

# gala gar<sup>®</sup>

WELDING

## GENERAL CATALOGUE CG-25

AUTOGENOUS   GAS REGULATION   PROFESSIONAL WELDING   INDUSTRIAL WELDING   PLASMA CUTTING  
ACCESSORIES   TORCHES   ROBOTICS & AUTOMATION   PROTECTION LASER WELDING

gala gar<sup>®</sup>  
WELDING

---

Manufacturing since 1945

# Autogenous

# 2025

**WELDING | CUTTING | HEATING**

Welding & Cutting Flame Blowtorches

Welding and cutting sets

Flashback arrestors

Flexible hose

Portable Autonomous Groups

Burners

Air-butane welding

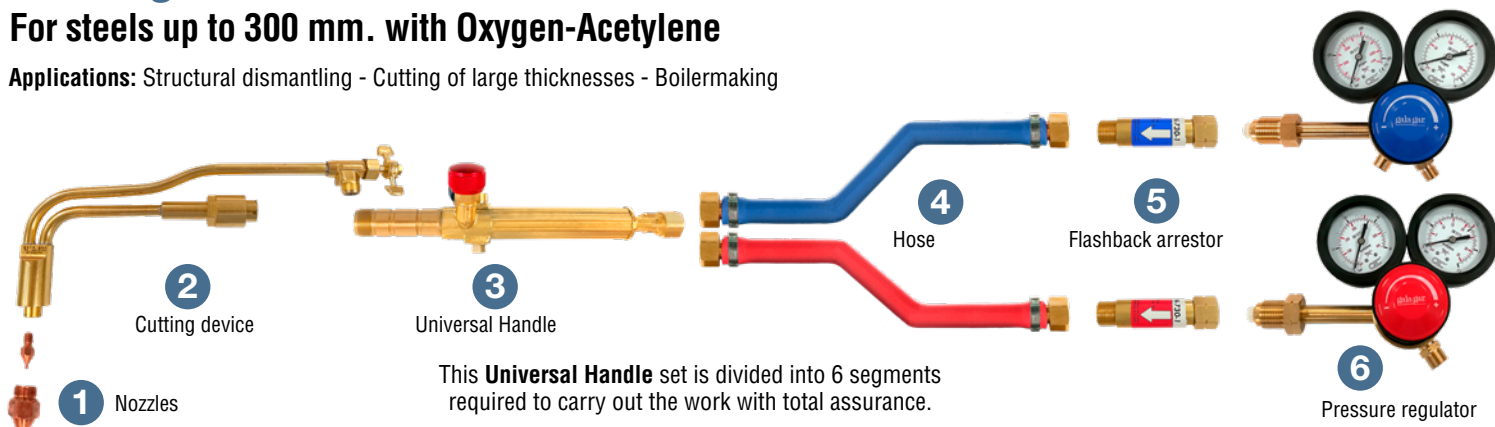
Sets for installers

*80* years

# Cutting Blowtorch Set **Ox** **Ac**

For steels up to 300 mm. with Oxygen-Acetylene

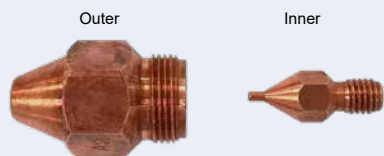
Applications: Structural dismantling - Cutting of large thicknesses - Boilermaking



This **Universal Handle** set is divided into 6 segments required to carry out the work with total assurance.

## 1 Cutting nozzles

For Ox-Ac



**Ox** **Ac**

### Outer nozzle for Acetylene

Ref.	No.	Cutting thickness
70119101P	1	2-10 mm
70119102P	2	10-25 mm
70119103P	3	25-100 mm
70119104P	4	100-300 mm

### Inner nozzle for Acetylene

Ref.	No.	Cutting thickness
70119201P	1	4-9 mm
70119202P	2	9-25 mm
70119203P	3	25-50 mm
70119204P	4	50-75 mm

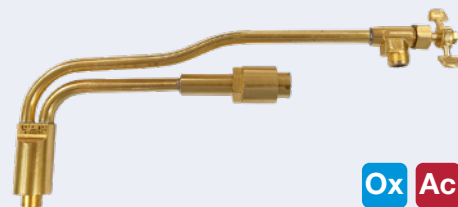
### Nozzles for Acetylene, H-Type

Ref.	No.	Cutting thickness
71400201P	1	4-9 mm
71400202P	2	9-25 mm
71400203P	3	25-50 mm
71400204P	4	50-75 mm
71400205P	5	75-150 mm
71400206P	6	150-200 mm
71400207P	7	200-300 mm

Minimum quantity 5 units.

## 2 Cutting device

For Ox-Ac



**Ox** **Ac**

### Cutting devices

Ref.	Gas
70100000	Ox-Acetylene
70100030	Ox-Ac-Propane H Type

## 3 Universal handle

For Ox-Ac / Ox-Prop



**Ox** **Ac** **P<sub>Prop</sub>**

### Universal handle

Ref.	Gas
70200100	Ox-Ac / Ox-Prop



Here you can see a video of what happens when a flashback occurs.



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Find in this catalogue other options of oxyfuel torches which best suit your needs.

Universal Handle for Acetylene Gas



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

**4** Hoses with fittings



Acetylene Hoses

Ref.	Gas	Meters
78000705	Ox-Ac	5 m
78000710	Ox-Ac	10 m
78000715	Ox-Ac	15 m

Ready to use G 1/4" RH - G 3/8" LH



Gala Gar recommends replacing gas hoses, at least once a year.

Gas hoses are in accordance with ISO-3821 standard



You can see all hose options to customise your equipment at the end of this section.

**5** Flashback arrestors



Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000000	Oxygen	1/ 4" Right
73100020	Fuel gas	3/8" Left

Flashback arrestors for regulators

Ref.	Gas	Thread
76000000	Oxygen	1/ 4" Right
76200000	Fuel gas	3/8" Left

Flashback arrestors for hoses

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!

For safe operation, flashback arrestors should be changed every 3 years of use.

**6** Pressure regulators



Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar

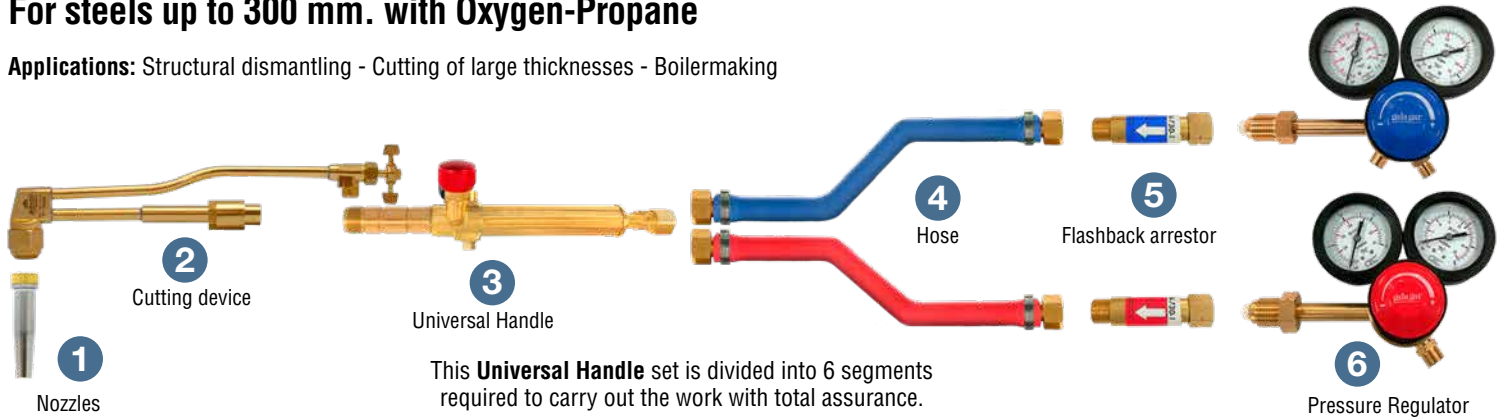


See our gas regulation section for all types of sets.

# Cutting Blowtorch Set Ox Prop

For steels up to 300 mm. with Oxygen-Propane

Applications: Structural dismantling - Cutting of large thicknesses - Boilermaking

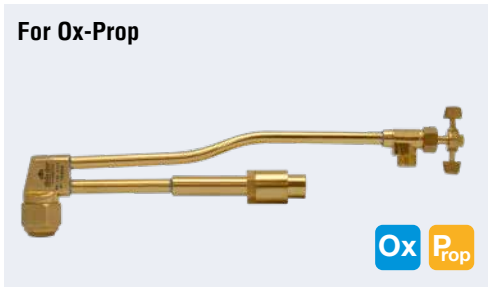


This **Universal Handle** set is divided into 6 segments required to carry out the work with total assurance.

## 1 Cutting nozzles



## 2 Cutting device



## 3 Universal handle



### Nozzles for Propane

Ref.	No.	Cutting thickness
75600201P	1	4-9 mm
75600202P	2	9-25 mm
75600203P	3	25-50 mm
75600204P	4	50-75 mm
75600205P	5	75-150 mm
75600206P	6	150-200 mm
75600207P	7	200-300 mm

### Cutting device

Ref.	Gas
70100030	Ox-Propane

### Universal Handle

Ref.	Gas
70200100	Ox-Ac / Ox-Prop

Minimum quantity 5 units.



Here you can see a video of what happens when a flashback occurs.



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Find in this catalogue other options of oxyfuel torches which best suit your needs.

Universal Handle for Propane Gas



Our products are Approved by the Spanish Ministry of Industry



MANUFACTURING SINCE 1945

**4** Hoses with fittings



Propane hoses

Ref.	Gas	Meters
78000805	Ox-Prop	5 m
78000810	Ox-Prop	10 m
78000815	Ox-Prop	15 m

Ready to use G 1/4" RH - G 3/8" LH



Gala Gar recommends replacing gas hoses, at least once a year.

Gas hoses are in accordance with ISO-3821 standard



You can see all hose options to customise your equipment at the end of this section.

**5** Flashback arrestors



Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000000	Oxygen	1/4" Right
73100020	Fuel gas	3/8" Left

Flashback arrestors for regulators

Ref.	Gas	Thread
76000000	Oxygen	1/4" Right
76200000	Fuel gas	3/8" Left

Flashback arrestors for hoses

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!



For safe operation, flashback arrestors should be changed every 3 years of use.

**6** Pressure regulators



Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37300000	Propane	25 bar	1.5 bar

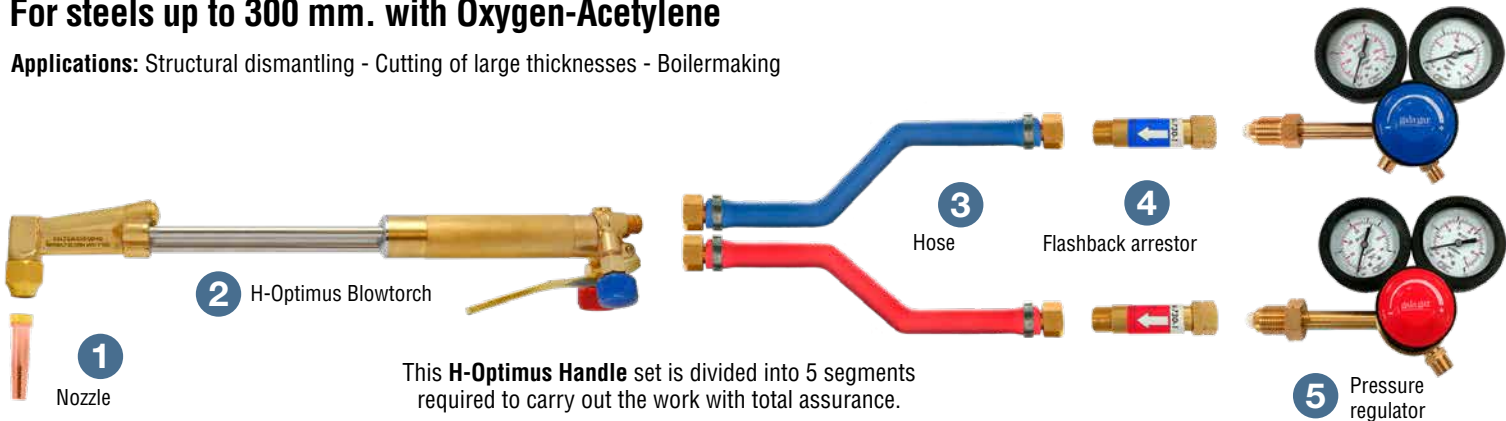


See our gas regulation section for all types of sets.

# Cutting Blowtorch Set Ox Ac

For steels up to 300 mm. with Oxygen-Acetylene

Applications: Structural dismantling - Cutting of large thicknesses - Boilermaking



This **H-Optimus Handle** set is divided into 5 segments required to carry out the work with total assurance.

## 1 Cutting nozzles



## 2 H-Optimus Blowtorch



### Cutting nozzles for Acetylene

Ref.	No.	Cutting thickness
71400201P	1	4-9 mm
71400202P	2	9-25 mm
71400203P	3	25-50 mm
71400204P	4	50-75 mm
71400205P	5	75-150 mm
71400206P	6	150-200 mm
71400207P	7	200-300 mm

Minimum quantity 5 units.



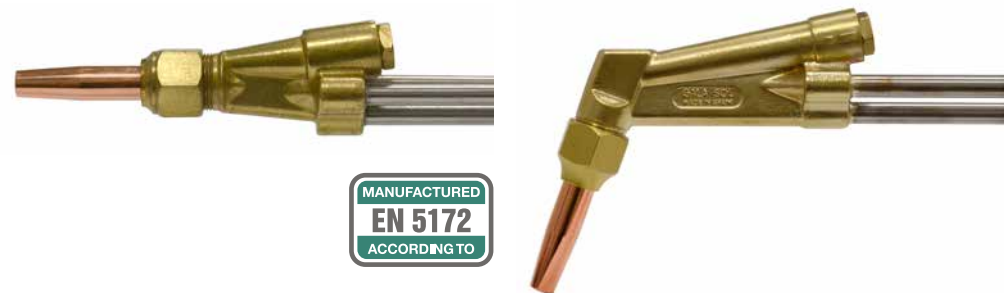
### H-Optimus Blowtorch

Ref.	Features	Gas
75800001	90° Without nozzle 460 mm.	Ox-Ac
75801009	90° Without nozzle 1 meter	Ox-Ac

### Upon request:

H-Optimus Blowtorches with 70° and 180° head angles

Different lengths of reinforced blowtorches: 120, 150 and 250 centimetres



Here you can see a video of what happens when a flashback occurs.



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Find in this catalogue other options of oxyfuel torches which best suit your needs.

## H-Optimus Blowtorch for Acetylene gas



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

### 3 Hoses with fittings



Acetylene Hoses		
Ref.	Gas	Meters
78000705	Ox-Ac	5 m
78000710	Ox-Ac	10 m
78000715	Ox-Ac	15 m

Ready to use G 1/4" RH - G 3/8" LH



**Gala Gar recommends replacing gas hoses, at least once a year.**

**Gas hoses are in accordance with ISO-3821 standard**



You can see all hose options to customise your equipment at the end of this section.

### 4 Flashback arrestors



Flashback arrestors for blowtorches		
Ref.	Gas	Thread
73000000	Oxygen	1/4" Right
73100020	Fuel gas	3/8" Left

Flashback arrestors for regulators		
Ref.	Gas	Thread
76000000	Oxygen	1/4" Right
76200000	Fuel gas	3/8" Left

Flashback arrestors for hoses		
Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

**Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!**

**For safe operation, flashback arrestors should be changed every 3 years of use.**

### 5 Pressure regulators



Pressure regulators			
Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar

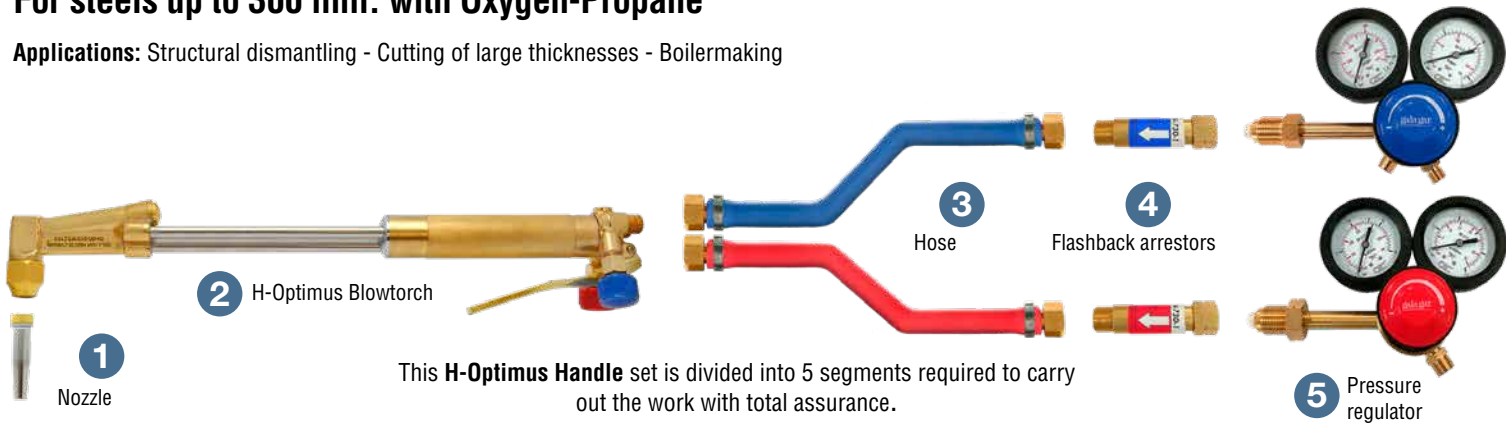


**See our gas regulation section for all types of sets.**

# Cutting Blowtorch Set Ox Prop

For steels up to 300 mm. with Oxygen-Propane

Applications: Structural dismantling - Cutting of large thicknesses - Boilermaking



This H-Optimus Handle set is divided into 5 segments required to carry out the work with total assurance.

## 1 Cutting nozzles



## Cutting nozzles for Propane

Ref.	No.	Cutting thickness
75600201P	1	4-9 mm
75600202P	2	9-25 mm
75600203P	3	25-50 mm
75600204P	4	50-75 mm
75600205P	5	75-150 mm
75600206P	6	150-200 mm
75600207P	7	200-300 mm

Minimum quantity 5 units.



## 2 H-Optimus Blowtorch

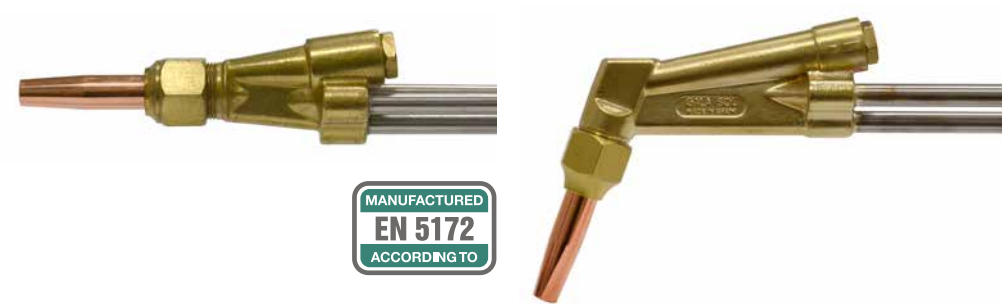


## H-Optimus Blowtorch

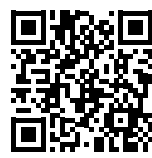
Ref.	Features	Gas
75800011	90° Without nozzle 460 mm.	Ox-Prop
75801010	90° Without nozzle 1 meter	Ox-Prop

### Upon request:

H-Optimus Blowtorches with 70° and 180° head angles  
Different measurements for reinforced blowtorches: 120, 150 and 250 centimetres



Here you can see a video of what happens when a flashback occurs.



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Find in this catalogue other options of oxyfuel torches which best suit your needs.

## H-Optimus Blowtorch for Propane gas



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

### 3 Hoses with fittings



#### Propane hoses

Ref.	Gas	Meters
78000805	Ox-Prop	5 m
78000810	Ox-Prop	10 m
78000815	Ox-Prop	15 m

Ready to use G 1/4" RH - G 3/8" LH



**Gala Gar recommends replacing gas hoses, at least once a year.**

**Gas hoses are in accordance with ISO-3821 standard**



You can see all hose options to customise your equipment at the end of this section.

### 4 Flashback arrestors



#### Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000000	Oxygen	1/ 4" Right
73100020	Fuel gas	3/8" Left

#### Flashback arrestors for regulators

Ref.	Gas	Thread
76000000	Oxygen	1/ 4" Right
76200000	Fuel gas	3/8" Left

#### Flashback arrestors for hoses

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

**Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!**

**For safe operation, flashback arrestors should be changed every 3 years of use.**

### 5 Pressure regulators



#### Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37300000	Propane	25 bar	1.5 bar

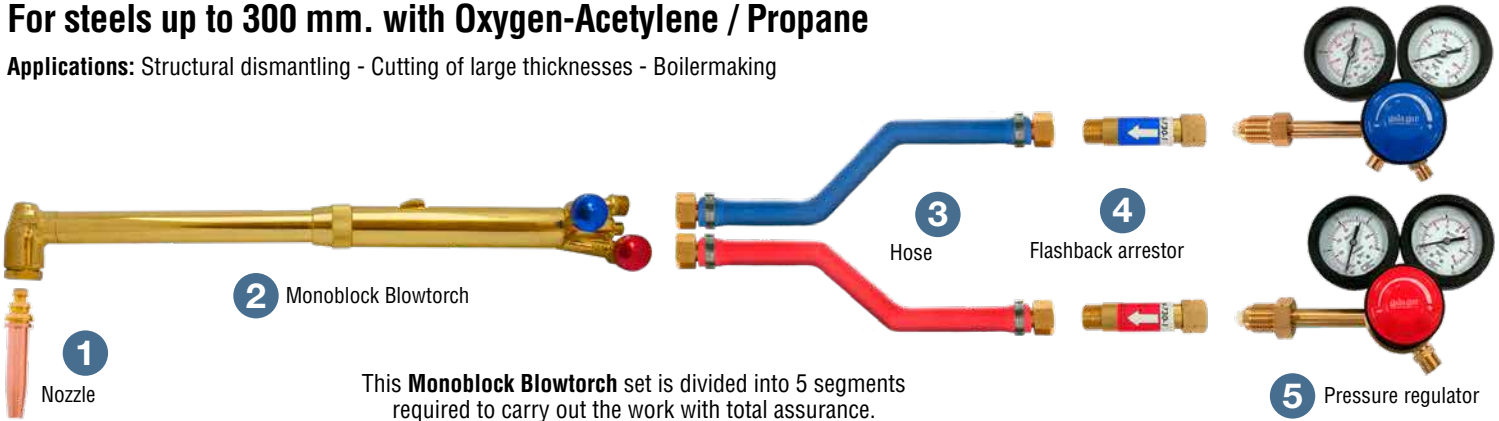


**See our gas regulation section for all types of sets.**

# Compact Cutting Blowtorch Set Ox Ac P<sub>prop</sub>

For steels up to 300 mm. with Oxygen-Acetylene / Propane

Applications: Structural dismantling - Cutting of large thicknesses - Boilermaking



This **Monoblock Blowtorch** set is divided into 5 segments required to carry out the work with total assurance.

## 1 Cutting nozzles



### Cutting nozzles for Acetylene

Ref.	No.	Cutting thickness
75510100P	1	4-9 mm
75510200P	2	9-25 mm
75510300P	3	25-50 mm
75510400P	4	50-75 mm
75510500P	5	75-150 mm
75510600P	6	150-200 mm
75510700P	7	200-300 mm

Minimum quantity 5 units.

### Cutting nozzles for Propane

Ref.	No.	Cutting thickness
75501100P	1	4-9 mm
75501200P	2	9-25 mm
75501300P	3	25-50 mm
75501400P	4	50-75 mm
75501500P	5	75-150 mm
75501600P	6	150-200 mm
75501700P	7	200-300 mm

Minimum quantity 5 units.

## 2 Monoblock Blowtorch

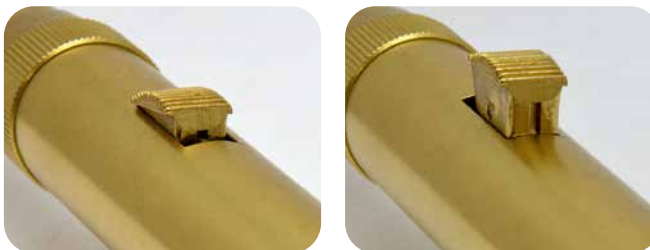


### Monoblock Blowtorch

Ref.	Features	Gas
75500010	90° Without nozzle 460 mm.	Ox-Ac / Ox-Prop

Highly resistant, high-performance reinforced blowtorch. For the use of G1 conical nozzles which makes it particularly resistant to backfires.

Upon request: Monoblock blowtorches with 180° heads and 1 and 1.5 meters.



Trigger detail to set the cutting process.



Here you can see a video of what happens when a flashback occurs.

Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

With these blowtorches the gas mixture is carried out in the nozzles.



Find in this catalogue other options of oxyfuel torches which best suit your needs.

## Monoblock Blowtorch for Acetylene/Propane



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

### 3 Hoses with fittings

Ready to use



#### Acetylene hoses

Ref.	Gas	Meters
78000704	Ox-Ac	5 m
78000712	Ox-Ac	10 m
78000714	Ox-Ac	15 m

#### Propane hoses

Ref.	Gas	Meters
78000804	Ox-Prop	5 m
78000812	Ox-Prop	10 m
78000814	Ox-Prop	15 m

### 4 Flashback arrestors



Blowtorches

Regulators

Hoses

#### Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000119	Oxygen	M16x1,5 RH.
73100119	Fuel gas	M16x1,5 LH.

#### Flashback arrestors for regulators

Ref.	Gas	Inner Ø
76000000	Oxygen	1/4" Right
76200000	Fuel gas	3/8" Left

#### Flashback arrestors for hoses

Ref.	Gas	Thread
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

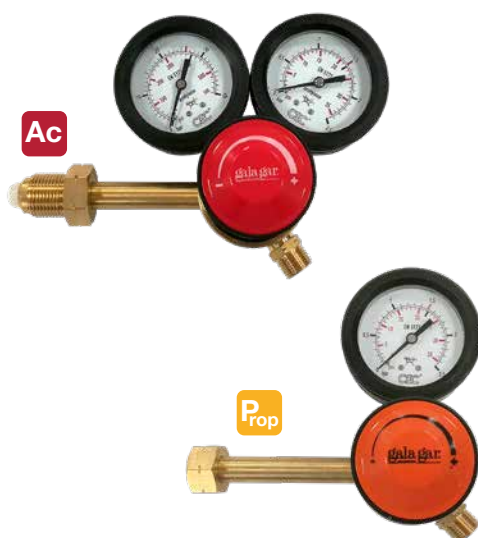
### 5 Pressure regulators



Ox

#### Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar
37300000	Propane	25 bar	1.5 bar



Gala Gar recommends replacing gas hoses, at least once a year.

Gas hoses are in accordance with ISO-3821 standard



Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!



For safe operation, flashback arrestors should be changed every 3 years of use.

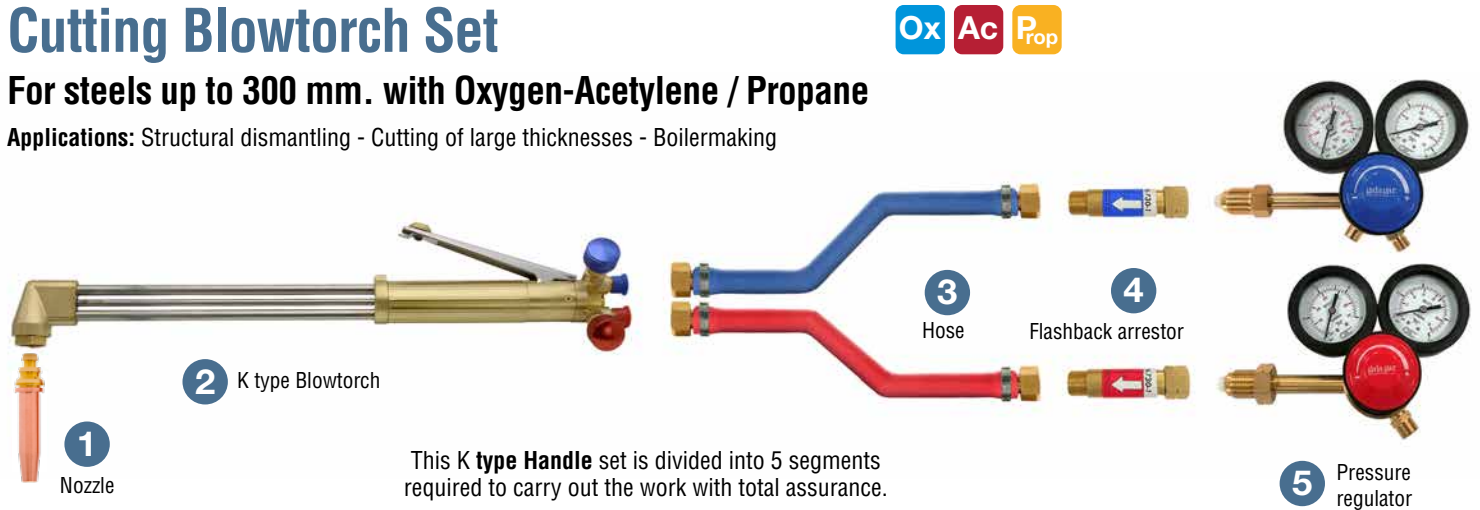
See our gas regulation section for all types of sets.

You can see all hose options to customise your equipment at the end of this section.

# Cutting Blowtorch Set

For steels up to 300 mm. with Oxygen-Acetylene / Propane

Applications: Structural dismantling - Cutting of large thicknesses - Boilermaking



This K type Handle set is divided into 5 segments required to carry out the work with total assurance.

## 1 Cutting nozzles



## 2 K type Blowtorch



### Cutting nozzles for Acetylene

Ref.	No.	Cutting thickness
70300601P	1	4-9 mm
70300602P	2	9-25 mm
70300603P	3	25-50 mm
70300604P	4	50-75 mm
70300605P	5	75-150 mm
70300606P	6	150-200 mm
70300607P	7	200-300 mm

Minimum quantity 5 units.

### Cutting nozzles for Propane

Ref.	No.	Cutting thickness
75700301P	1	4-9 mm
75700302P	2	9-25 mm
75700303P	3	25-50 mm
75700304P	4	50-75 mm
75700305P	5	75-150 mm
75700306P	6	150-200 mm
75700307P	7	200-300 mm

Minimum quantity 5 units.

### K type Blowtorch

Ref.	Features	Gas
75700001	K type blowtorch 90°	Ox-Ac-Prop

Contact us for special length Upon request



Here you can see a video of what happens when a flashback occurs.



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Find in this catalogue other options of oxyfuel torches which best suit your needs.

## K-Type Blowtorch for Acetylene/Propane



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

### 3 Hoses with fittings



#### Acetylene Hoses

Ref.	Gas	Meters
78000708	Ox-Ac	5 m
78000711	Ox-Ac	10 m
78000724	Ox-Ac	15 m

Ready to use G 9/16" RH - G 9/16" LH

#### Propane hoses

Ref.	Gas	Meters
78000808	Ox-Prop	5 m
78000811	Ox-Prop	10 m
78000816	Ox-Prop	15 m

Ready to use G 9/16" RH - G 9/16" LH

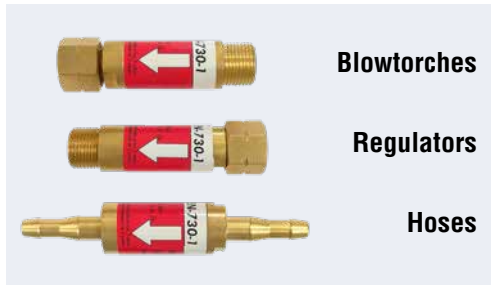
**Gala Gar recommends replacing gas hoses, at least once a year.**

**Gas hoses are in accordance with ISO-3821 standard**



You can see all hose options to customise your equipment at the end of this section.

### 4 Flashback arrestors



#### Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000010	Oxygen	9/16" Right
73100010	Fuel gas	9/16" Left

#### Flashback arrestors for regulators

Ref.	Gas	Thread
76000000	Oxygen	1/4" Right
76200000	Fuel gas	3/8" Left

#### Flashback arrestors for hoses

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

**Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!**

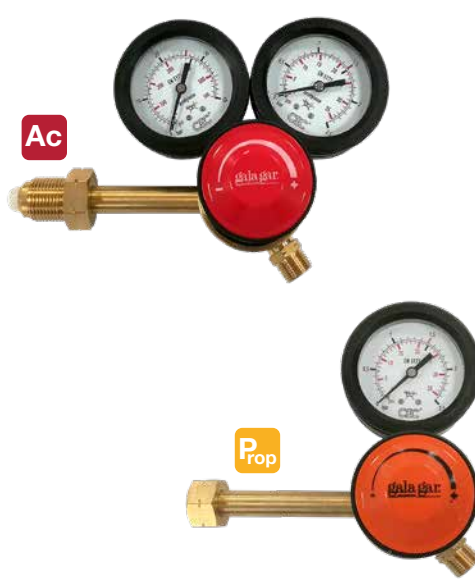
**For safe operation, flashback arrestors should be changed every 3 years of use.**

### 5 Pressure regulators



#### Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar
37300000	Propane	25 bar	1.5 bar



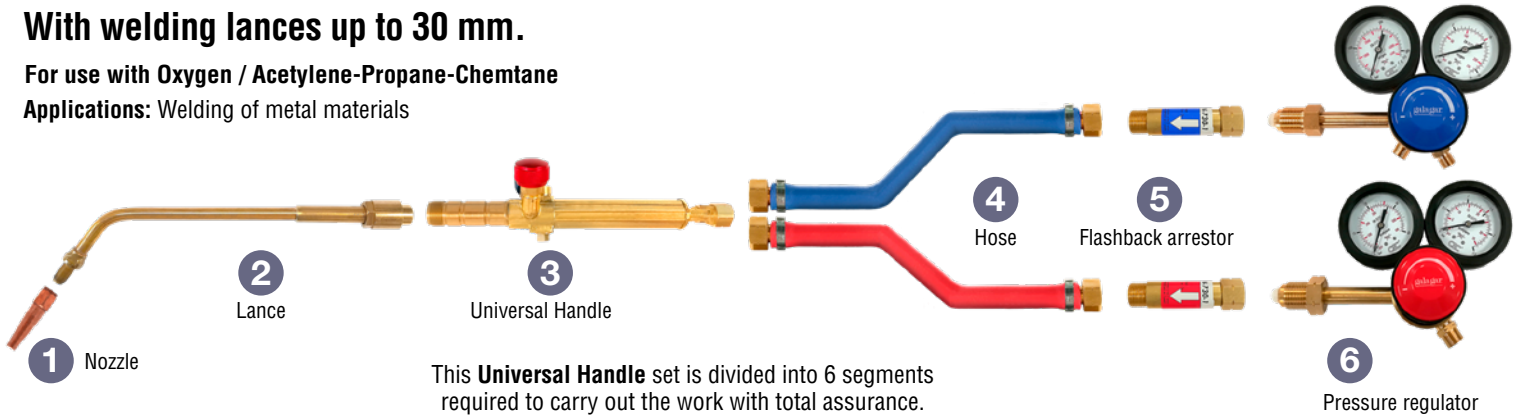
**See our gas regulation section for all types of sets.**

# Modular Welding Blowtorch Set Ox Ac P<sub>Prop</sub>

With welding lances up to 30 mm.

For use with Oxygen / Acetylene-Propane-Chemtane

Applications: Welding of metal materials

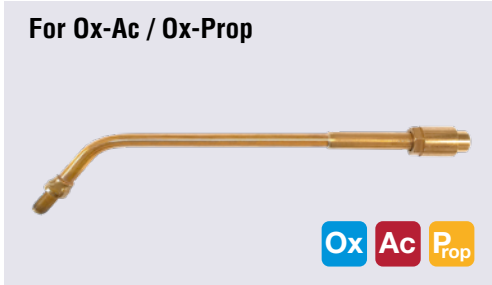


This **Universal Handle** set is divided into 6 segments required to carry out the work with total assurance.

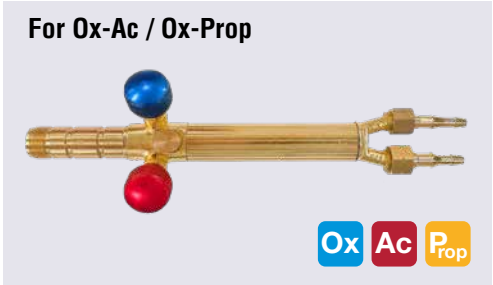
## 1 Welding nozzles



## 2 Welding lance



## 3 Universal handle



### Welding nozzles for Acetylene

Ref.	No.	Consumption (l/h)
70419001	0	75
70419101	1	150
70419201	2	300
70419301	3	500
70419401	4	750
70419501	5	1,200
70419601	6	1,700
70419701	7	2,500

Minimum quantity 5 units.

### Welding lances for Acetylene

Ref.	No.	Consumption (l/h)
70400000	0	75
70400100	1	150
70400200	2	300
70400300	3	500
70400400	4	750
70400500	5	1,200
70400600	6	1,700
70400700	7	2,500

NOZZLE INCLUDED

### Universal handle

Ref.	Gas
70200100	Ox-Ac / Ox-Prop

### Welding nozzles for Propane

Ref.	No.	Consumption (l/h)
70419005	0	75
70419105	1	150
70419205	2	300
70419305	3	500
70419405	4	750
70419505	5	1,200
70419605	6	1,700
70419705	7	2,500

Minimum quantity 5 units.

### Welding lances for Propane

Ref.	No.	Consumption (l/h)
70400005	0	75
70400105	1	150
70400205	2	300
70400305	3	500
70400405	4	750
70400505	5	1,200
70400605	6	1,700
70400705	7	2,500

NOZZLES INCLUDED



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

### 4 Hoses with fittings

Ready to use



#### Acetylene Hoses

Ref.	Gas	Meters
78000705	Ox-Ac	5 m
78000710	Ox-Ac	10 m
78000715	Ox-Ac	15 m

#### Propane hoses

Ref.	Gas	Meters
78000805	Ox-Prop	5 m
78000810	Ox-Prop	10 m
78000815	Ox-Prop	15 m

Ready to use G 1/4" RH - G 3/8" LH

**Gala Gar recommends replacing gas hoses, at least once a year.**

**Gas hoses are in accordance with ISO-3821 standard**



You can see all hose options to customise your equipment at the end of this section.

### 5 Flashback arrestors



Blowtorches

Regulators

Hoses

#### Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000000	Oxygen	1/4" Right
73100020	Fuel gas	3/8" Left

#### Flashback arrestors for regulators

Ref.	Gas	Thread
76000000	Oxygen	1/4" Right
76200000	Fuel gas	3/8" Left

#### Flashback arrestors for hoses

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

**Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!**

**For safe operation, flashback arrestors should be changed every 3 years of use.**

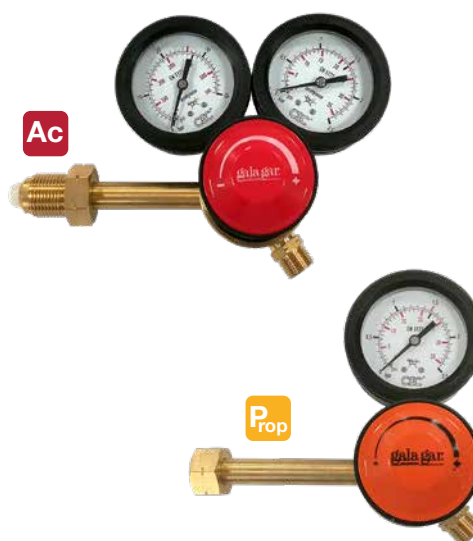
### 6 Pressure regulators



Ox

#### Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar
37300000	Propane	25 bar	1.5 bar



Ac

Prop

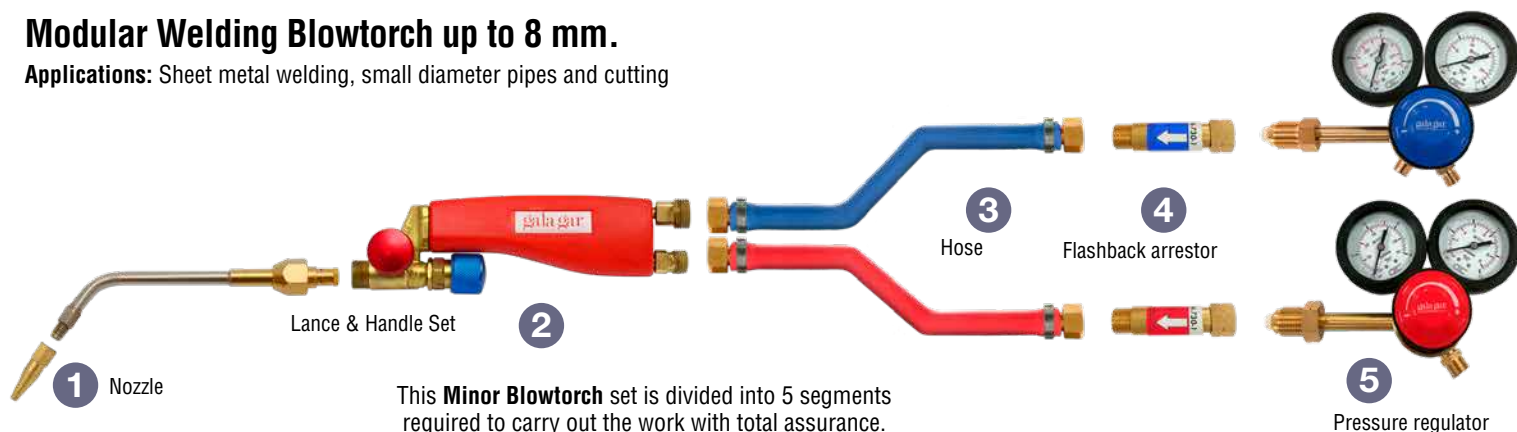
**See our gas regulation section for all types of sets.**

# Minor Welding Blowtorch Set

Ox Ac P<sub>Prop</sub>

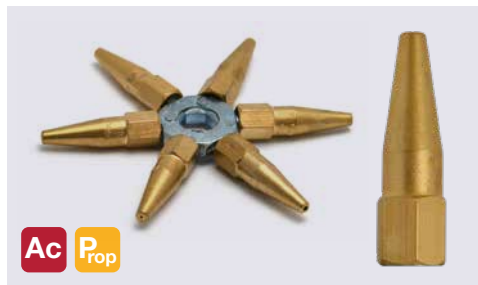
## Modular Welding Blowtorch up to 8 mm.

Applications: Sheet metal welding, small diameter pipes and cutting



This **Minor Blowtorch** set is divided into 5 segments required to carry out the work with total assurance.

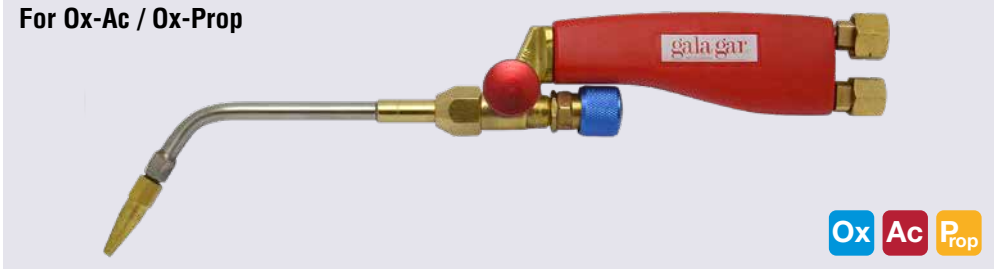
### 1 Minor welding nozzles



Ac P<sub>Prop</sub>

### 2 Minor Welder Set

For Ox-Ac / Ox-Prop



Ox Ac P<sub>Prop</sub>

#### Welding nozzles for Acetylene

Ref.	No.	Consumption (l/h)
10501117P	1	50
10501217P	2	70
10501317P	3	100
10501417P	4	140
10501517P	5	200
10501617P	6	400

Minimum quantity 5 units.

#### Welding nozzles for Propane

Ref.	No.	Consumption (l/h)
10509124P	1	50
10509224P	2	70
10509324P	3	100
10509424P	4	140
10509524P	5	200
10509624P	6	400

Minimum quantity 5 units.

#### Minor welding Lance

Ref.	Gas
10502015	Ox-Ac - Ox-Prop



The **Welding Blowtorch Set** includes:  
Handle, lance, 6 nozzles with nozzle-holder wrench and connectors

#### Minor welding Set

Ref.	Gas
10500000	Ox-Ac
10500200	Ox-Prop



## Cutting Accessories up to 50 mm.

The Modular Minor Blowtorch Set is also suitable for cutting with the corresponding accessories.

#### Minor cutting device

Ref.	Gas
10100160	Ox-AC.
10500160	Ox-Prop.

#### Minor blowtorch cutting nozzles

Ref.	Gas	Nozzle no.	Cutting thickness
70600501	Ox-Acetylene	1	From 3 to 15 mm.
70600502	Ox-Acetylene	2	From 15 to 25 mm.
70600503	Ox-Acetylene	3	From 25 to 50 mm.
70600511	Ox-Propane	1	From 3 to 15 mm.
70600512	Ox-Propane	2	From 15 to 25 mm.
70600513	Ox-Propane	3	From 25 to 50 mm.

Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Minor Blowtorch



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

**3** Hoses with fittings

Ready to use



**Ac/Pro hoses**

Ref.	Gas	Meters
78000605	Ox-Ac-Prop.	5 m
78000610	Ox-Ac-Prop.	10 m
78000615	Ox-Ac-Prop.	15 m

Hose Ø 6 + 6 x 12 mm.



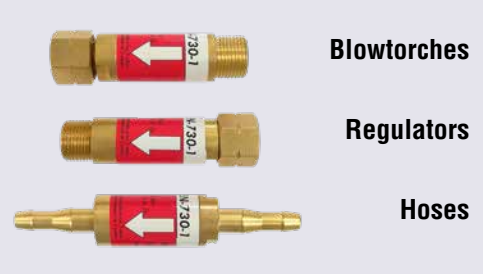
Gala Gar recommends replacing gas hoses, at least once a year.

Gas hoses are in accordance with ISO-3821 standard



You can see all hose options to customise your equipment at the end of this section.

**4** Flashback arrestors



**Flashback arrestors for blowtorches**

Ref.	Gas	Thread
73000000	Oxygen	1/ 4" Right
73100020	Fuel gas	3/8" Left

**Flashback arrestors for regulators**

Ref.	Gas	Thread
76000000	Oxygen	1/ 4" Right
76200000	Fuel gas	3/8" Left

**Flashback arrestors for hoses**

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!

For safe operation, flashback arrestors should be changed every 3 years of use.

**5** Pressure regulators



**Pressure regulators**

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar
37300000	Propane	25 bar	1.5 bar

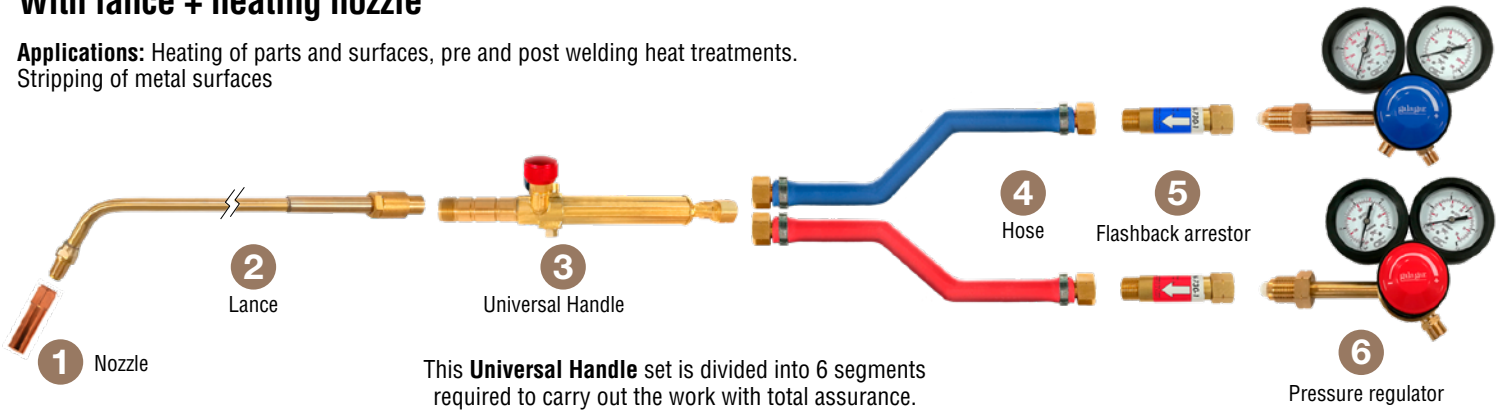


See our gas regulation section for all types of sets.

# Modular heating blowtorch set Ox Ac P<sub>Prop</sub>

## With lance + heating nozzle

**Applications:** Heating of parts and surfaces, pre and post welding heat treatments.  
Stripping of metal surfaces



This **Universal Handle** set is divided into 6 segments required to carry out the work with total assurance.

### 1 Heating nozzles



#### Heating nozzles for Acetylene

Ref.	No.	Consumption (l/h)
72419501	1	3,700
72419502	2	4,600

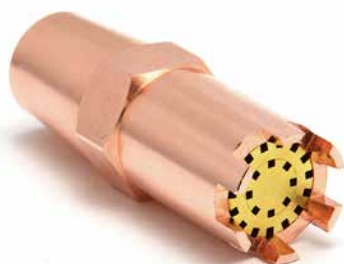
#### Heating nozzle for Propane

Ref.	No.	Consumption (l/h)
72419511	1	3,700
72419512	2	4,600

#### Heating nozzles NG

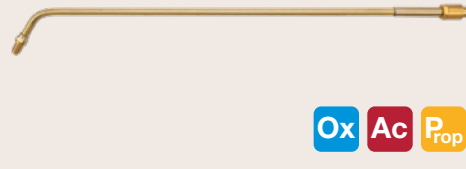
Ref.	No.	Consumption (l/h)
75500200	2 NG	1,830
75500300	3 NG	3,600
75500400	4 NG	4,050
75500500	5 NG	4,800

### Heating nozzle NG P<sub>Prop</sub>



### 2 Heating lance

For Ox-Ac / Ox-Prop



#### Heating lance

Ref.	Length
72400400	400
72400700	700

#### Heating lance for Propane NG

Ref.	Length
75500020	200
75500040	400
75500070	700
75500090	900



### 3 Universal handle

For Ox-Ac / Ox-Prop



#### Universal handle

Ref.	Gas
70200100	Ox-Ac / Ox-Prop



Gala Gar recommends that the set as a whole should be checked once a year by a qualified technician to keep the equipment in optimal condition.

Find in this catalogue other options of oxyfuel torches which best suit your needs.



Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

### 4 Hoses with fittings

Ready to use



#### Acetylene hoses

Ref.	Gas	Meters
78000705	Ox-Ac	5 m
78000710	Ox-Ac	10 m
78000715	Ox-Ac	15 m

#### Propane hoses

Ref.	Gas	Meters
78000805	Ox-Prop	5 m
78000810	Ox-Prop	10 m
78000815	Ox-Prop	15 m

Ready to use G 1/4" RH - G 3/8" LH

Gala Gar recommends replacing gas hoses, at least once a year.

Gas hoses are in accordance with ISO-3821 standard



You can see all hose options to customise your equipment at the end of this section.

### 5 Flashback arrestors



Blowtorches

Regulators

Hoses

#### Flashback arrestors for blowtorches

Ref.	Gas	Thread
73000000	Oxygen	1/4" Right
73100020	Fuel gas	3/8" Left

#### Flashback arrestors for regulators

Ref.	Gas	Thread
76000000	Oxygen	1/4" Right
76200000	Fuel gas	3/8" Left

#### Flashback arrestors for hoses

Ref.	Gas	Inner Ø
77000000	Oxygen	6-8
77100008	Fuel gas	6-9
77000009	Oxygen	8-10
77100000	Fuel gas	8-10

Gala Gar recommends the replacement of flashback arrestors after severe or sustained flame flashback!



For safe operation, flashback arrestors should be changed every 3 years of use.

### 6 Pressure regulators



Ox

#### Pressure regulators

Ref.	Gas	P1	P2
37000000	Oxygen	200 bar	10 bar
37500000	AC	25 bar	1.5 bar
37300000	Propane	25 bar	1.5 bar



Ac

Prop

See our gas regulation section for all types of sets.



## Welding and Cutting Sets



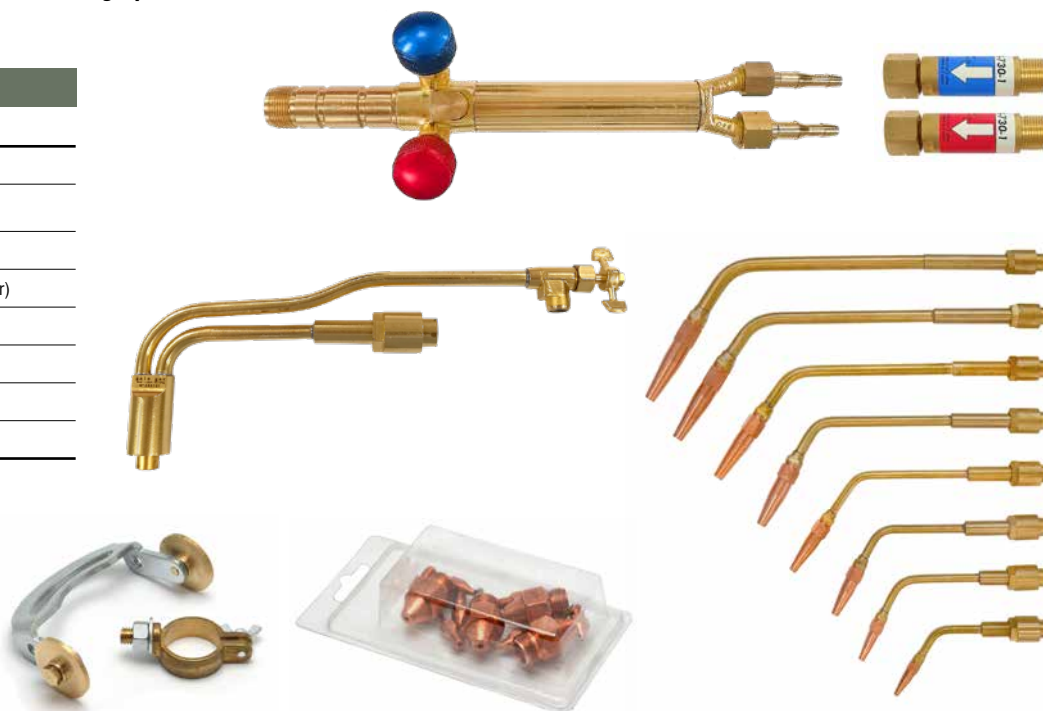
### Universal 300 Set

Ref.: 10300440

Modular blowtorch set with accessories for welding processes up to 30 mm. and cutting up to 300 mm.

#### The case includes:

Ref.	Description
70200100	1 Universal Handle
70400000 to 70400700	1 Set of eight interchangeable lances
70100000	1 Cutting device
10300002	1 Cutting nozzles set (4 outer and 8 inner)
70100111	1 Cutter carriage
70100311	1 Two-wheeled cutting carriage ring
73000000	1 Ox-flashback arrestor for handle
73100020	1 Ac-flashback arrestor for handle



### Universal Cutting Set

Ref.: 10400310

Set of Blowtorch + Cutting device up to 25 mm.

#### The case includes:

Ref.	Description
70200100	1 Universal Handle
70100000	1 Cutting device for Acetylene
70119112	1 Outer nozzle of no. 2
70119212	1 Inner nozzle of no. 2
73000000	1 Ox-flashback arrestor for handle
73100020	1 Ac-flashback arrestor for handle.



**The blowtorch is delivered assembled in the packaging box.**

Gala Gar recommends the reviewing of the working set by a qualified technician once a year.



Here you can see a video of what happens when a flashback occurs.





**MANUFACTURING SINCE 1945**



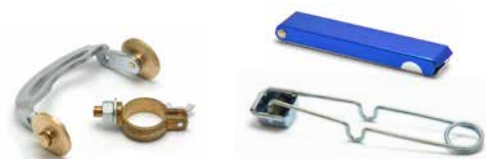
## H-Type Set

Ref.: 70300750

Modular blowtorch set with accessories for welding processes up to 15 mm. and cutting up to 150 mm. for flat seat nozzles.

**The case includes:**

Ref.	Description
70300110	1 H-Type handle
70300140 / 70300150 70301104	1 Lance with welding nozzle no. 3
70300540	1 Cutting device
71400201 / 203/205	3 Ox-Ac-Propane Cutting nozzles (no. 1-3-5)
75600315	1 Two-wheeled cutting carriage with ring
200041	1 Spark lighter
88888810	1 Reamer
70312500	1 Hose of 5 m. with connectors
30500002 / 31400002	2 Ox-gas pressure regulators
73000010	1 Ox-flashback arrestor for handle
73100010	1 Ac-flashback arrestor for handle



## Caribe Kit

Ref.: 70300600

Modular blowtorch set with accessories for welding processes up to 25 mm. and cutting up to 150 mm. for conical seat nozzles.

**The case includes:**

Ref.	Description
70300000	1 Caribe handle
70300510	1 Cutting device
70311162 / 70300150	1 Welding lance
70301101 / 102/103/104/105	5 Welding nozzles
70300601 / 603/605	3 Cutting nozzles
75600315	1 Two-wheeled cutting carriage with ring
200041	1 Spark lighter
88888810	1 Reamer
70312500	1 Hose of 5 m. with connectors
30500002 / 31400002	2 Ox-gas pressure regulators
73000010	1 Ox-flashback arrestor for handle
73100010	1 Ac-flashback arrestor for handle



## Flashback arrestors

Gala Gar flashback arrestors serve two functions:

**Extinguish the combustion and stop the gas flow after a flashback.**

The use of flashback arrestors at the pressure regulator outlet is mandatory by law according to ITC-MIE-5

The use of flashback arrestors at the blowtorch inlet is recommended by **Gala Gar**



### Flashback arrestors for blowtorches



#### Flashback arrestors for blowtorches

Ref.	Gas	Max. pressure	Max. flow	Inlet coupling	Outlet coupling	Devices
1 73000119	Oxygen	20	15 Nm <sup>3</sup> /h.	Ø 8-10	M 16x1,5 RH inn	FA-NV
1 73100119	Fuel gas	5	5 m <sup>3</sup> /h.	Ø 8-10	M 16x1,5 LH inn	FA-NV
2 73000010	Oxygen	20	30 m <sup>3</sup> /h.	Ø 9-16x18h.RH out	Ø 9-16x18h.RH inn	FA-NV
2 73100010	Fuel gas	5	5 m <sup>3</sup> /h.	Ø 9-16x18h.LH out	Ø 9-16x18h.LH inn	FA-NV
3 73000000	Oxygen	20	30 m <sup>3</sup> /h.	G1/4" RH outer	G1/4" RH inner	FA-NV
3 73100020	Fuel gas	5	5 m <sup>3</sup> /h.	G3/8" RH outer	G3-8" RH inner	FA-NV

1. Flashback arrestors for Monoblock Blowtorch 2. Flashback arrestors for H-Type Blowtorch 3. Other FA: Backflow preventer NV: Gas backflow preventer

### Flashback arrestors for regulators



#### Flashback arrestors for regulators

Ref.	Gas	Max. pressure	Max. flow	Inlet coupling	Outlet coupling	Devices
0 76000000	Oxygen	20 bar	30 m <sup>3</sup> /h.	G1/4" RH outer	G1/4" RH inner	FA-NV
0 76200000	Fuel gas	5 bar	5 m <sup>3</sup> /h.	G3/8" RH outer	G3-8" RH inner	FA-NV
1 76000009	Oxygen	20 bar	30 m <sup>3</sup> /h.	Ø 9-16x18h.RH inn	Ø 9-16x18h.RH out	FA-NV
1 76100009	Fuel gas	20 bar	5 m <sup>3</sup> /h.	Ø 9-16x18h.LH inn	Ø 9-16x18h.LH out	FA-NV
2 76000119	Oxygen	20 bar	30 m <sup>3</sup> /h.	M 16x1,5 RH inner	Ø 8-10	FA-NV
2 76200119	Fuel gas	20 bar	5 m <sup>3</sup> /h.	M 16x1,5 LH inner	Ø 8-10	FA-NV

0. Universal and Minor Handle 1. Flashback arrestors for H-Type Blowtorch 2. Flashback arrestors for Monoblock Blowtorch

### Flashback arrestors for hoses



#### Flashback arrestors for hoses

Ref.	Gas	Max. pressure	Max. flow	Inlet coupling	Outlet coupling	Devices
77000000	Oxygen	20	30 m <sup>3</sup> /h.	Ø 6-8	Ø 6-8	FA-NV
77100008	Fuel gas	20	5 m <sup>3</sup> /h.	Ø 6-9	Ø 6-9	FA-NV
77000009	Oxygen	20	30 m <sup>3</sup> /h.	Ø 8-10	Ø 8-10	FA-NV
77100000	Fuel gas	20	5 m <sup>3</sup> /h.	Ø 8-10	Ø 8-10	FA-NV

All the flashback arrestors are also produced with other thread types.

## Quick connections for gas



#### Connections for regulators

Ref.	Description
81000214	Quick plug connector, Ox, 8 mm.
81000314	Quick plug body, Ox, 8 mm. G1/4" RH
81000238	Quick plug connector for fuel gas
81000338	Quick plug body for fuel gas G3/8" LH

#### Blowtorch connections

81000514	Quick plug connector, Ox G1/4". RH
81000414	Quick plug body, Ox, 8 mm.
81000538	Quick plug connector for fuel gas G3/8" LH
81000438	Quick plug body, fuel gas 8 mm.



## Flexible hose

### Hoses per meter without fittings



Single hose (100m rolls)		Minimum unit of sale 100 metres.
Ref.	Description / Size	
77200000	OX (Ø Inner/Outer 8 x 15)	
77300000	AC (Ø Inner/Outer 8 x 15)	
77400000	Propane (Ø Inner/Outer 9 x 16)	

Twin hose (100m rolls)		Minimum unit of sale 100 metres.
Ref.	Description / Size	
77500000	OX y AC/Propane (Ø Inner/Outer 6+6 x 12)	
77600000	OX y AC (Ø Inner/Outer 8+8 x 15)	
77900000	OX y Propane (Ø Inner/Outer 8+8 x 15)	

### Twin hose with universal connectors



OX-AC Twin hose		Description / Size
Ref.	Description / Size	
78000705	5 m. G 1/4" RH - G 3/8" LH - OX-AC Ø 8+8 x 15	
78000710	10 m. G 1/4" RH - G 3/8" LH - OX-AC Ø 8+8 x 15	
78000715	15 m. G 1/4" RH - G 3/8" LH - OX-AC Ø 8+8 x 15	

OX- Propane twin hose		Description / Size
Ref.	Description / Size	
78000805	5 m. G 1/4" RH - G 3/8" LH - OX-Propano Ø 8+8 x 15	
78000810	10 m. G 1/4" RH - G 3/8" LH - OX-Propano Ø 8+8 x 15	
78000815	15 m. G 1/4" RH - G 3/8" LH - OX-Propano Ø 8+8 x 15	

Different couplings on request. For other sizes, please consult us.

### Extensions for flexible hose



Removable extensions		Description / Size
Ref.	Description / Size	
72000000	Extensions for flexible hose G 1/4" RH - Removable	
72100005	Extensions for flexible hose G 3/8" LH - Removable	

Fixed extensions		Description / Size
Ref.	Description / Size	
72400000	Extensions for flexible hose Ø 6- 8 - Fixed	
72500000	Extensions for flexible hose Ø 8- 10 - Fixed	

### Small accessory



Autogenous accessories		Description / Size
Ref.	Description / Size	
88888810	Reamer box	
200041	Spark lighter	
75600315	Cutter carriage with ring	

## Portable Autonomous Groups



### *GAP OB (Oxygen/Butane)* Portable equipment for oxy/butane welding

Ref.: 78000068

**Special for:** Heating technicians, installer and repairer professionals, construction works, auxiliary, servicing and car repair workshops.



Minor Blowtorch

#### Elements of the whole group

Description	Ref.
1 Ox. Cylinder 5l.	91000006
1 Blue bottle of butane gas 2,8 kg.	91000027
1 MINOR Blowtorch with nozzle set incl.	10500200
1 Twin hose of 3 m.	78000603
1 Ox-Gasweld pressure regulator	30500001
1 Transport trolley	71500100

#### Group options

Description	Ref.
Whole group	78000068
Group without bottles	78000460
Transport trolley	71500100

### Cutting Accessories up to 50 mm.

The Modular Minor Blowtorch Set is also suitable for cutting with the corresponding accessories.

#### Minor Blowtorch Cutting Accessories

Device Ref.	Device gas
10500160	Ox-Propane
Ref. for nozzles no. 2	Nozzles gas
70600512	Ox-Prop





## Portable Autonomous Groups

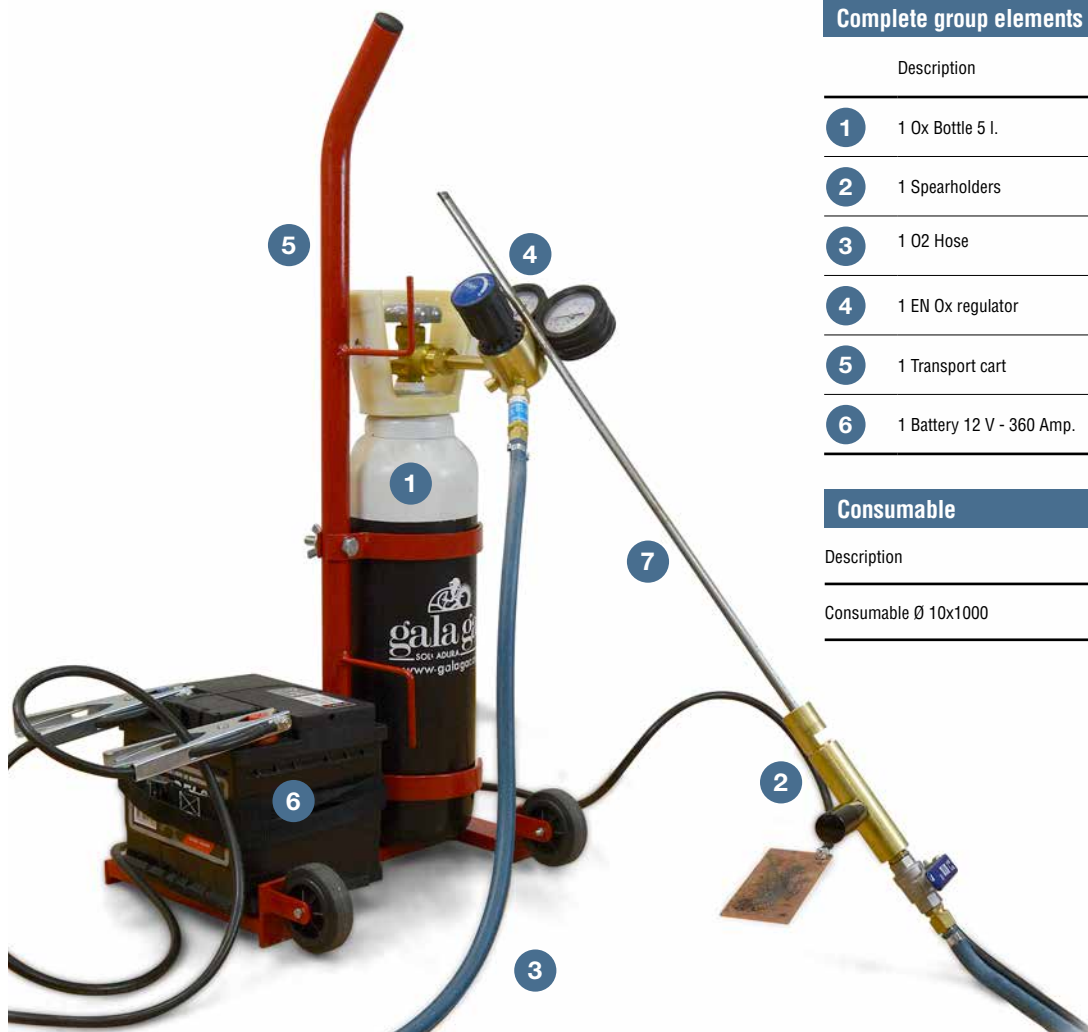


### *GAP-O Thermal Lance* Portable oxygen cutting equipment

The equipment allows cutting and making holes in steel of great resistance and thickness only with the use of oxygen.

Ref.: 78000038

**Special for:**  
Professional scrapping work,  
demolitions and drilling of large thicknesses  
with medium autonomy.



#### Complete group elements

Description	Ref.
1 Ox Bottle 5 l.	91000006
1 Spearholders	13000050
1 O2 Hose	77200000
1 EN Ox regulator	37000000
1 Transport cart	71500138
1 Battery 12 V - 360 Amp.	13020001

#### Consumable

Description	Ref.
Consumable Ø 10x1000	13010100



Our products are Approved  
by the Ministry of Industry



### *Trolleys for industrial bottles*

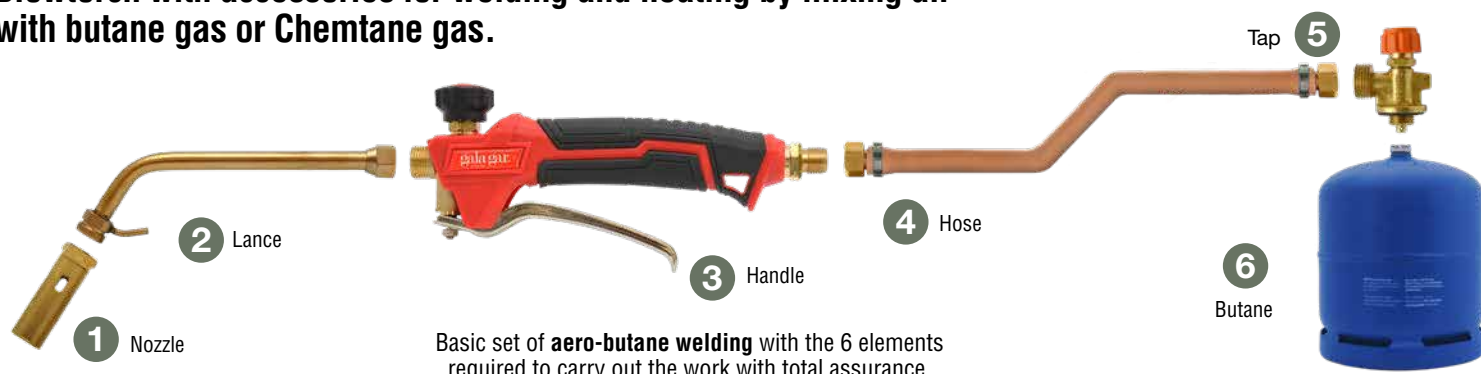
#### Transport trolleys

Description	Ref.
For 1 bottle	71100100
For 2 bottles	72100060



# Air-butane modular blowtorch set

Blowtorch with accessories for welding and heating by mixing air with butane gas or Chemtane gas.



Basic set of **aero-butane welding** with the 6 elements required to carry out the work with total assurance.

## 1 Air-butane nozzles



### Air-butane nozzles

Ref.	No. / Ø	Consump. g/h	Power kcal/h
14600534	4/19 mm.	50	2,875
14600535	5/25 mm.	70	7,185
14600536	6/29 mm.	100	13,260
14600537	7/32 mm.	140	22,100
14600538	8/42 mm.	200	43,305

## 2 Air-butane lances



### Lances for air-butane nozzles

Ref.	Length
14600330	50 mm.
14600430	200 mm.

For other measures, please consult us.



## 3 Air-butane handle



### Air-butane handles

Ref.	Type
14600275	With economiser
14600175	Without economiser



## Heating nozzles

Ref.	Ø	Consump. g/h	Power kcal/h
73400530	50 mm.	1,050	11,605
73400630	60 mm.	2,000	22,100
73400730	70 mm.	3,000	33,150
73400830	80 mm.	4,100	45,305



## Lances for heating nozzles

Ref.	Length
73400130	330 mm.
73400230	500 mm.

## Nut and connector set

Ref.	Description
14600126	For air-butane handle

Gala Gar recommends replacing gas hoses, at least once a year.

Gas hoses are in accordance with ISO-3821 standard



Gala Gar recommends the reviewing of the working set by a qualified technician once a year.



*Air-butane blowtorch*



The blowtorches of the Gala Gar air-butane range are manufactured under the corresponding standard.

Our products are Approved by the Spanish Ministry of Industry



**MANUFACTURING SINCE 1945**

**4** Propane welding hoses with fittings



**Propane-butane welding hoses**

Ref.	Sizes / Type
72500230	8x14 (2,50 m.) Shielded welding hose
72500130	5x10 (2,50 m.) Shielded welding hose
72500330	6x12 (2,50 m.) Unshielded weld. hose

For other measures, please consult us.

**5** Exhaust valve



**Exhaust valve**

Ref.	Type
73200203	Exhaust valve without coupling and nut
73211116	Nut and coupling set for exhaust valve

**6** Butane bottle



**Gas cylinders**

Ref.	Capacity / Weight
91000027	Butane-gas bottle of 2,8 kg.
91000004	Chemtane-gas bottle of 3 kg.



**Scorching rakes**

Rakes attachable to brazing handle.



Can be attached to an handle with economiser

**Ref.: 14600285**

By using the nozzles:

**Ref.: 14600535 / 14600538**

**Rakes**

Ref.	Description
73400321	For 2 nozzles
73400340	For 4 nozzles

**Lances for rakes**

Ref.	Length
14600420	350 mm.
14600460	600 mm.

## Gas Set for Installers



### Torch Turbo Gala 3 Pro

Disposable piezo cartridge torch with 3 interchangeable nozzles for soldering and heating.



Ref.: 15100600

**Applications :**

1. professional plumbing and DIY work.
2. Suitable for soldering and brazing up to 22 mm. diameter.
3. Fine brazing of jewellery and small parts.
4. Heating workpieces.
5. Allows work to be carried out in inverted position.

For cylinders with EUROPEAN THREAD



Gas cartridge not included



Fine flame

Super enveloping flame

Large area flame

## Autonomous air-butane blowtorches

Professional plumbing and household jobs. Adequate for soft and hard welding of up to Ø 22 mm diameter. It allows work to be carried out in a reverse position.



AeroGala blowtorch options		
Description	Contents	Ref.
Aerogala blowtorch	1 Blowtorch	15100000
Aerogala set for propane gas	3 cartridges / 1 blowtorch	15100350
Aerogala set for CHEMTANE gas	2 cartridges / 1 blowtorch	15100450
Aerogala cartridge for propane gas	1 Cartridge, 400 ml.	15100300
CHEMTANE gas cartridge	1 Cartridge, 400 ml.	15100400

Blister pack reference: 15100150



MANUFACTURING SINCE 1945

## Air-butane nozzles

**Applications:** Heating, stripping, DIY, brazing.



For brazing

Nozzle sizes			
Ref.	Description	Consumption	Power
14600534	No. 4	260 g/h.	2,875 kcal/h.
14600535	No. 5	260 g/h.	7,185 kcal/h.
14600536	No. 6	1,200 g/h.	13,260 kcal/h.
14600537	No. 7	2,000 g/h.	22,100 kcal/h.
14600538	No. 8	4,100 g/h.	43,305 kcal/h.



## Heating nozzles

**Applications:** Heating, stripping, insulations.



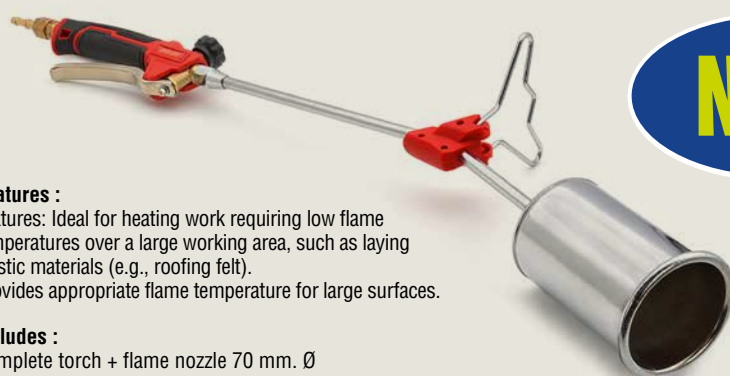
Nozzle sizes			
Ref.	Description	Consumption	Power
73400530	Heating Ø 50	1,050 g/h.	11,605 kcal/h.
73400630	Heating Ø 60	2,000 g/h.	22,100 kcal/h.
73400730	Heating Ø 70	3,000 g/h.	33,150 kcal/h.
73400830	Heating Ø 80	4,100 g/h.	43,305 kcal/h.



## Flame torch Plus

**Airbutane torch with suction and gas flow regulation system.**

Ref.: 14800200



**NEW**

**Features :**

Features: Ideal for heating work requiring low flame temperatures over a large working area, such as laying plastic materials (e.g., roofing felt). Provides appropriate flame temperature for large surfaces.

**Includes :**

Complete torch + flame nozzle 70 mm. Ø



This product is approved by the Spanish Ministry of Industry

## Lances



**Applications:**

Heating, stripping, DIY, brazing.

**Ref.: 14600330**  
Short lance for brazing blowtorch

**Ref.: 14600430**  
Long lance for brazing blowtorch





## Gas Set for Installers

### *Gala PLUS air-butane handles*

Airbutane suction torch

Handle WITHOUT saver Ref.: 14600175

Handle WITH economiser Ref.: 14600275



Economizer

**Features :**

Pilot flame system for gas saving, metal gas flow lever (in the model with economiser). Different types of lances and nozzles can be adapted to this torch, depending on the type of work.

**Applications :**

Professional plumbing and heating work, electrical installations, painting and stripping, jewellery and dental laboratories.

### *Exhaust valve*

Ref.: 73200203



Exhaust valve for propane cylinder without coupling and nut



### *Shielded / Unshielded welding hose*



For brazing

Welding hoses		
Ref.	Description	Sizes
72500230	Shielded welding hose	8x14 (2.5 m.)
72500130	Shielded welding hose	5x10 (2.5 m.)
72500330	Unshielded welding hose	6x12 (2.5 m.)

For special sizes, please consult us.



MANUFACTURING SINCE 1945

## Installer Set No. 1

Plumber, painter and DIY set  
Welding gun pluggable to gas bottle with nozzle N° 4



Ref.: 1500030



## Installer Set N° 2

Set for Plumber, painter and DIY

Ref.: 14600203

### The set includes:

Ref.	Description
14600285	Handle with economiser
14600430	Long lance
14600535	Nozzle no. 5
14600536	Nozzle no. 6
14600537	Nozzle no. 7
72500330	6 x 12 (2.50 m.) unshielded welding hose



## Installer Set N° 4

Plumber, painter and DIY set

Ref.: 14600602

### The set includes:

Ref.	Description
14600185	Handle without economiser
14600330	Short lance
73200203	Free relief valve
72500335	6 x 12 (1.50 m.) unshielded welding hose
14600534	Nozzle N° 4

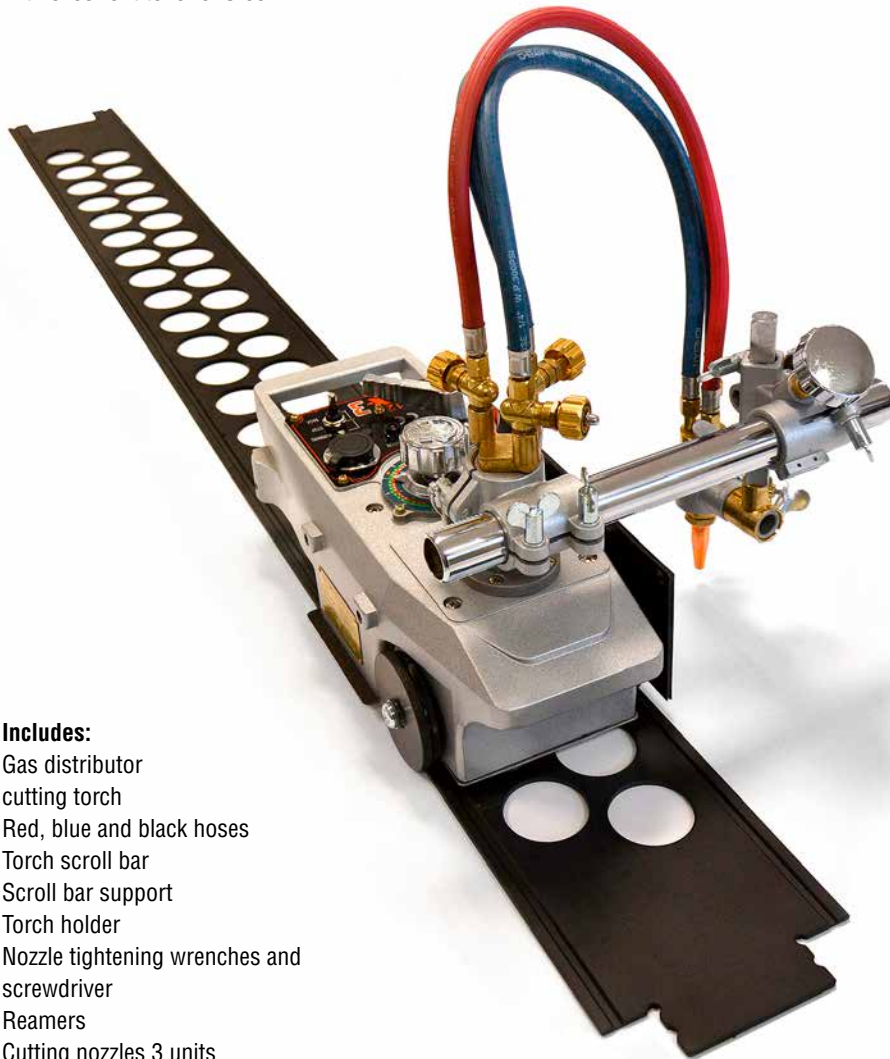


## Automation

### Linear oxycutting cart

Ref.: 70748201

Excellent heat resistance and durability, straight line cutting with excellent tensile force.



#### Includes:

- Gas distributor
- cutting torch
- Red, blue and black hoses
- Torch scroll bar
- Scroll bar support
- Torch holder
- Nozzle tightening wrenches and screwdriver
- Reamers
- Cutting nozzles 3 units
- Travel guide 1.8 meters.



#### Description:

Unique drive system that allows infinite or unlimited speed range adjustment, utilizing a constant speed motor.

#### Versatility and convertibility:

Allows all types of straight and bevel cutting.

#### Quality cutting:

Uses Koike model conical seated oxy-fuel nozzles and torch with exceptional precision and unparalleled in terms of cutting cleanliness and edge sharpness.

#### Basic technical characteristics

Supply voltage	1 Ph 230/400 V ± 10% - 50/60 Hz
Cutting speed	10-100 mm./Min.
Dimensions (width x height x length)	440 x 220 x 215 mm.
Weight with a torch	11 Kg.

Joint chamfers: 0°-45°.

Straight cuts: 1.8 m. and multiples thereof

Torch type to fit acetylene/LPG

Gas connection: 1/4 "G; 9/16", etc.



# Gas regulation

# 2025

Gala Gar designs and manufactures gas pressure regulators

Gas pressure regulators

Gas economisers

Regulation accessories

Manifolds

Decompression panels

80 years

gala gar  
ESTABLISHED 1945

# Gas pressure regulators



## EN-2000 Model



For gas regulation in welding and cutting processes with high demands of pressure and flow rate

**Main functions:**

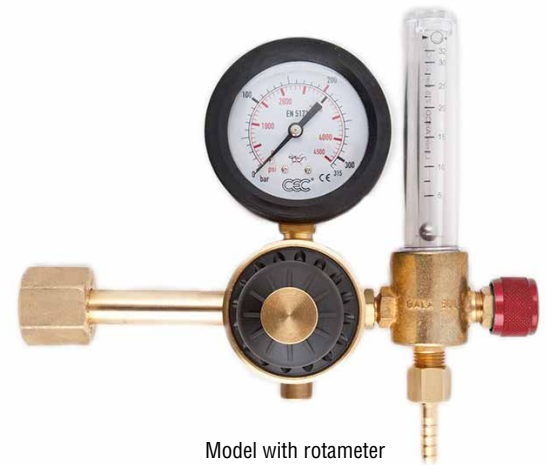
Filling tanks, pressurising and sweeping pipes and any pressure regulation of fuel or inert gases. Decompression of industrial gases for welding, cutting and similar processes.



Our products are made in Spain according to the European standards in force



Model for Ar-CO<sub>2</sub>



Model with rotameter

**Applications:**

- Welding processes:
- MIG/MAG - TIG
- Heating
- Flame welding
- Flame cutting



Acetylene Model



Oxygen Model

**Total safety and reliability.**

All our pressure regulators are tested for tightness and operation.

### EN-2000 Models

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
37000000	Oxygen	200	10	30 m <sup>3</sup> /h.
37500000	Acetylene	25	1.5	5 m <sup>3</sup> /h.
37500004**	Acetylene	25	1.5	5 m <sup>3</sup> /h.
37600000	Ar-CO <sub>2</sub>	200	8	25 l/m.
37600500*	Ar-CO <sub>2</sub>	200	2.5	30 l/m.
37600510*	Ar-H <sub>2</sub>	200	2.5	30 l/m.
37100500	N <sub>2</sub>	200	10	30 m <sup>3</sup> /h.
37300000	But/Prop	25	1.5	5 m <sup>3</sup> /h.
37100020	H <sub>2</sub>	200	10	50 m <sup>3</sup> /h.

\* With rotameter \*\* Flange coupling

**gala gar**

We have been manufacturers since 1945 and all our pressure regulators are guaranteed.



# Gas pressure regulators



## Gas Weld MODEL



**Main functions:**

Filling tanks, pressurising and sweeping pipes and any pressure regulation of fuel or inert gases.

Decompression of industrial gases for welding, cutting and similar processes.

**Gas Weld Models**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
30500001	O <sub>2</sub>	200	10	20 Nm <sup>3</sup> /h.
31400001	Ac	25	1.5	3 Nm <sup>3</sup> /h.
36500001	Ar	200	10	25 l/m.
32200001	But/Prop	25	1.5	3 Nm <sup>3</sup> /h.
36100001	N	200	10	20 Nm <sup>3</sup> /h.
36500501*	Ar	200	3	30 l/m.

\*With rotameter

## ARMOR model



**Features :**

Electric arc welding processes in weld bead protection.

Filling tanks, sweeping drains and all inert gas pressure regulation.

Includes a fine adjustment handwheel and armoured gauge protection.

**ARMOR models**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
35400500	Ar-CO <sub>2</sub>	200	8	25 L/m.
30400500	Oxygen	200	10	30 m <sup>3</sup> /h.
31500500	Acetylene	25	1.5	5 m <sup>3</sup> /h.
35100500	Propane	25	1.5	5 m <sup>3</sup> /h.

## Reduced MODEL



**Reduced models for pipe systems.**

**Main functions:**

For the individual use of industrial gases in distribution systems and pipes. They have one single pressure gauge to indicate the outlet pressure.

**Reduced Models**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
30600000	O <sub>2</sub>	25	10	15 Nm <sup>3</sup> /h.
31600000	Ac	25	1.5	3 Nm <sup>3</sup> /h.
35600000	Ar-CO <sub>2</sub>	25	8	25 l/m.
33600000	N <sub>2</sub>	25	10	15 Nm <sup>3</sup> /h.



# Gas pressure regulators



## SFERIC Model

**Description:**

Equipment for the regulation of gas contained in standardised 300 bar gas cylinder.



Our products are made in Spain according to the European standards in force



**Guaranteed reliability, greater durability despite working under extreme pressure and temperature conditions.**

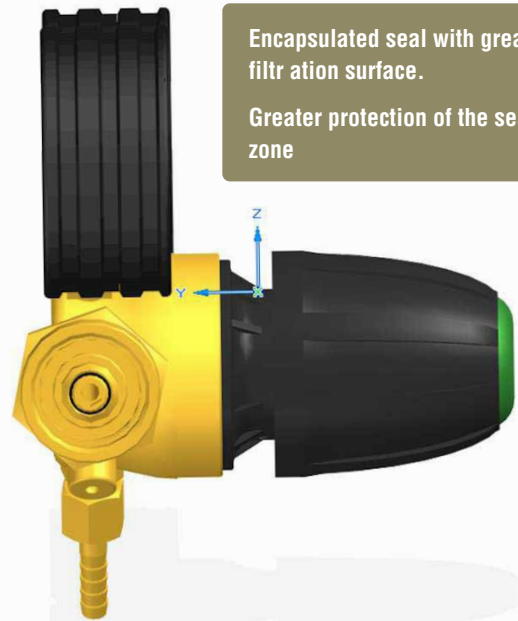
**SFERIC Models**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
37000308	O <sub>2</sub>	300	10	30 Nm <sup>3</sup> /h
37100308	N <sub>2</sub>	300	10	30 Nm <sup>3</sup> /h
37600338	Ar-CO <sup>2</sup>	300	8	25 l/m.



Fixed onto the cylinder with or without tools.

O-ring seal.



Encapsulated seal with greater filtration surface.

Greater protection of the sealing zone

**NEW SEALING SYSTEM**

Spherically shaped progressive sealing, perfect guiding of the needle valve for an exact adjustment of the GAS flow.

- New “Spheric” sealing system
- Greater reliability and precision
- Larger low-pressure chamber
- Self-resistant at 300bar
- Larger wheel with larger grip zone
- Cylinder fixation system without the use of tools



You will find further information about this innovative pressure regulator at our website.



# Gas pressure regulators

## Medium & High pressure models



**Main functions:**

Filling medium pressure tanks, refilling fire extinguishers, sweeping networks and equipment airtightness, cleaning of pipes and ducts. Cooling systems. For other gases, upon request.

**Medium & High pressure models**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow (Nm <sup>3</sup> /h)
35300420	N <sub>2</sub>	200	20	60
35300440	N <sub>2</sub>	200	40	80
35300460	N <sub>2</sub>	200	60	100
35300200	N <sub>2</sub>	200	200	150

## R80 Model of Medium flow



**Main functions:**

For gas regulation in flame cutting and heating welding processes with high demands of pressure and flow.

High performances electric MIG/MAG and TIG welding

Filling tanks, pressurising and sweeping pipes and any pressure regulation of fuel or inert gases.

Small gas installations for 2-3 consumption points.

**R80 Model**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
30700000	O <sub>2</sub>	200	10	80 Nm <sup>3</sup> /h.
31700010	Ac	200	1.5	15 Nm <sup>3</sup> /h.
32700000	Compressed air	200	10	80 Nm <sup>3</sup> /h.
33700000	Inert gases	200	10	80 Nm <sup>3</sup> /h.
34700000	H	200	10	100 Nm <sup>3</sup> /h.
35700000	Ar-CO <sub>2</sub>	200	8	25 l/m.

## High flow model



**Main functions:**

For installation in gasworks, pipe systems and large consumptions.

Gas supplying to industrial plants and factories.

For bottle blocks, manifolds and pipe systems.

**High flow models**

Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
30300000	O <sub>2</sub>	200	12.5	150 Nm <sup>3</sup> /h.
31300000	Ac	25	1.5	25 Nm <sup>3</sup> /h.
30300500	Ar	200	12.5	150 Nm <sup>3</sup> /h.
33300000	N <sub>2</sub>	200	12.5	150 Nm <sup>3</sup> /h.
34300000	H <sub>2</sub>	200	12.5	200 Nm <sup>3</sup> /h.
30300055	O <sub>2</sub>	200	50	300 Nm <sup>3</sup> /h.
33300050	N <sub>2</sub>	200	50	300 Nm <sup>3</sup> /h.

Can be manufactured for 300 bar inlet

## Gas saving systems



### Gas saving regulators

**MANUFACTURING SINCE 1945**



#### Piping pressure regulator / Workstations

Regulator				
Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
35600520	Ar-CO <sub>2</sub>	10	0-2.5	20 l/m.

### Gas saving valve



#### Valves for pressure regulators

**Main functions:**  
Regulation valve for placement at the exit of pressure regulators for Arc welding to reduce the welding pressure

Valves				
Ref.	Gas	Inlet pressure (bar)	Outlet pressure (bar)	Rated flow
35500050	Ar-CO <sub>2</sub>	10	0-2.5	25 l/m.
35500000	Ar-CO <sub>2</sub>	10	1	25 l/m.



## Regulation accessories



### Rotameters



Rotameters for pressure regulators.

Model of rotameters			
Ref.	Gas	Pressure	Thread
35700525	Ar-CO <sub>2</sub>	2.5	Hose outlet 8 mm.
35700535	Ar-CO <sub>2</sub>	Atmospheric	Inlet and outlet 1/4" GAS hose 8 mm.

### Pressure gauges



Pressure gauge models			
Ref.	Gas	Ø mm	Pressure (bar)
30416024	O <sub>2</sub>	63	16
30416025	O <sub>2</sub>	63	315
31516033	Ac	63	2.5
31516034	Ac	63	40
35716054	Ar	63	34 l/min.
30415225	Ar	63	315

### Pressure gauge protection



Pressure gauge protection	
Ref.	Ø mm
30416050	63
38016050	50

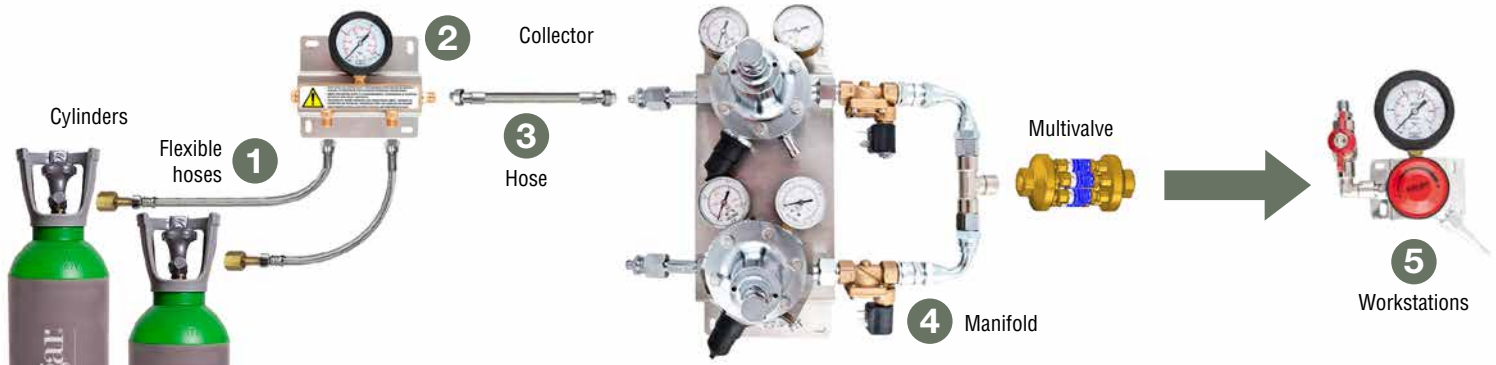
### CO<sub>2</sub> Heater



Main functions: to prevent pressure regulators from freezing.

Gas heaters		
Ref.	Use.	Power
600000	Cylinder	CO <sub>2</sub> Heater, 75W / 220V

# Gas manifolds



## 1 Flexible hoses



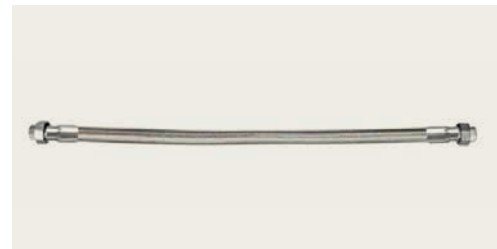
Accessories for connecting the gas bottle to gases collector flexible hoses Safety liner. 1 m.

## 2 Collector



A collector for 2 cylinders, with a connecting hose and connected to the distribution center.

## 3 Hose



Accessories for connecting the gases collector to the changeover station: manual, mechanical, electronic. 3 standard sizes: 350 and 600mm. - 1m.

### Connecting tubes

Ref.	Gas	Length
71900100	Oxygen	1 m
71900101	Argon	1 m
71900102	Acetylene	1 m

For other sizes, please **CONSULT US**

### Collectors

Ref.	Side	Pressure gauge
71200091	Left	No
71200095	Intermediate	No
71200092	Right	No
71200093	Left	Yes
71200096	Intermediate	Yes
71200094	Right	Yes

### Hoses

Ref.	Pressure (bar)	Output	Length (m)
71999035	200	¼"	0.35
71999060	200	¼"	0.60
71999100	200	¼"	1.00

For other sizes, please **CONSULT US**

## Multivalves



Flashback arrestors for fuel-gases piping. They are mandatory before the workstation.



### Flashback arrestors for Multivalves

Ref.	Gas
76000666	Oxygen
76200666	Acetylene



Gala Gar recommends the reviewing of the working set by a qualified technician once a year.

Equipment designed for continuous gas supply to large pipe systems with workstations. They guarantee safety as well as the correct supply of gas to the workstations.

On our website you can find more information.

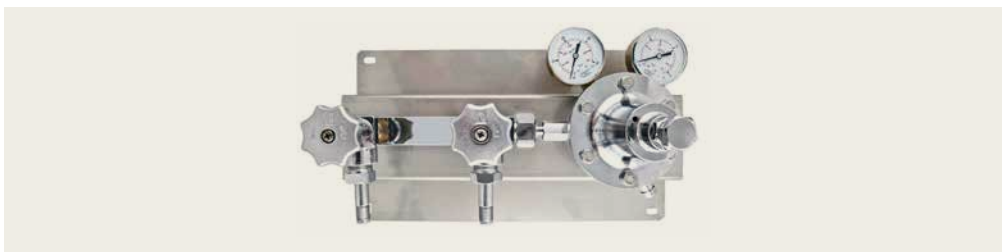


Our products are Approved by the Spanish Ministry of Industry



MANUFACTURING SINCE 1945

## 4 Manifold



Designed for the continuous supply of gas through a piping network to each of the workstations.

## 5 Workstation



Equipment designed to reduce the pressure of a gas available in the piping system to the pressure required at the working point.



### Manual manifolds

Ref.	Gas	Maximum pressure (bar)	Flow rate Output	Output
71200021	O <sub>2</sub>	200	150 Nm <sup>3</sup> /h.	G 3/4" RH
71200022	Ar	200	150 Nm <sup>3</sup> /h.	G 3/4" RH
71200023	Ac	25	25 Nm <sup>3</sup> /h.	G 3/4" RH

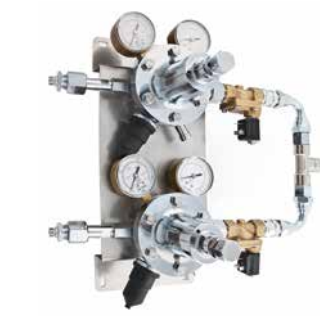
Designed for the continuous supply of gas through a piping network to each of the workstations. Double supply ramp with **Mechanical exchanger** which is triggered by the detection of a lack of pressure.



### Mechanic manifolds

Ref.	Gas	Maximum pressure (bar)	Flow rate	Output
71200051	O <sub>2</sub>	200	150 Nm <sup>3</sup> /h.	G 3/8" RH
71200052	Ar	200	150 Nm <sup>3</sup> /h.	G 3/8" RH
71200053	Ac	25	25 Nm <sup>3</sup> /h.	G 3/8" RH

Designed for the continuous supply of gas through a piping network to each of the workstations. Double supply ramp with **Electronic exchanger** which is triggered by the detection of a lack of pressure.



### Electronic manifolds

Ref.	Gas	Maximum pressure (bar)	Flow rate	Output
71200081	O <sub>2</sub>	200	150 Nm <sup>3</sup> /h.	G 1/2" RH
71200082	Ar	200	150 Nm <sup>3</sup> /h.	G 1/2" RH
71200083	Ac	25	25 Nm <sup>3</sup> /h.	G 1/2" RH

### Single Workstations

Ref.	Gas	Outlet pressure (bar)	Flow range
71600127	O <sub>2</sub>	10	30 Nm <sup>3</sup> /h
71600726	Ar	3	25 l/min.
71600801	N <sub>2</sub>	10	30 Nm <sup>3</sup> /h
71700126	Ac	1.5	5 Nm <sup>3</sup> /h
71700701	Pr	1.5	4 Nm <sup>3</sup> /h
71600733*	Ar	2.5	32 l/min.

\* With rotameter

### Twin Workstations

Ref.	Gas	Outlet press (bar)	Flow range
71700801	O <sub>2</sub> /Ac	10/1.5	30/5 Nm <sup>3</sup> /h
71700901	O <sub>2</sub> /Pr	10/1.5	30/4 Nm <sup>3</sup> /h

### Workstations with gas economisers

Ref.	Gas	Outlet press (bar)	Flow range
35600520	Ar	10	30 l/min.



Single Workstation



Workstation with rotameter

## Decompression panels



### Special panels for CNC tables

Installations designed for the continuous supply of gases to oxy-fuel cutting tables with high performance. They guarantee safety as well as the correct gas supply to the working point. It incorporates non-return valves and flame arresters at the outlet of the regulators.



### OXY CUTTING

#### Decompression panel for OXY CUTTING table

Ref	Used gas	Input pressure (P1)	Output pressure (P2)	Nominal flow
71200510	O <sub>2</sub> /Ac	200/25 bar	15/1.5 bar	120/15 Nm <sup>3</sup> /h
71200520	O <sub>2</sub> /Pr	200/25 bar	15/4 bar	120/25 Mn <sup>3</sup> /h
71200530	O <sub>2</sub> /Natural Gas	200/200 bar	15/4 bar	120/25 Nm <sup>3</sup> /h



### PLASMA

#### Decompression panel for PLASMA cutting table

Ref	Steel type	Used gas	Input pressure (P1)	Output pressure (P2)	Nominal flow
71200540	Conventional	O <sub>2</sub> /N <sub>2</sub> /Ar	200 bar	15 bar	120 Nm <sup>3</sup> /h
71200550	Stainless	O <sub>2</sub> /N <sub>2</sub> -H <sub>2</sub>	200 bar	15 bar	150 Nm <sup>3</sup> /h



### LASER

#### Decompression panel for LASER cutting table

Ref	Used gas	Input pressure (P1)	Output pressure (P2)	Nominal flow
71200560	O <sub>2</sub> /N <sub>2</sub>	200 bar	15/30 bar	120/200 Nm <sup>3</sup> /h



**MANUFACTURING SINCE 1945**



## High performance Type H cutting torches

Special oxycutting torch for CNC tables

**Characteristics:**

High performance torch for automatic cutting with gases up to 300 mm. of thickness.

**Applications:**

Professional boiler and sheet metal work with thicknesses high where high heating powers are necessary. Specific equipment for machine use.

**Type H Straight Cutter Torch**

Ref	Gas	Dimensions	Weight	Inlet thread
70220250	Ox/Propane	300 mm./ Ø 32 mm.	1.025 gr.	9/16 "RH / 9/16 "LH
70220240	Ox/Acetylene	300 mm./ Ø 32 mm.	1.025 gr.	9/16 "RH / 9/16 "LH



## High performance nozzles for Type H machine torch

**Main features:**

The design of the slots and gas outlet holes allows the cutting speed to be increased and therefore reduce the thermal input to the material and the subsequent internal stresses that it generates.

They make high-quality cuts, minimizing their width and eliminating subsequent reprocessing. They are suitable for use with low-cost fuel gases such as LPG and Natural Gas.

**For propane/natural gas**

Ref	Measurements in mm	Ability cutting in mm.	Speed mm/min.	Oxygen pressure (bar) court	Pressure Gas (bar)
75600911	000VVC	1.4 / 4.6 / 6.9	650-700-750	3.0-5.0	0.015-0.2
75600912	0VVC	9-20	300-630	5.0-6.0	0.015-0.2
75600913	0-1/2VVC	20-35	550	7.0	0.015-0.2
75600914	1VVC	35-60	400-480	7.0	0.015-0.2
75600915	1-1/2VVC	60-75	310	7.0	0.015-0.2
75600916	2VVC	75-125	240-280	7.0	0.015-0.2
75600917	2-1/2VVC	125-150	200	7.0	0.015-0.2
75600918	3VVC	150-175	180	7.0	0.015-0.2
75600919	4VVC	175-200	180	7.0	0.015-0.2
75600920	5VVC	200-225	150	6.0	0.015-0.2



These nozzles are sold individually.

## Pure gas regulators



### What is a pure gas?

The purity of a gas is the percentage value of the gas itself, the rest being impurities from other gases in the atmosphere. High purity is an indication of low content of other gases.

As it is a higher purity gas, it is considered to be of better quality, also their manufacturing process is more complex.



#### Regulators for pure gases

Ref	Material	Expansion	Name
34500000	Nickel	Regulator Single Stage Model	GPR-1N
34100000	Stainless	Regulator Single Stage Model	GPR-1S
34200000	Nickel	Double Stage Regulator Model	GPR-11N
34000000	Stainless	Double Stage Regulator Model	GPR-11S
35000000	Nickel	Regulator Model Canalisation	GPR-1LN
34800000	Stainless	Regulator Model Canalisation	GPR-1LS
34200141	Nickel	Double Stage Regulator Model	GPR-141
34500500	Nickel	Large Flow Regulator Model	GPR-2HF

#### Piping for pure gases

Ref	Material	Expansion	Name
34500550	Nickel	Decompression panel 2 inputs	GPP-2G
34500555	Nickel	Decompression panel 2 inputs	GPP-762
34500560	Nickel	Decompression panel 2 inputs	GPP-2G HF
34500570	Nickel	Semi-automatic decompression panel	GPP-4G
34500575	Nickel	Semi-automatic decompression panel	GPP-4G HF
35000410	Nickel	Panel control panel regulator	RP-GG
35000910	Nickel	Cabin panel regulator	RC-GG



### Accessories



Pressure gauges



Hoses



Pure Gases Catalogue



Info web

# Electric welding

# 2025

## PROFESSIONAL RANGE



MMA electrode welding

Pulsed TIG welding

MIG/MAG wire welding

Multiprocess equipment

Plasma cutting



80 years



1Ph

## MMA

### Smart 120 Mini Syner

Synergic pulsed MMA welding equipment

Ref.: 22300120MS



VRD  
Safety

120A  
35%

1ph

MMA

3,25

LIFT ARC

HOT START

ARC FORCE

ANTI STICK

Processes: MMA

Electrodes: Rutile - Basic - Stainless - Specials

Applications: Metal carpentry - Maintenance - Repairs

#### Basic technical features

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	10-120 A
Duty cycle MMA 40°C	120 A / 35%
Duty cycle TIG 40°C	120 A / 35%
Maximum absorbed power	5,8 Kva
No-load voltage	65 V
Dimensions (width x height x length)	100 x 150 x 250 mm.
Weight	2,5 Kg.



#### It includes:

##### Briefcase

Earth clamp + cable 2.5 m.  
Electrode holder clamp + cable 3 m.  
Metal brush with pickaxe.  
Nylon strap for transport

#### Recommended basic equipment:



Electrodes 3,25 mm.  
Ref.: 23301632PQ



Electronic mask  
9-13. Ref.: 5998F

Minimum size: 10 x 15 x 25 cm.  
Minimum weight: 2.5 Kg.  
Synergic control with LED panel



1Ph

## Smart FLUX 105

Compact flux-cored wire welding equipment

Ref.: 22300105AF



#### Main advantages :

- Much easier to apply than with an electrode.
- Less constant change of filler material.
- Very simple and intuitive.
- No need for gas.
- Single-phase machine with domestic socket.
- 1 kg wire spool.
- Welds thicknesses up to 4 mm.

#### Description :

FCAW (Flux-cored Arc Welding); continuous welding process with filler metal cored wire. No shielding gas is required.

It is faster and easier to use than electrode welding.

#### Applications :

For welding carbon steels, which is the most widely used metal in modern industry.

#### Basic technical features

Supply voltage (U1 50/60 Hz)	(1F) 230V ±15%
Maximum primary current (I1max)	13.4 A
Effective primary current (I1eff)	6 A
Continuous regulation range I2min-I2max	20-100 A
Maximum welding current I2max.	90 A / 20%
Nominal welding current (100%.)	45 A
Welding voltage U2min-U2max.	16.3-19 V
Applicable wire diameter	0.8 mm. (Cored wire)
Thermal insulation	F (155° C)
Degree of protection	IP21S
Ventilation	Forced air
Overall dimensions ( L x W x H ) mm.	318 x 135 x 240
Weight	5.4 Kg.

#### It includes:

Earth clamp + cable.  
Torch + cable.  
Flux-cored wire 1 kg.



1Ph

# MMA

## Smart 160 MMA

MMA Electrode Welding Equipment



Réf. : 22300160MMA



Processes: MMA

**Electrodes:**  
Rutile - Basic  
Stainless - Specials

**Applications:**  
Metal carpentry  
Maintenance  
Repairs

### Basic technical features

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	20A ÷ 160A
Duty cycle MMA 40°C	160 A / 35%
Duty cycle TIG 40°C	160 A / 35%
Maximum absorbed power	8.1 Kva
No-load voltage	63 V
Dimensions (width x height x length)	110 x 170 x 260 mm
Weight	3.2 kg.

### It includes:

Tool Box  
Earth clamp + cables incl.  
Electrode holder clamp + cable incl.  
Metal brush and welding hammer  
Removable electronic mask  
Nylon carrying strap

### Recommended basic equipment:



Electrodes 3.25 mm.  
Ref.: 23301632PQ



Electronic mask  
9-13. Ref.: 5998F



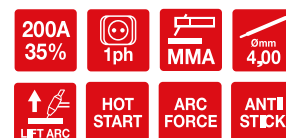
1Ph

## Smart 200 MMA

TIG DC / MMA Electrode Welding Equipment



Réf. : 22300200MMAVI



Processes: MMA - TIG DC Lift

**Electrodes:** Rutile - Basic  
Stainless - Specials

**Applications:**  
Metal carpentry  
Maintenance - Repairs

### Basic technical features

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	10A ÷ 200A
Duty cycle MMA 40°C	200 A / 35%
Duty cycle TIG 40°C	200 A / 35%
Maximum absorbed power	9.2 Kva
No-load voltage	65 V.
Dimensions (width x height x length)	237 x 300 x 400 mm
Weight	4.7 kg.



### It includes:

Tool Box  
Earth clamp + cable incl.  
Electrode holder clamp + cable incl.  
Metal brush and welding hammer  
Removable electronic mask  
Carrying strap

### Recommended basic equipment:



Electrode 4.00 mm.  
Ref.: 23301644PQ



Electronic mask  
9-13. Ref.: 5998F

### Recommended optional TIG

Pressure regulator for Argon - CO <sub>2</sub>	36500001
SR17 V 4M TIG torch	19051704P
Tungsten electrodes box Ø 2,4 Black	750244C

(\*) See TIG torch consumables and rod options



1Ph

## MMA

### Atlantic 180 MMA

TIG DC / MMA Electrode Welding Equipment

Réf.: 22290180AC



**Processes:**  
MMA - TIG DC Lift

**Electrodes:**  
Rutile - Basic  
Stainless - Specials

**Applications:**  
Metal carpentry  
Maintenance  
Repairs

#### Basic technical features

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	10A ÷ 180A
Duty cycle MMA 40°C	180 A / 35%
Duty cycle TIG 40°C	180 A / 35%
Maximum absorbed power	8 Kva
No-load voltage	65 V.
Dimensions (width x height x length)	130 x 206 x 313 mm
Weight	4.7 kg.

#### It includes:

Cable with earth clamp and electrode holder clamp.

#### Recommended basic equipment:



Electrode 3.25 mm.  
Ref.: 23301632PQ



Electronic mask  
9-13. Ref.: 5998F



#### Recommended optional TIG

Pressure regulator for Argon - CO <sub>2</sub>	36500001
SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 2,4 Black	750244C

(\*) See TIG torch consumables and rod options

1Ph

### Atlantic 200 MMA

TIG DC / MMA Electrode Welding Equipment

Réf.: 22290202AC



**Processes:**  
MMA - TIG DC Lift

**Electrodes:**  
Rutile - Basic  
Stainless - Specials

**Applications:**  
Metal carpentry  
Maintenance  
Repairs

#### Basic technical features

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	10A ÷ 200A
Duty cycle MMA 40°C	200 A / 35%
Duty cycle TIG 40°C	200 A / 35%
Maximum absorbed power	9.4 Kva
No-load voltage	65 V.
Dimensions (width x height x length)	130 x 206 x 351 mm
Weight	5.2 kg.

#### It includes:

Cable with earth clamp and electrode holder clamp.

#### Recommended basic equipment:



Electrode 4.00 mm.  
Ref.: 23301644PQ



Electronic mask  
9-13. Ref.: 5998F



#### Recommended optional TIG

Pressure regulator for Argon - CO <sub>2</sub>	36500001
SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 2,4 Black	750244C

(\*) See TIG torch consumables and rod options



1Ph

# MMA

## Kennedy 160 Syner

TIG DC / MMA Electrode Welding Equipment

Réf. : 22300160DGT



48 electrodes  
Ø 3.25 mm.  
X HOUR

**Processes:**  
MMA with Synergic mode  
TIG DC Lift

**Electrodes:** Rutile - Basic  
Stainless - Specials

**VRD system:**  
Voltage reduction  
for safe ignition

**Applications:**  
Metal carpentry  
Maintenance - Repairs



160A 35%	1ph	MMA	Ømm 3,25
LIFT ARC	HOT START	ARC FORCE	ANTI STICK

### Basic technical features

Supply voltage	1 Ph 230V ± 15% - 50/60 Hz.
Regulation range	10A ÷ 160A
Duty cycle MMA 40°C	160 A / 35%
Duty cycle TIG 40°C	160 A / 35%
Maximum absorbed power	5 Kva
No-load voltage	67 V.
Dimensions (width x height x length)	120 x 220 x 380 mm
Weight	4.2 kg.

VRD  
Safety



**It includes:**

- Tool Box
- Earth clamp + cable incl.
- Electrode-holder clamp
- Metal brush and welding hammer

**Recommended basic equipment:**



Electrodes 3.25 mm.  
Ref.: 23301632PQ



Electronic mask  
9-13. Ref.: 5998F

### Recommended optional TIG

Pressure regulator for Argon -CO <sub>2</sub>	36500001
SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 2.4 Black	750244C

(\*) See TIG torch consumables and rod options

1Ph

## Kennedy 200 Syner

TIG DC / MMA Electrode Welding Equipment

Réf. : 22300200DGT



32 electrodes  
Ø 4.00 mm.  
X HOUR

**Processes:**  
MMA with Synergic mode  
TIG DC Lift

**Electrodes:** Rutile - Basic  
Stainless - Specials

**VRD system:**  
Voltage reduction  
for safe ignition

**Applications:**  
Metal carpentry  
Maintenance - Repairs



200A 35%	1ph	MMA	Ømm 4,00
LIFT ARC	HOT START	ARC FORCE	ANTI STICK

### Basic technical features

Supply voltage	1 Ph 230V ± 15% - 50/60 Hz.
Regulation range	10A ÷ 200A
Duty cycle MMA 40°C	200 A / 35%
Duty cycle TIG 40°C	200 A / 35%
Maximum absorbed power	5 Kva
No-load voltage	67 V.
Dimensions (width x height x length)	120 x 220 x 380 mm
Weight	4.2 kg.

VRD  
Safety



**It includes:**

- Tool Box
- Earth clamp + cable incl.
- Electrode-holder clamp
- Metal brush and welding hammer

**Recommended basic equipment:**



Electrode 4.00 mm.  
Ref.: 23301644PQ



Electronic mask  
9-13. Ref.: 5998F

### Recommended optional TIG

Pressure regulator for Argon - CO <sub>2</sub>	36500001
SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 2.4 Black	750244C

(\*) See TIG torch consumables and rod options

# Battery welding

**Batt** **MMA**

## Smart 150 MMA Battery

MMA autonomous welding equipment with battery

Ref.: 22300150BT



**No need for mains power**  
**More than 1 hour autonomy**  
**Fast charging**

### Description:

New, innovative autonomous welding equipment with battery for electrode.

Ideal for those works in which portability is essential and there is no electrical power in the work area.

**Processes:** MMA

### Electrodes:

Rutile - Basic - Stainless

### Applications:

Metal carpentry - Maintenance - Repairs



### Great Autonomy:

105 electrodes Ø 2.5 mm.  
45 electrodes Ø 3.25 mm.

### Main advantages of this equipment:

- High-capacity battery with short charging time.
- Easy-to-transport, portable design.
- Overheating protection
- Easy to read battery level indicator.
- Smart ventilation system (eco-ventilator)

### It includes:

Cable with earth clamp  
Electrode-holder clamp  
Lithium batteries  
Battery charger

### Recommended basic equipment:



Electrodes 3.25 mm.  
Ref.: 23301632PQ



Electronic mask  
9-13. Ref.: 5998F



### Basic technical features

Storage battery	Lithium batteries
Battery capacity	48V - 50.000 mAh
Charging system	230V connection charger
Charging time	3.5 h. (10A)
Duty cycle MMA 40°C	150 A / 10%
Maximum absorbed power	3.7 Kva
Dimensions (width x height x length)	460 x 215 x 350 mm
Weight	22.5 kg.

1Ph

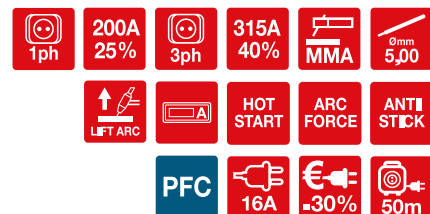
**MMA**

## Smart PRO 5.0 PFC

TIG DC / MMA Electrode Welding Equipment



Ref.: 22300315



**Processes:**

MMA - MMA CEL - TIG DC Lift

**Electrodes:**

Rutile - Basic - Stainless - Specials

**Applications:** Metal carpentry and boilermaking

Shipyards - Maintenance - Craft industry

Bodywork - Mechanical workshop

Sheet metal shop - Building sector

Electricians - Repairs

## What is the PFC?

**3 Advantages:**

- 1 Lower consumption, saving of up to 30%.
- 2 Use on home networks
- 3 Use of equipment with extensions cord up to 50 m without voltage drop.

**Basic technical features**

Supply voltage	1Ph / 3Ph 208÷440V ± 10% - 50/60 Hz.
Regulation range	1Ph = 5 A-200 A   3Ph = 5 A-315 A
Duty cycle MMA 40°C	1Ph 200 A / 25% 3Ph 315 A / 40%
Duty cycle TIG 40°C	1Ph 250 A / 25% 3Ph 315 A / 40%
Maximum absorbed power	15.9 Kva
No-load voltage	90 V.
Dimensions (width x height x length)	235 x 435 x 535 mm
Weight	22 kg.



- 1 Welding current control display
- 2 ON / OFF LED
- 3 Alarm LED for overvoltage, overheating, etc.
- 4 Welding current regulator
- 5 Conversion Switch
- 6 ARC FORCE indicator
- 7 HOT START indicator
- 8 ARC LENGTH indicator
- 9 Electrode LED

**It includes:**

Cable with earth clamp  
Electrode-holder clamp

**Recommended basic equipment:**



Electrode 4.00 mm.  
Ref.: 23301644PQ

Electronic mask  
9-13. Ref.: 5998F



**Recommended optional TIG**

Pressure regulator for Argon - Co <sub>2</sub>	36500001
SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 2.4 Black	750244C

(\*) See TIG torch consumables and rod options

3Ph

**MMA**

**Smart 400 MMA**

TIG DC / MMA Electrode Welding Equipment



**VRD  
Safety**

**It includes:**

Cable with earth clamp  
Electrode-holder clamp  
Remote control with cable of 10 m incl.

**Recommended basic equipment:**



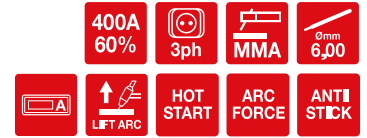
Electrode 4.00 mm.  
Ref.: 23301644PQ



Electronic mask  
9-13. Ref.: 5998F



Ref.: 22300400E



**Basic technical features**

Supply voltage	3 Ph 400V ± 10% - 50/60 Hz.
Regulation range	30A ÷ 400A
Duty cycle MMA 40°C	400 A / 60%
Duty cycle TIG 40°C	400 A / 60%
Maximum absorbed power	17.5 Kva
No-load voltage	72 V.
Dimensions (width x height x length)	618 x 330 x 441 mm
Weight	19 kg.

**Applications:**

Metal carpentry and boilermaking - Shipyards  
Maintenance - Craft industry - Bodywork  
Mechanical workshop - Sheet metal shop  
Building sector - Electricians - Repairs

**Recommended optional TIG**

Pressure regulator for Argon - Co <sub>2</sub>	36500001
SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 3.2 Black	750324C

(\*) See TIG torch consumables and rod options



1Ph

## Professional Pulsed TIG



### Smart 210 TIG Pulse

Inverter welding equipment for Pulsed TIG and MMA

Ref.: 22300210TS



**S.STEEL**

**Processes:**  
Pulsed TIG - TIG DC HF - MMA

**Materials:**  
Carbon steel and stainless steel

**Applications:**  
Light metal carpentry  
Maintenance  
Repairs - Sheet metal shop

#### Basic technical features

Supply voltage	1Ph 230 V ± 15% - 50/60 Hz.
Regulation range	10 A ÷ 200 A
Duty cycle TIG 40°C	200 A / 35%
Duty cycle MMA 40°C	180 A / 30%
Maximum absorbed power	8,2 Kva
Dimensions (width x height x length)	135 x 277 x 365 mm.
Weight	6,1 Kg.



**It includes:**

Gas hose and earth clamp + cable

The electrode-holder clamp not included

**Recommended basic equipment:**



1Ph

## Smart 200 TIG Pulse AC/DC

Inverter welding equipment for Pulsed TIG and MMA

Ref.: 22300200TACDC



**S.STEEL**

**ALU**

**Processes:**  
Pulsed TIG - TIG AC  
TIG DC HF - MMA

**Materials:**  
Carbon steel, stainless steel  
and aluminium

**Applications:**  
Light metal carpentry  
Maintenance  
Repairs - Sheet metal shop

#### Basic technical features

Supply voltage	1Ph 230 V ± 15% - 50/60 Hz.
Regulation range	30A ÷ 200A
Duty cycle TIG 40°C	200 A / 25%
Duty cycle MMA 40°C	160 A / 30%
Maximum absorbed power	6,9 Kva
Dimensions (width x height x length)	165 x 328 x 439 mm
Weight	11 kg.



**It includes:**

Gas hose and earth clamp + cable

The electrode-holder clamp not included

**Recommended basic equipment:**



3Ph

# Professional Pulsed TIG

## Smart 400 TIG Pulse

Inverter welding equipment for Pulsed TIG and MMA

Ref. : 22300400T



**Processes:**

TIG Pulse - TIG DC HF - MMA

**Materials:**

Carbon and stainless steels

**Applications:**

Metal carpentry and boilermaking  
Shipyards - Maintenance - Craft industry  
Bodywork - Mechanical workshop  
Sheet metal shop - Building sector  
Electricians - Repairs

**Basic technical features**

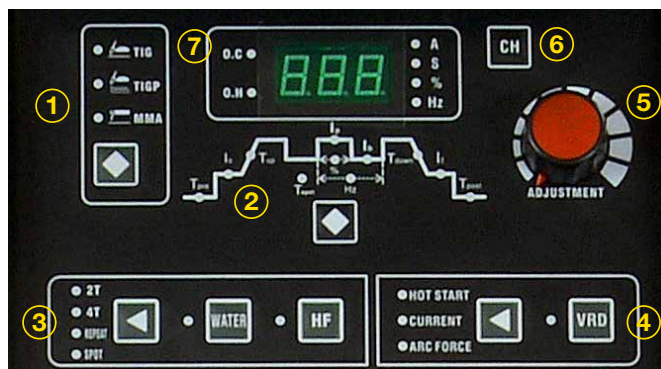
Supply voltage	3Ph 230/400 V ± 15% - 50/60 Hz.
Regulation range	30A ÷ 400A
Duty cycle TIG 40°C	400 A / 50%
Duty cycle MMA 40°C	400 A / 30%
Maximum absorbed power	17.9 Kva
Dimensions (width x height x length)	297 x 528 x 595 mm
Weight	30 kg.



**S.STEEL**



- Mode selection ①
- TIG cycle parameters selection ②
- TIG modes selection ③
- MMA parameters selection ④
- Parameter setting knob ⑤
- Selection change push-button ⑥
- Parameter and protection indicator ⑦



**It includes:**

Cable with earth clamp and connector, transport trolley, cooling unit, remote control pedal. Assembled and tested equipment.

**Recommended basic equipment:**



18E TIG Torch  
Ref.: 19051814P



E-TIG Set  
Ref.: ETIG



See rods in the welding accessories section



Tungstens Ø 2.4 Black  
Ref.: 750244C



TIG Mask 1/1/1  
Ref.: 51259B



Pressure regulator  
Ref.: 36500001



Torch coolant liquid 10l.  
Ref.: 39200094

The electrode-holder clamp not included

3Ph

# Professional Pulsed TIG



## Smart 315 TIG Pulse AC/DC

Inverter welding equipment for Pulsed TIG and MMA

Ref.: 22300315ACDCKIT



**Processes:**  
TIG Pulse - TIG AC  
TIG DC - MMA

**Materials:**  
Carbon steel  
Stainless  
and aluminium

**Applications:**  
Metal carpentry  
Boilermaking - Main-  
tenance - Repairs  
services - Sheet  
metal shop

### Basic technical features

Supply voltage	3Ph 230/400 V ± 10% - 50/60 Hz.
Regulation range	30 A ÷ 320 A
Duty cycle TIG 40°C	315 A / 20%
Duty cycle MMA 40°C	250 A / 20%
Maximum absorbed power	9 Kva
Dimensions (width x height x length)	365 x 560 x 355 mm.
Weight	35 Kg.

**S.STEEL**

**ALU**



**It includes:**

Gas hose - Cable with earth clamp - Transport trolley  
Cooling unit - **5-metre foot control**  
Assembled and tested equipment.

**Recommended basic equipment:**



18E TIG Torch  
Ref.: 19051814P



E-TIG Set  
Ref.: ETIG



See rods in the welding  
accessories section



Tungsten Ø 3.2 Black  
Ref.: 750244C



TIG Mask 1/1/1  
Ref.: 51259 B



Pressure regulator  
Ref.: 36500001



Torch coolant liquid 10l.  
Ref.: 39200094



1Ph

# Multiprocess

**NEW**

## Smart 200 MP Syner

Multiprocess equipment for MIG/MAG - MMA - TIG DC welding

Ref.: 22300200MPS



Wire  
Electrode  
Rod

**Processes:** MIG/MAG - Flux-cored - MMA - TIG DC Lift

**Materials:** Carbon steel - Stainless steel - Aluminium

**Electrodes:** Rutile - Basic - Stainless

**Applications:**

Sheet metal shop - Repair and Maintenance services

### Basic technical features

Supply voltage	1 Ph 110/230 V ± 10 % - 50/60 Hz.
Regulation range	25 A ÷ 180 A
Duty cycle MIG/MAG 40°C	200 A / 40 %
MMA duty cycle 40°C	160 A / 60 %
TIG 40°C duty cycle	125 A / 100 %
Maximum power input	9,4 Kva
Maximum wire speed.	15 m/min.
Dimensions (Width x Height x Length)	225 x 345 x 460 mm.
Weight	10,2 Kg.

### Recommended optional TIG

SR26 V 4 m TIG torch.	19052604P
Black tungsten box Ø 2,4	750244C
KIT of consumables for TIG Torches	ETIG

(\*) See welding rod options in the welding accessories section.



- 1 Welding voltage adjustment and synergic correction
- 2 Adjustment of power and welding functions.
- 3 Selection of wire diameter (mm) for MIG welding.
- 4 Selection of material and gas for MIG welding.
- 5 Selection of welding mode:  
MIG Synergic, MIG manual, TIG DC Lift Arc, MMA.
- 6 Selection of torch pulse mode for MIG welding.  
MIG: 2-stroke, 4-stroke, spot welding.
- 7 Welding parameters

### Recommended basic equipment:



25 MIG Torch  
Ref.: 880025P

Consumables set  
Ref.: EMIG25

To obtain 5 kg. wire reels  
Please, contact us.

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 36500001



3Ph

## Multiprocess

### Smart MIG 350 MPV1

Multiprocess equipment for MIG/MAG - MMA - TIG DC welding

Ref.: 22300350MPV1



**Processes:**

MIG/MAG - MMA - TIG DC Lift

**Materials:**

Carbon steel - Stainless - Aluminium

**Applications:**

Metal carpentry - Maintenance - Craft industry  
Bodyworks - Mechanical workshop - Building sector  
Electricians - Repairs

**Basic technical features**

Supply voltage	3 Ph 400V - 50/60 Hz.
Regulation range	50 A ÷ 350 A
Duty cycle MIG/MAG 40°C	350 A / 40 %
Duty cycle MMA 40°C	350 A / 40 %
Duty cycle TIG 40°C	350 A / 40 %
Maximum absorbed power	15 Kva
Maximum wire speed	18 m/min.
Dimensions (width x height x length)	450 x 755 x 900 mm.
Weight	52 Kg.

**It includes:**

- Gas hose
- Cable with earth clamp
- Transport trolley
- Assembled and tested equipment.

**Recommended optional TIG**

SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 3.2 Black	750324C
TIG Torch consumables KIT	ETIG

(\*) See rods options in the welding accessories section.



**VRD  
Safety**

**VRD system:**

Voltage reduction for safe ignition

**Recommended basic equipment:**



36 MIG Torch  
Ref.: 880036P



Consumables Kit  
Ref.: EMIG36



See the wire reel in the welding accessories section



Electronic mask  
9-13. Ref.: 5998F



Pressure regulator  
Ref.: 36500001



3Ph

## Multiprocess

### Smart MIG 500 MP

Multiprocess equipment for MIG/MAG - MMA - TIG DC welding

Ref.: 22300500MPKIT



**Processes:**

- MIG/MAG
- MMA
- TIG DC Lift

**Materials:**

- Carbon steel
- Stainless
- Aluminium

**Applications:**

- Metal carpentry
- Boilermaking
- Maintenance
- Craft industry
- Bodywork
- Mechanical workshop
- Building sector
- Electricians
- Repairs

**Basic technical features**

Supply voltage	3 Ph. 400V - 50/60 Hz.
Regulation range	50A + 500A
Duty cycle MIG/MAG 40°C	500 A / 60%
Duty cycle MMA 40°C	500 A / 60%
Duty cycle TIG 40°C	500 A / 60%
Maximum absorbed power	20 Kva
Maximum wire speed	18 m/min.
Dimensions (width x height x length)	285 x 595 x 543 mm
Weight	35 kg.

**It includes:**

- Wire feeder unit WF-4R
- Transport trolley and bottles support
- WCS Cooling Unit
- Cooled cable set, 5 m or 10 m
- Drive rolls 1.0 - 1.2 "V"
- Cable with earth clamp
- Assembled and tested equipment.

**Recommended optional TIG**

SR26 V 4M TIG Torch	19052604P
Tungsten electrodes box Ø 3.2 Black	750324C
TIG Torch consumables KIT	ETIG

(\*) See rods options in the welding accessories section.



- ① MMA welding intensity adjustment
- ② Crater final intensity adjustment
- ③ 2S/4S torch mode switch
- ④ Gas purge
- ⑤ Ammeter (Welding intensity)
- ⑥ ON / OFF LED
- ⑦ Overheating indicator LED
- ⑧ Overload indicator LED
- ⑨ TIG/MMA/MIG process selection
- ⑩ Voltmeter (Welding voltage)
- ⑪ Crater final intensity adjustment
- ⑫ Inductance regulator

**Recommended basic equipment:**



501 MIG Torch  
Ref.: 8800501P

Consumables Kit  
Ref.: EMIG501

See the wire reel in the welding accessories section

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 36500001

Torch coolant liquid 10l.  
Ref.: 39200094



1Ph

## Plasma cutting

### Smart CUT 45 PFC

Inverter Equipment for Plasma Cutting



A compressor is needed to operate the equipment.

**Recommended basic accessories:**



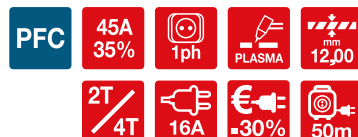
Accessories Kit  
PT-40 Torch  
Ref.: KITPT40

**The 3 advantages of PFC:**

- 1 Lower consumption, saving of up to 30%.
- 2 Use on home networks
- 3 Use of equipment with extensions cord up to 50 m without voltage drop.



Ref.: 2230045PFC



**Basic technical features**

Supply voltage	1 Ph 230 V ± 10% - 50/60 Hz
Regulation range	20A ÷ 45A
Duty cycle	45 A / 35%
Maximum absorbed power	5.3 Kva
Maximum cutting thickness	15 mm.
Minimum air flow needed	170 l/min.
Recommended compressor	4.5 - 5.5 bar
Dimensions (width x height x length)	165 x 439 x 328 mm
Weight	10 kg.

**Cutting thickness**

Cutting type	Steel	Aluminium
Separation	15 mm.	10 mm.
Quality	12 mm.	8 mm.
Technician	8 mm.	5 mm.



3Ph

## Smart CUT 850

Inverter Equipment for Plasma Cutting



A compressor is needed to operate the equipment.

**Recommended equipment for installations automated with CNC**

**Recommended basic accessories:**



Accessories  
Kit TH-125 torch  
Ref.: KIT TH125



Ref.: 22300850C



**Basic technical features**

Supply voltage	3 Ph. 400 V ± 15% - 50/60 Hz
Regulation range	20 A ÷ 85 A
Duty cycle	85 A / 100%
Maximum absorbed power	13,7 Kva
Maximum cutting thickness	38 mm.
Minimum air flow needed	175 ÷ 295 l/min.
Recommended compressor	5 ÷ 6 bar
Dimensions (width x height x length)	470 x 250 X 200 mm.
Weight	26,1 Kg.

**Cutting thickness**

Cutting type	Steel	Aluminium
Separation	38 mm.	25 mm.
Quality	32 mm.	20 mm.
Gouged		Yes
Grating		Yes
Fit for CNC		Yes
Max Pinning	7 mm	--



**3Ph Plasma cutting**

**Smart CUT 1050**

Inverter Equipment for Plasma Cutting

Ref.: 223001050C



A compressor is needed to operate the equipment.

**Processes:**  
Plasma cutting

**Materials:**  
Carbon steel - Galvanised  
Stainless - Aluminium  
Casting - Copper

**Applications:**  
Medium Carpentry - Shipyards  
Bodywork - Mechanical workshops  
Sheet metal workers - Construction

**Includes:**  
TH-125 6m torch  
Ref.:1603721CX  
Gas tube - Cable with ground connection



**Basic technical features**

Supply voltage	3 Ph. 400 V ± 10% - 50/60 Hz
Regulation range	20 A ÷ 100 A
Duty cycle	100 A / 100%
Maximum absorbed power	15 Kva
Maximum cutting thickness	45 mm.
Minimum air flow needed	480 L/min.
Recommended compressor	4 Cv.
Dimensions (width x height x length)	310 x 535 X 620 mm.
Weight	36 Kg.

**Cutting thickness**

Cutting type	Steel	Aluminium
Separation	45 mm.	35 mm.
Quality	35 mm.	30 mm.

**Recommended equipment for installations automated with CNC**

**Recommended basic accessories:**



Accessories  
Kit TH-125 Torch  
Ref.: KIT TH125



**3Ph Smart CUT 1250**

Inverter Equipment for Plasma Cutting

Ref.: 223001250C



A compressor is needed to operate the equipment.

**Processes:**  
Plasma cutting

**Materials:**  
Carbon steel - Galvanised  
Stainless - Aluminium  
Casting - Copper

**Applications:**  
Medium Carpentry - Shipyards  
Bodywork - Mechanical workshops  
Sheet metal workers - Construction

**Includes:**  
UPH-160 6m Torch  
Ref.:1603921CX  
Gas hose - Cable with earth clamp



**Basic technical features**

Supply voltage	3 Ph. 400 V ± 15% - 50/60 Hz
Regulation range	20 A ÷ 125 A
Duty cycle	125 A / 100%
Maximum absorbed power	23,6 Kva
Maximum cutting thickness	60 mm.
Minimum air flow needed	175 ÷ 295 L/min.
Recommended compressor	5 ÷ 6 bar
Dimensions (width x height x length)	310 x 535 X 620 mm.
Weight	37,5 Kg.

**Cutting thickness**

Cutting type	Steel	Aluminium
Separation	60 mm.	35 mm.
Quality	45 mm.	30 mm.
Gouged		Yes
Grating		Yes
Fit for CNC		Yes
Max Pinning	11 mm	--

**Recommended equipment for installations automated with CNC**

**Recommended basic accessories:**



Accessories  
Kit UPH-160 torch  
Ref.: KITUPH160



# Electric welding

# 2025

## INDUSTRIAL RANGE

MMA electrode welding

Rectifiers

Pulsed TIG welding

MIG/MAG wire welding

Multiprocess Synergic Equipments

Spot welding

Wire Feeder Units

80 years

1Ph **MMA**

## Gala 1600 MMA Syner

Synergic pulsed MMA welding equipment

**NEW**



Ref.: 22300160GS



**Processes:** MMA with synergic mode - TIG DC Lift

**Electrodes:** Rutile - Basic - Stainless - Specials

**VRD system:** Safety system for the control of the starting voltage.

**Applications:** Metal carpentry - Maintenance - Repairs

### Basic technical characteristics

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	20 A ÷ 160 A
Duty cycle MMA 40°C	160 A / 35%
Duty cycle TIG 40°C	160 A / 35%
Maximum absorbed power	7,8 Kva
No-load voltage	66 V
Dimensions (width x height x length)	135 x 242 x 338 mm.
Weight	3,9 Kg.

### Recommended optional TIG

Pressure regulator for Argon - CO <sub>2</sub>	37600000
SR26 V 4 m. TIG torch	19052604P
Tungsten electrodes box Ø 2,4 Black	750244C

(\*) See consumables for TIG Torches and rod options.



- 1 Electric arc welding process selection indicator
- 2 Pulsed arc welding process selection indicator
- 3 DC TIG welding process selection indicator
- 4 HOt-Start setting, makes arc starting easier
- 5 ARC Force, improves arc stability
- 6 Pulsing frequency adjustment indicator
- 7 VRD - Reduces vacuum voltage to avoid electric shocks
- 8 Electrode diameter indicator



Transport case and accessories included

### Recommended basic equipment:



Electrode 3.25 mm.  
Ref.: 23301632PQ



Electronic mask  
9-13. Ref.: 5998F



Electrode accessories  
Ref.: 259040



1Ph

**MMA**

**Gala 2000 MMA Syner**

Synergic pulsed MMA welding equipment



Ref.: 22300200GS

200A 35%	1ph	MMA	Ømm 4,00	PULSE
SYN	LIFT ARC	HOT START	ARC FORCE	ANTI STICK
				E>0.85



**Processes:** MMA with synergic mode - TIG DC Lift

**Electrodes:** Rutile - Basic - Stainless - Specials

**VRD system:** Safety system for the control of the starting voltage.

**Applications:** Metal carpentry - Maintenance - Repairs

**Basic technical characteristics**

Supply voltage	1 Ph 230V ± 10% - 50/60 Hz.
Regulation range	20 A ÷ 200 A
Duty cycle MMA 40°C	200 A / 35%
Duty cycle TIG 40°C	200 A / 35%
Maximum absorbed power	9,7 Kva
No-load voltage	66 V.
Dimensions (width x height x length)	135 x 242 x 338 mm.
Weight	4,5 Kg.

**Recommended optional TIG**

Pressure regulator for Argon - CO <sub>2</sub>	37600000
SR26 V 4 m. TIG torch	19052604P
Tungsten electrodes box Ø 2,4 Black	750244C

(\*) See consumables for TIG Torches and rod options.



Electric arc welding process selection indicator	1
Pulsed arc welding process selection indicator	2
DC TIG welding process selection indicator	3
HOT-Start setting, makes arc starting easier	4
ARC Force, improves arc stability	5
Pulsing frequency adjustment indicator	6
VRD - Reduces vacuum voltage to avoid electric shocks	7
Electrode diameter indicator	8



**Recommended basic equipment:**



Transport case and accessories included



Electrode 4,00 mm.  
Ref.: 23301644PQ



Electronic mask  
9-13. Ref.: 5998F



Electrode accessories  
Ref.: 259040





3Ph

**MMA**

**Gar 4TT / 5T / 6T**



Ref.: 46851000 - Gar 4T 220/400V 60 Hz.

**Electromechanical rectifiers  
for electrode arc welding**

**Processes:** MMA - TIG DC Lift  
**Electrodes:** Basic - Rutile - Specials

**Applications:**  
Metallic carpentry and boilermaking  
Equipment construction - Petrochemicals  
Railway Industry - Maintenance  
Mechanical workshops - Repairs  
Sheet metal workers

Réf. : Gar 4TT : 4688600TT



**Basic technical features**

Supply voltage	3 Ph 230/400V ± 10% - 50 Hz.
Regulation range	15A ÷ 400A
Duty cycle MMA 40°C	400A / 45%
Maximum absorbed power	28 Kva
No-load voltage	72V
Dimensions (width x height x length)	560 x 670 x 800 mm.
Weight	125 kg.



Ref.: 2600501 - Gar 5T 220/400V 60 Hz.

**Processes:** MMA - TIG DC Lift  
**Electrodes:** Basic - Rutile - Specials

**Applications:**  
Metallic carpentry and boilermaking  
Equipment construction - Petrochemicals  
Railway Industry - Maintenance  
Mechanical workshops - Repairs  
Sheet metal workers

Réf. : Gar 5T : 2600500



**Basic technical features**

Supply voltage	3 Ph 230/400V ± 10% - 50 Hz.
Regulation range	40A ÷ 500A
Duty cycle MMA 40°C	500A / 45%
Maximum absorbed power	34 Kva
No-load voltage	72V
Dimensions (width x height x length)	790 x 600 x 970 mm.
Weight	160 kg.



Ref.: 2600660 - Gar 6T 220/400V 60 Hz.

**Processes:** MMA - TIG DC Lift - Air-Arc  
**Electrodes:** Basic - Rutile - Specials

**Applications:**  
Metallic carpentry and boilermaking  
Equipment construction - Petrochemicals  
Railway Industry - Maintenance  
Mechanical workshops - Repairs  
Sheet metal workers

Réf. : Gar 6T : 2600600



**Basic technical features**

Supply voltage	3 Ph 230/400V ± 10% - 50 Hz.
Regulation range	55A ÷ 600A
Duty cycle MMA 40°C	600A / 45%
Duty cycle TIG 40°C	600A / 40%
Maximum absorbed power	41 Kva
No-load voltage	72V
Dimensions (width x height x length)	790 x 600 x 970 mm.
Weight	170 kg.

**Recommended basic equipment Gar 4TT / 5T / 6T:**



Electrodes 4.00 mm.  
Ref.: 23301644PQ



Electronic mask  
9-13. Ref.: 5998F



Electrode accessories  
Ref.: 259049

**Recommended optional TIG**

Pressure regulator for Argon - CO <sub>2</sub>	37600000
SR26 "V" TIG Torch - 4 m.	19052604P
Tungsten electrodes box Ø 2.4 Black	750244C
TIG Torch consumables KIT	ETIG

3Ph

## Industrial Pulsed TIG

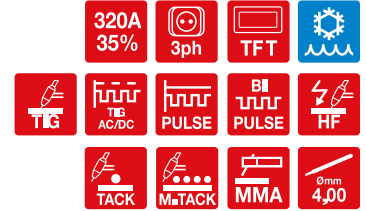
### Gala 3200 TIG Pulse AC/DC

Compact industrial inverter welding equipment for Pulsed TIG

Réf. : 47000000

S.STEEL

ALU



#### Description:

The Gala Gar 3200 AC/DC is an latest generation industrial inverter technology equipment for welding via DC TIG, AC TIG and MMA coated electrode processes.

Suitable for TIG welding of all materials, especially stainless steel and all types of aluminium.

**Processes:** TIG Pulse - TIG Bi-Pulse - TIG AC - TIG DC HF  
MMA - Tack and M-Tack

#### Materials:

Carbon steel, stainless steel and aluminium

#### Applications:

Metal carpentry and boilermaking - Automobile industry  
Chemical and paper industry - Bodywork manufacturing  
Sports and livestock facilities - Urban furniture - Repairs  
Maintenance - Building sector - Training centres.

#### Basic technical features

Supply voltage	3Ph 400V ± 15% - 50/60 Hz.
Regulation range	20A ÷ 300A
Duty cycle TIG 40°C	320A / 35%
Duty cycle MMA 40°C	300A / 20%
Maximum absorbed power	13.2 Kva
Dimensions (width x height x length)	267 x 451 x 625 mm.
Weight	35 kg.



#### 6 differentiating features of the equipment to consider:

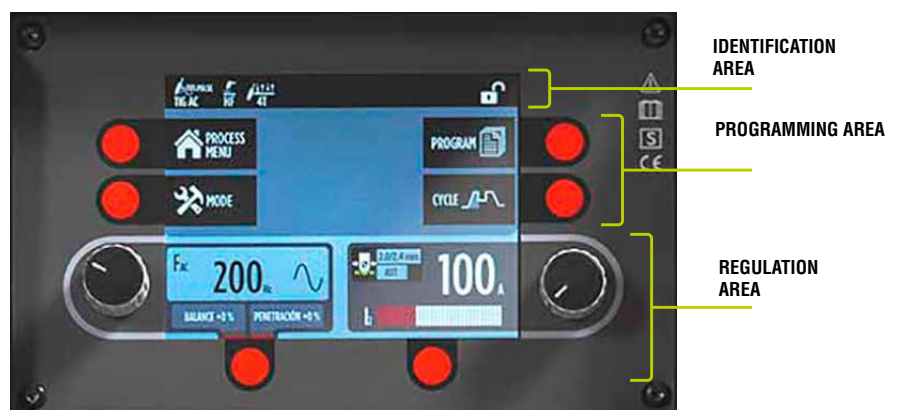
##### 1 Easier and more intuitive handling:

We have a single display to control the equipment with 3 perfectly delimited areas, achieving ease and speed in its handling.

A - Identification area: shows the current configuration of the equipment.

B - Programming area: Access to the programming parameters and the welding cycle.

C - Regulation area: visualisation of the available parameters for each selected programme.

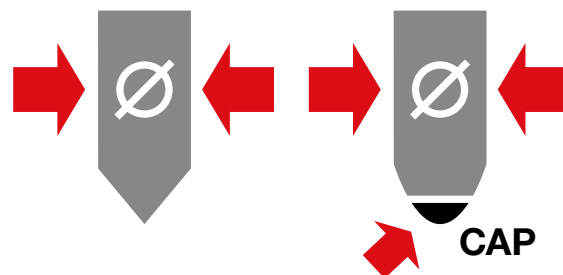




## Gala 3200 TIG Pulse AC/DC

### 2 Assignment of tungsten diameter and creation of a spherical Cap:

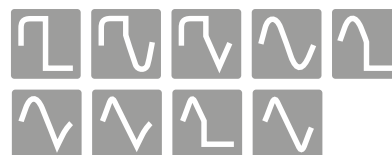
It suggests a tungsten Ø depending on the regulation of welding and in TIG AC it reports the growth of the cap by excess intensity, improving the performance of the tungsten and reducing the stops for sharpening.



### 3 Selection of the type of wave and its frequency:

Control of the heat input in the piece and the tungsten, selecting the type of wave and combining them with each other.

We can adjust the frequency of the wave, the penetration of the arc and improving its relationship with the stripping of the piece.



### 4 Security system:

It allows limiting the access and regulation of parameters. Recommended for approved processes where the technical specifications must be respected.



### 5 It combines 5 welding modes and 4 types of arc:

#### Continuous Mode:

Start and end of welding controlled by the torch trigger.

#### Spot Mode:

It allows to program a welding seam for a specified time

#### Interval Mode:

It allows consecutive welding beams with space between them and in a specific time frame.

#### Tack Mode:

It allows the execution of a micro spot welding (1 msg. ideal for thin sheets).

**Recommended for high penetration welding thicknesses of less than 4 mm.**

#### Multi-tack Mode:

Allows the chaining of micro spots welding, (without triggering), minimizes the deformation of the material by reducing heat input.

**Recommended for high penetration welding in thicknesses of less than 2.5 mm.**

#### Standard arc:

In TIG DC and AC, with constant intensity.

#### Pulsed arc:

Succession of 2 alternating intensities guaranteeing the control of the heat input.

#### Bi-Pulsed arc:

It combines 2 pulsed arcs, improving the aesthetics of the seam and the control over the fusion bath.

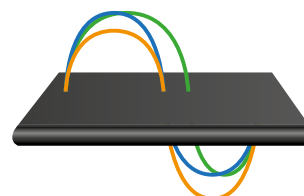
#### Mixed Arc:

It combines an AC phase with a DC phase, increasing penetration and speed.

**Recommended for joining different thicknesses of aluminium.**

DC						
		Continuous	Spot	Interval	Tack	M-Tack
Type of Arc	Standard	●	●	●		
	Pulse	●	●	●		
	Bipulse	●				
	Tack				●	●

DC				
		Continuous	Spot	Interval
Type of Arc	Standard	●	●	●
	Pulse	●	●	●
	Bipulse	●		
	Mix	●		



3Ph

## Industrial Pulsed TIG

### Gala 3200 TIG Pulse AC/DC

Réf. : 47000000

Compact industrial inverter welding equipment for Pulsed TIG

#### 6 Applications library which allows you to save, consult and manage the programmes created.

We incorporate 10 standard programmes for use with different thicknesses and materials, 5 programmes for stainless steel and 5 programmes for aluminium:

- P1** Quick-Spot System for INOX.
- P2** Multi-Spot welding for INOX on fine thicknesses.
- P3** High speed pulsed arc welding for INOX, which reduces deformation.
- P4** Finishing welding in INOX, with greater seam aspect
- P5** Penetration welding in high thickness of INOX.
- P6** Welding of ALUMINIUM sheets with different thicknesses
- P7** Basic welding for ALUMINIUM.
- P8** Finishing welding in ALUMINIUM, with greater seam aspect
- P9** Arc sound reduction.
- P10** Penetration welding in high thickness of ALUMINIUM.

INOX	<b>P1</b> Rapid Spot 0,5 = 4 mm <sub>a</sub>	<b>P2</b> Easy Weld 1,5 mm <sub>a</sub>	<b>P3</b> Rapid Weld 0,5 = 4 mm <sub>a</sub>	<b>P4</b> Finish Weld 1,5 = 5 mm <sub>a</sub>	<b>P5</b> Power ARC 5 = 8 mm <sub>a</sub>
	<b>P6</b> E1+E2 1 = 10 mm <sub>a</sub>	<b>P7</b> Easy Weld 1,5 = 5 mm <sub>a</sub>	<b>P8</b> Finish Weld 1,5 = 3,5 mm <sub>a</sub>	<b>P9</b> Soundless 1 = 5 mm <sub>a</sub>	<b>P10</b> Power ARC 5 = 8 mm <sub>a</sub>



Equipment without Workstation

### Practical examples

Mesh tacking



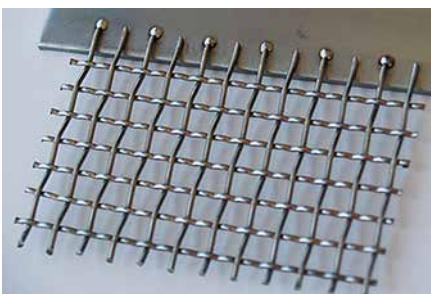
For joining different metals



More length in copper soldering



Control of welding temperature



Deformation-free welding



Suitable for joining different thicknesses





## Gala 3200 TIG Pulse AC/DC

**Request a personalised technical / economic study.**

### Recommended components for equipment

Ref.	Description
47000000	Power source GTS 3200 TIG Pulse
51712090	Workstation (using a GTS 3200 without cooling system)
64184000	Transport trolley (using a GTS 3200 with cooling system)
65982000	Cooling module
47012090	KIT for cooling module
39200094	Coolant
19052614	XT26 E Torch - 4 m.
19051814	XT18E Torch - 4 m. Cooled
ETIG	Torch consumable KIT
51259B	GALAXY Electronic mask, special for TIG
Consumable	Filler rod - See in welding accessories section
Consumable	Tungstens box, 10 units - See TIG torch consumables section
37600000	Pressure regulator for Argon - CO <sup>2</sup>
GMT	Assembled and tested equipment.

**GTS 3200 TIG Pulse AC/DC complete WITH cooling system**

**GTS 3200 TIG Pulse AC/DC complete WITHOUT cooling system**

### Optional components for equipment

Ref.	Description
66700000	Wire feed unit with cold wire input
64185000	Wire feeder support (required for use with wire feeder)
66799999	Euro TIG guide to be used with cold wire feeder
481P101024	TIG Torch fastening KIT to be used with cold wire feeder
481P011130	Pen Torch 3 m. TIG cold wire 0.6-1.0 mm.
481P012130	Pen Torch 3 m. TIG cold wire 1.2-1.6 mm. (1)
35500000	Gas Saver Valve (Save up to 30% on gas)
42312058	Remote control
8044166NT	Tungsten electrode sharpener

GTS 3200 TIG AC/DC - 440V. 60 Hz. - Ref.: 47051000



1Ph

## Industrial TIG

*Continuous supply of cold wire*

AC/DC TIG welding process with cold wire input

Ref.: 66700000



Modèle DTCW-4R

**Description:**

Cold wire feeder system for semi-automatic TIG welding processes of normal steels, stainless steels and aluminum.  
Open with coil cover  
Professional use, can be installed on any TIG DC - TIG AC/DC power source.

**Control system:**

Cycle activation system by welding current  
Multi-turn speed control  
high precision wire speed control  
Adjustable wire retraction control

**Basic technical characteristics**

Supply voltage	1 Ph. 230V - 50/60 Hz.
Duty cycle	400 A / 35 %
No. of drive wheels engaged	4 x Ø 37 mm.
Applicable wire diameters	Ø 0,6 a 2,0 mm.
Bobbins of wire	Ø 300 mm. - 15 Kg
Motor drive	48 V - 4
Maximum wire speed	10 m/min.
Dimensions (width x height x length)	281 x 494 x 656 mm.
Weight	22 Kg.

**TIG**

**Compatible with any machine on the market**



**Includes:**

- Ø 37 - 0.8 -1.0 mm drive rolls "V".
- Ground cable
- Equipment connection cable 3m - 35 mm<sup>2</sup>
- Aerial connector for torch connection 9 V.

**Recommended basic equipment:**



Euro TIG GuideRef: 66799999

TIG torch clamp kitRef: 481P101024





## Stainless steel cleaning

### BASIC Model

Cleaning Machine

Réf. : 52500000



**It includes:**  
Earth clamp with cable  
Complete brush  
1 litre of liquid  
Tool Box



#### Description:

Portable equipment of simple and safe use for cleaning welded surfaces by applying acids and hydrolysis on the weld seams. Cleaning of all welded surfaces, especially for TIG welding on stainless steels.

#### Characteristics:

Compact, lightweight and easy-to-use concept. "Plug & Work"  
Storage case for storing machines, tools and chemicals.  
Resettable short-circuit safety system (5A)  
A single liquid for cleaning and passivation.

#### Basic technical features

Power supply voltage U1	1 Ph. 230V - 50/60 Hz. ±10 %
Output voltage	12V
Maximum power P1 max / P1 eff	150VA
Mechanical protection rating IP	IP23
Dimensions (width x height x length)	240x150x175 mm
Weight	5 kg.

### Gala Cleaner 800 Model

Cleaning and marking machine

Réf. : 52800000



#### Description:

Portable equipment of simple and safe use for the cleaning of welded surfaces by applying acids and hydrolysis on the welding beads.

It also incorporates an electrochemical marking system for industrial use (Optional).

#### Characteristics:

**Cleaning:** Practical and easy to use. Saves time in cleaning stainless steel beads compared to traditional systems.

With only one equipment it is possible to clean the stainless steel bead and mark the part.

**Marking (optional):** Simple and permanent. More economical than laser and silk-screen printing. Respectful with the engraved surface.

#### Basic technical features

Power supply voltage U1	1 Ph. 230V - 50/60 Hz. ±15%
Output voltage marked	12V
Output voltage cleaning	9V
Maximum power marked	150W
Maximum cleaning power	800W
Maximum equipment power	800W
Mechanical protection rating IP	IP21
Dimensions (width x height x length)	187 x 196 x 289 mm.
Weight	10.5 Kg.

**The case includes:**  
1 Gala Cleaner 800W  
1 liter of cleaning liquid  
1 Torch complete with cable  
1 Grounding clamp with cable



3Ph

## Industrial MIG/MAG

**Gala MIG 2600**

MIG/MAG welding equipment

Ref.: 43800000



300A  
35%

3ph

MIG/MAG

0mm  
1,0

2

15,00 kg



**Processes:** MIG/MAG

**Materials:** Carbon steel - Stainless steel - Aluminium

**Applications:**

Metal carpentry and boilermaking

Manufacturing of equipment and machinery

Maintenance - Mechanical workshops - Repairs

### Basic technical features

Supply voltage	3 Ph 230/400V - 50/60 Hz.
Regulation range (60%)	30A + 230A
Duty cycle	300A / 35%
Scales No.	10 positions
Maximum absorbed power	12.4 Kva
Maximum wire speed	24 m/min.
Dimensions (width x height x length)	532 x 685 x 900 mm
Weight	82 kg.

**Supplied as standard:**

Cable with earth clamp - Gas hose

Wire reel "V" 40 mm. Ø 0.8-1.0 mm. Steel

Pre-installation for ammeter and voltmeter  
(As optional KIT).

### Extra options for equipment

Ref.	Description
43981075	Ammeter and voltmeter KIT
M253000	MIG Torch 25 - 3 m. ALU
5722	Graphite liner
63106021	Drive rolls "U" 40 mm. Ø 1.0-1.2 mm. ALU*
35500000	Gas Saver valve

\* One unit is required for this equipment.



Gala MIG 2600 220/440V - Ref.: 43883000

### Recommended basic equipment:



25 MIG Torch  
Ref.: 880025P



Consumables KIT  
Ref.: EMIG25



See the wire reel in the welding  
accessories section



Electronic mask  
9-13. Ref.: 5998F



Pressure regulator  
Ref.: 37600000



3Ph

# Industrial MIG/MAG

## Gala MIG 4000

MIG/MAG welding equipment

Ref.: 43988000



**Processes:** MIG/MAG

**Materials:** Carbon steel - Stainless steel - Aluminium

**Applications:**

- Metal carpentry and boilermaking
- Manufacturing of equipment and machinery
- Maintenance - Mechanical workshops - Repairs

**Basic technical features**

Supply voltage	3 Ph 230/400V - 50/60 Hz.
Regulation range (60%)	35A + 300A
Duty cycle	400A / 35%
Scales No.	2 x 10 positions
Maximum absorbed power	16.6 Kva
Maximum wire speed	19 m/min.
Dimensions (width x height x length)	556 x 720 x 900 mm
Weight	100 kg.

**Supplied as standard:**

- Cable with earth clamp - Gas hose
- Drive rolls "V" 30 mm. Ø 0.8-1.0 mm. Steel
- Drive rolls "V" 30 mm. Ø 1.0-1.2 mm. Steel
- Pre-installation for ammeter and voltmeter (As optional KIT)

**Extra options for equipment**

Ref.	Description
43981075	Ammeter and voltmeter KIT
M363000	MIG Torch 36, 3 m, aluminium
5722	Graphite liner
62006021	Drive rolls "U" 30 mm. Ø 1.0-1.2 mm. ALU*
62006022	Drive rolls "U" 30 mm. Ø 1.2-1.6 mm. ALU*
62006015	Drive rolls 30 mm. Ø 1.2-1.6 mm. Tubular *
35500000	Gas Saver valve

\* Two units are required for this equipment.



Gala MIG 4000 - 220/440V. 60 Hz. - Ref.: 43989000

**Recommended basic equipment:**



36 MIG Torch  
Ref.: 880036P



Consumables KIT  
Ref.: EMIG36



See the wire reel in the welding accessories section



Electronic mask  
9-13. Ref.: 5998F



Pressure regulator  
Ref.: 37600000



3Ph

## Industrial MIG/MAG

### Gala MIG 3000

Equipment for MIG/MAG wire welding



Ref.: 4389800KIT



**Processes:** MIG/MAG

**Materials:** Carbon steel - Stainless steel - Aluminium

**Applications:** Metal carpentry and boilermaking

Manufacturing of equipment and machinery

Maintenance - Mechanical workshops - Repairs

#### The KIT includes:

Ref.	Description
43898000	GAL MIG 3000 Power source
61800000	D-12A Wire feeder unit
63700000	D-12A Cable set 5 m.
49416022	Drive rolls "V" 40 mm. Ø 0.8-1.0 mm. Steel
•	Cable with earth clamp
•	Gas hose
•	Transport trolley and bottles support
•	Pre-installation for ammeter and voltmeter*

\* As optional KIT

#### Basic technical features

Supply voltage	3 Ph 230/400V - 50/60 Hz.
Regulation range (60%)	30A + 230A
Duty cycle	300A / 35%
Scales No.	10 positions
Maximum absorbed power	12.4 Kva
Maximum wire speed	D12A Wire feed unit - 19 m/min.
Dimensions (width x height x length)	705 x 556 x 900 mm.
Weight without Wire feeder unit	79 kg.

#### Extra options for equipment

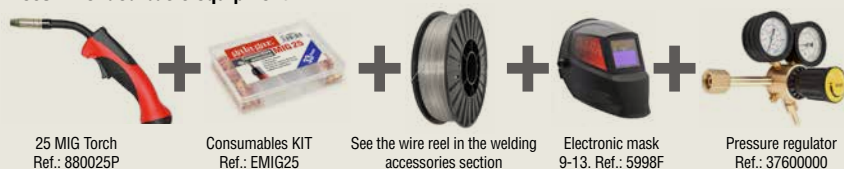
Ref.	Description
GM	Equipment assembly
GMT	Equipment assembly + Testing
43981075	Ammeter and voltmeter KIT
M253000	MIG Torch 25, 3 m, aluminium
5722	Graphite liner
63106021	Drive rolls "U" 40 mm. Ø 1.0-1.2 mm. ALU*
63781000	Cable set 10 m.
63787000	Cable set 15 m.
63782000	Cable set 20 m.
62100000	D-20A Wire feeder unit - 4 rollers
35500000	Gas Saver valve

\* One unit is required for this equipment.



Gala MIG 3000 - 220/440V. 60 Hz. - Ref.: 43899000

#### Recommended basic equipment:



25 MIG Torch  
Ref.: 880025P

Consumables KIT  
Ref.: EMIG25

See the wire reel in the welding  
accessories section

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 37600000

3Ph

# Industrial MIG/MAG

## Gala MIG 3800

Equipment for MIG/MAG wire welding

Ref.: 4399000KIT



**Processes:** MIG/MAG

**Materials:** Carbon steel - Stainless steel - Aluminium

**Applications:** Metallic carpentry and boilermaking  
Construction of equipment and machinery - Automotive industry - Maintenance - Mechanical workshops - Repairs

### The KIT includes:

Ref.	Description
43990000	GAL MIG 3800 Power source
61800000	D-12A Wire feeder unit
63700000	D-12A Cable set 5 m.
49416022	Drive rolls "V" 40 mm. Ø 0.8-1.0 mm. Steel
•	Cable with earth clamp
•	Gas hose
•	Transport trolley and bottles support
•	Pre-installation for ammeter and voltmeter*

\* As optional KIT

### Basic technical features

Supply voltage	3 Ph 230/400V - 50/60 Hz.
Regulation range (60%)	35A + 300A
Duty cycle	400A / 35%
Scales No.	2 x 10 positions
Maximum absorbed power	16.6 Kva
Maximum wire speed	19 m/min.
Dimensions (width x height x length)	556 x 767 x 900 mm.
Weight without Wire feeder unit	95 kg.

### Extra options for equipment

Ref.	Description
GM	Equipment assembly
GMT	Equipment assembly + Testing
43981075	Ammeter and voltmeter KIT
M363000	MIG Torch 36, 3 m, aluminium
5722	Graphite liner
63106021	Drive rolls "U" 40 mm. Ø 1.0-1.2 mm. ALU*
63781000	Cable set 10 m.
63787000	Cable set 15 m.
63782000	Cable set 20 m.
62100000	D-20A Wire feeder unit - 4 rollers
35500000	Gas Saver valve

\* One unit is required for this equipment.



Gala MIG 3800 - 220/440V. 60 Hz. - Ref.: 43953000

### Recommended basic equipment:



36 MIG Torch  
Ref.: 880036P

Consumables KIT  
Ref.: EMIG36

See the wire reel in the welding accessories section

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 37600000

3Ph

## Industrial MIG/MAG

### Gala MIG 4007

Equipment for MIG/MAG wire welding

Ref.: 4310000KIT

Ref.: 4310000RKIT



**Processes:** MIG/MAG

**Materials:**

Carbon steel  
Stainless steel  
Aluminium

**Applications:**

Metal carpentry and boilermaking - Shipyards  
Manufacturing of equipment and machinery  
Petrochemicals - Nuclear - Automotive - Railway  
Maintenance - Mechanical workshops - Repairs

**Basic technical features**

Supply voltage	3 Ph 230/400V - 50/60 Hz.
Regulation range (60%)	25A + 380A
Duty cycle	500A / 35%
Scales No.	3 x 10 positions
Maximum absorbed power	18 Kva
Maximum wire speed	20 m/min.
Dimensions (width x height x length)	395 x 871 x 957 mm.
Weight without Wire feeder	135 kg.

Gala MIG 4007 - 220/440V. 60 Hz. - Ref.: 43151000



Optional Cooling Unit



## Gala MIG 4007

### KIT include the following components

Ref.	Description
43100000	GAL MIG 4007 Power source
62100000	D-20A Wire feeder - 4 rollers
63400000	Water cooling system WCS-510
62200000	D-20AR Wire feeder Cooled - 4 rollers
42012080	Transport trolley bottles support
43212080	Transport trolley bottles support and cooling unit
63800000	Cable set 5 m. (D-20A)
63900000	Cable set 5 m. (D-20AR)
62006016	Drive rolls "V" 30 mm. Ø 1.0-1.2 mm. Steel
43981075	Factory-Mounted Ammeter / Voltmeter KIT
	Cable with earth clamp
	Gas hose

**Gala MIG 4007 complete WITH cooling system**

**Gala MIG 4007 complete WITHOUT cooling system**

### Extra options for equipment

Ref.	Description
GM	Equipment assembly
GMT	Equipment assembly + Testing
M363000	MIG Torch 36, 3 m, aluminium
M503000	MIG Torch 501, 3 m, aluminium
5722	Graphite liner
62006021	Drive rolls "U" 30 mm. Ø 1.0-1.2 mm. ALU*
62006022	Drive rolls "U" 30 mm. Ø 1.2-1.6 mm. ALU*
62006015	Drive rolls 30 mm. Ø 1.2-1.6 mm. Tubular*
63881000	Cable set 10 m.
63884000	Cable set 15 m.
63882000	Cable set 20 m.
63981000	Cable set 10 m. Cooled
63983000	Cable set 15 m. Cooled
63982000	Cable set 20 m. Cooled
62900000	D-22C Wire feeder, closed type
35500000	Gas Saver valve

\* Two units are required for this equipment.

### Recommended basic equipment for non cooled machine



36 MIG Torch  
Ref.: 880036P

Consumables KIT  
Ref.: EMIG36

See the wire reel in the welding accessories section

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 37600000

### Recommended basic equipment for cooled machine



501 MIG Torch  
Ref.: 880501P

Consumables KIT  
Ref.: EMIG501

See the wire reel in the welding accessories section

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 37600000

Coolant 10L.  
Ref.: 39200094





3Ph

# Multiprocess

## Gala 2000 MP

Multiprocess equipment for MIG/MAG - TIG DC - MMA welding



Ref.: 54300000



**Processes:**

MIG/MAG - Flux cored - TIG DC Lift - MMA

**Materials:**

Carbon steel - Stainless steel - Aluminium

**Electrodes:**

Rutile - Basic - Stainless steel

**Applications:**

Sheet metal shop - Repair and Maintenance services

**Basic technical features**

Supply voltage	1 Ph 230V ± 10 % - 50/60 Hz.
Regulation range	25A ÷ 200A
Duty cycle MIG/MAG 40°C	200A / 45%
Duty cycle MMA 40°C	180A / 40%
Duty cycle TIG 40°C	180A / 40%
Maximum absorbed power	9.2 Kva
Maximum wire speed	16 m/min.
Dimensions (width x height x length)	280 x 550 x 450 mm
Weight	18 kg.

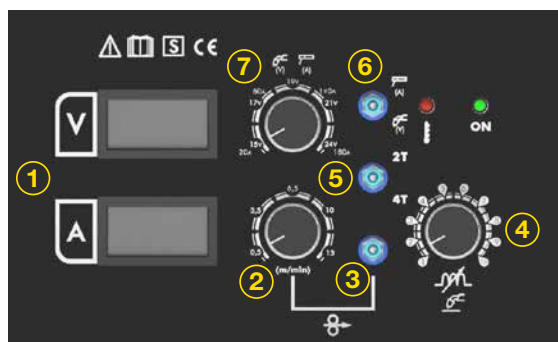
**Recommended optional TIG**

SR26 "V" TIG Torch - 4 m.	19052604P
Tungstens box Ø 2.4 Black	750244C
TIG Torch consumables KIT	ETIG

(\*) See rods options in the welding accessories section

**Wire  
Electrode  
Rod**

- Digital ammeter and voltmeter ①
- Wire speed regulation ②
- Pushbutton for wire purge ③
- Potentiometer for inductance regulation ④
- 2S/4S mode selector ⑤
- MIG- MMA- TIG process selector ⑥
- MIG / MMA welding voltage regulator ⑦



**It includes:**

Cable with earth clamp and Gas hose

**Recommended basic equipment:**



25 MIG Torch  
Ref.: 880025P

Consumables KIT  
Ref.: EMIG25

See the wire reel in the welding accessories section

Electronic mask  
9-13. Ref.: 5998F

Pressure regulator  
Ref.: 37600000



**3Ph Synergic MIG/MAG**

**Gala MIG 2700i**

Multiprocess inverter with synergetic regulation



Ref.: 42400000



**Processes:** MIG/MAG

**Materials:** Carbon steel - Stainless steel - Aluminum

**Applications:**

Metal carpentry and boilermaking

Construction of equipment and machinery

Maintenance - Mechanical workshops - Repairs

**Basic technical characteristics**

Supply voltage	3 Ph 400V - ± 10% 50/60 Hz.
Regulatory margin	20 A + 270 A
Duty cycle	270 A / 50 %
Ø of wire	0,8 / 1,0 / 1,2 mm.
Maximum absorbed power	14,5 Kva
Maximum wire speed	24 m/min.
Dimensions (width x height x length)	550 x 770 x 920 mm.
Weight	53 Kg.

**Equipment options**

Ref.	Description
42416122	Drive rolls Ø 1.0-1.2 mm "V".
42416127	Drive rolls Ø 1.0-1.2 mm "U".
42416128	Drive rolls Ø1.0-1.2 mm "Flux-cored"

**The equipment includes:**

Ref.	Description
302007	Protective gas pipe Ø 6 mm.
43812219	Ground cable 1x35 2 mm. - 4 m.
42416121	Drive rolls 0.8-1.0 mm "V"

**SynergicLine**



**Recommended basic equipment:**



36 MIG Torch  
Ref.: 880036P



Consumables KIT  
Ref.: EMIG36



See the wire reel in the welding accessories section



Electronic mask  
9-13. Ref.: 5998F



Regulator  
Ref. 37600000



3Ph

# Synergic MIG/MAG

*Gala MIG 3500i*

Multiprocess inverter with synergetic regulation



Ref.: 42500100



**Processes:** MIG/MAG

**Materials:** Carbon steel - Stainless steel - Aluminum

**Applications:**

Metal carpentry and boilermaking

Construction of equipment and machinery

Maintenance - Mechanical workshops - Repairs

### Basic technical characteristics

Supply voltage	3 Ph 400V - ± 10% 50/60 Hz.
Regulatory margin	30 A + 350 A
Duty cycle	350 A / 60 %
Ø of wire	0,8 / 1,0 / 1,2 mm.
Maximum absorbed power	11,8 / 15,2 Kva
Maximum wire speed	24 m/min.
Dimensions (width x height x length)	550 x 770 x 920 mm.
Weight	54 Kg.

## SynergicLine



### Equipment options

Ref.	Description
42416122	Drive rolls Ø 1.0-1.2 mm "V"
42416127	Drive rolls Ø 1.0-1.2 mm "U"
42416128	Drive rolls Ø 1.0-1.2 mm "Flux-cored"

### The equipment includes:

Ref.	Description
302007	Protective gas pipe Ø 6 mm.
43812219	Ground cable 1x35 2 mm. - 4 m.
42416121	Drive rolls 0.8-1.0 mm "V"

### Recommended basic equipment:



36 MIG Torch  
Ref.: 880036P



Consumables KIT  
Ref.: EMIG36



See the wire reel in the welding accessories section



Electronic mask  
9-13. Ref.: 5998F



Regulator  
Ref: 37600000



**3Ph** Pulse Synergic MIG/MAG

*Gala MIG 4000i DP*

Synergic modular multiprocessing equipment Pulsed



Air cooled - Ref.: 42800000KIT

Water cooled - Ref.: 42800000KITR



Photo of the cooled model

**Description:**

Multi-process welding power source MIG/MAG - MMA. Inverter with synergic-pulsed regulation. Modular system with independent reel.

**Processes:** MIG/MAG - Wire

**Materials:** Carbon steel - Stainless steel - Aluminum

**Basic technical characteristics**

Supply voltage	3 Ph 400V - ± 10% 50/60 Hz.
Regulatory margin (60%)	30 A ÷ 350 A
Duty cycle	400 A / 60 %
Ø of wire	0,8 / 1,0 / 1,2 mm.
Maximum power absorbed	15,2 Kva
Maximum wire speed	24 m/min.
Dimensions (width x height x length)	551 x 1335/938 x 924 mm.
Weight without/with wire feeder	62/85 Kg.

**The KIT includes:**

Ref.	Descripción	Seco	Refrig.
42800000	Gala MIG 4000 i DP	●	●
65800000	Cooling WCS-500i		●
66800000	Reel D-4R i	●	●
43912063	Earth cable 1x50 mm2	●	●
43512018	Machine-gas connection (2 m.) / fitting	●	●
42416121	2 Rollers 0.8-1.0 Mm 'v	●	●
42416122	2 Rollers 1.0-1.2 Mm(v)	●	●
63800000i	Reel connection D-4R i (5m.)	●	
63900000i	Reel connection D-4R i W (5m.)		●

**Applications:**

Metal carpentry and boilermaking - Shipyards - Shipyards  
Equipment and machinery construction - Petrochemical  
Nuclear - Automotive and Railway Industry - Maintenance  
Mechanical Workshops - Repairs

**SynergicLine**

**Equipment options**

63981000i	D-4R i wire feeder connection (10 m.)
63984000i	Wire feeder D-4R i (15 m.)
42416127	Ø 1.0-1.2 mm "U" drive rolls
42416128	Ø 1.0-1.2 mm "Flux-cored" drive rolls

**Recommended basic equipment:**



**For refrigerated model:**



3Ph

# Pulse Synergic MIG/MAG

*Gala MIG 5000i DPW*

Synergic modular multiprocessing equipment Pulsed

Ref.: 42900000



**Description:**

Multi-process welding power source MIG/MAG - MMA. Inverter with synergic-pulsed regulation. Modular system with independent reel.

**Processes:** MIG/MAG - Wire

**Materials:** Carbon steel - Stainless - Aluminum

**Basic technical characteristics**

Supply voltage	3 Ph 400V ±10% - 50/60 Hz.
Regulatory margin (60%)	30+500 A
Duty cycle	500 A / 80 %
Ø of wire	1.0 / 1.2 / 1.6 mm
Maximum power absorbed	17,5 Kva
Maximum wire speed	24 m/min
Dimensions (width x height x length)	551 x 317/938 x 1018
Weight without/with wire feeder	67 Kg / 90 Kg

**The KIT includes:**

Ref.	Description
42900000	GALA MIG 5000 i DPW
66800000	Wire feeder D-4R i
65800000	Cooling WCS-500i
63900000i	Wire feeder connection D-4R i W (5 m.)
	■ Ground cable 1x70 mm <sup>2</sup> .
	■ Machine-Gas connection (2 m.) / fitting
	■ Drive rolls 1.0-1.2 mm. "v"

**Applications:**

Metal carpentry and boilermaking - Shipyards - Shipyards Equipment and machinery construction - Petrochemical Nuclear - Automotive and Railway Industry - Maintenance Mechanical Workshops - Repairs

## SynergicLine

**Recommended basic equipment:**



501 MIG Torch  
Ref.: 880501P

Consumables KIT  
Ref.: EMIG501

See the wire reel in the welding accessories section

Electronic mask  
9-13. Ref.: 5998F

Regulator  
Ref: 37600000

Refrigerant 10L.  
Ref: 39200094





# SALES



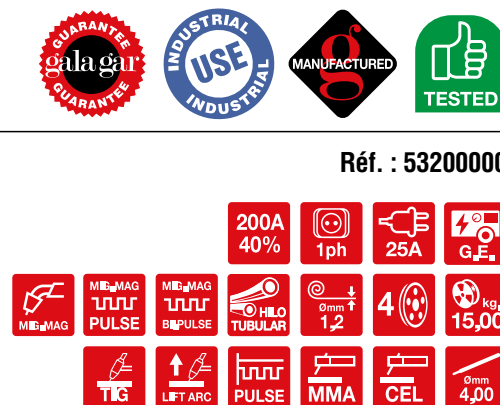
1Ph

# Pulsed Synergic Multiprocess

## GPS 2300 Bi-Pulse

Multiprocess equipment for MIG/MAG - TIG DC - MMA welding

Réf. : 53200000



**Processes:**

Pulsed / Bi-Pulsed - Flux cored - MIG/MAG  
TIG Lift Arc - Pulsed TIG - MMA and MMA CEL

**Base materials and alloys:**

Carbon steel, stainless steel, aluminium, copper.

**Applications:**

Medium metal carpentry - Automotive industry - Chemical and paper industry - Bodywork manufacturing - Sports and livestock facilities - Urban furniture - Repairs Maintenance Construction - Training centres - Automation

**Basic technical features**

Supply voltage	1 Ph 230V ± 10 % - 50/60 Hz.
Regulation range	10A ÷ 200A
Duty cycle MIG/MAG 40°C	200A / 40%
Duty cycle TIG 40°C	200A / 35%
Duty cycle MMA 40°C	200A / 35%
Maximum absorbed power	10 Kva
Maximum wire speed	15 m/min.
Dimensions (width x height x length)	295 x 475 x 500 mm
Weight	25 kg.

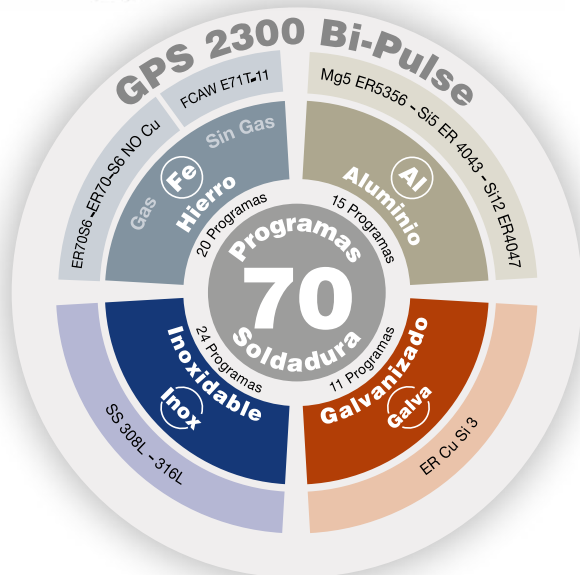
**It includes:**

Earth clamp cable  
Gas hose  
Drive rolls "V" 37 mm. - 0.8-1.0 mm. 2 units

**Recommended optional TIG**

SR26 Euro TIG Torch 4 m.	T264030
Tungstens box Ø 2.4 Black	750244C
TIG Torch consumables KIT	ETIG

(\*) See rods options in the welding accessories section.



**Recommended basic equipment:**



3Ph

## Pulsed Synergic Multiprocess

### GPS 3000C & 4000C Advanced

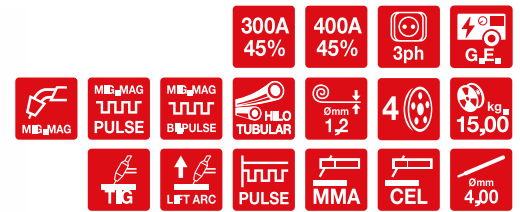
Compact Industrial Synergic Equipment for Pulsed MIG welding

Ref. GPS 3000C: 42385200

Ref. GPS 4000C: 42384200



Image of the assembly with cooling system



#### Standard processes:

MIG MAG - Flux cored - TIG DC Lift - MMA CEL

#### Optional processes:

Pulsed MIG - Bi-Pulsed MIG - Pulsed TIG DC

#### Materials:

Carbon steel - Stainless steel - Aluminium- Copper

#### Applications:

Metal carpentry and boilermaking - Automobile industry  
Chemical and paper industry - Bodywork manufacturing  
Sports and livestock facilities - Urban furniture - Repairs  
Maintenance - Building sector - Training centres  
Automation

#### It includes:

Cable with earth clamp

Gas hose

Drive rolls "V" 37 Ø - 0.8-1.0 mm.

#### Basic technical features

	GPS 3000C	GPS 4000C
Supply voltage	3 Ph 400V ± 10 % - 50/60 Hz.	3 Ph 400V ± 10 % - 50/60 Hz.
Regulation range	45A ÷ 300A	45A ÷ 400A
MIG/MAG Duty cycle 40°C	30-300A / 40 %	4-400A / 40 %
TIG Duty cycle 40°C	5-300A / 40 %	5-400A / 40 %
Duty cycle MMA 40°C	30-300A / 40 %	30-400A / 40 %
Maximum absorbed power	17 Kva	15 Kva
Maximum wire speed	24 m/min.	24 m/min.
Dimensions (width x height x length)	345 x 541 x 660 mm	345 x 541 x 660 mm
Weight	44 kg.	42 kg.





## GPS 3000C & 4000C Advanced

### Recommended components for equipment

Ref.	Description
42385200	GPS 3000C Advanced Power source
42384200	GPS 4000C Advanced Power source
42370010	Pulsed Arc software
64184000	Transport trolley
65982000	Cooling unit
39200094	Coolant
880036P	MIG 36 torch 4 m. gas-cooled
880501P	MIG 501 4 m. refrigerated double circuit torch
E-MIGPK40	Consumables KIT for TR 400 Torch Self-cooled
E-MIGPK550	Consumables KIT for PK 550 Torch Cooled
Consumable	Wire reel - 15 kg. - See welding accessories section
5722	Graphite liner for TR 400 Torch
42316122	Drive roll "V" 37 Ø 1.0-1.2 mm.
42316127	Drive roll 37 Ø 1.0-1.2 mm. "ALU"
5998E	GasWeld electronic mask Black
37600000	Pressure regulator for Argon - CO <sup>2</sup>
GM	Equipment assembly
GMT	Equipment assembly + Testing

#### GPS 3000 Compact WITH cooling system

#### GPS 3000 Compact WITHOUT cooling system

#### GPS 4000 Compact WITH cooling system

#### GPS 4000 Compact WITHOUT cooling system

### Optional components

#### Software extra options

Ref.	Description
42370011	Bi-Pulsed arc software
42370020	Pulsed TIG software
66790000	TIG software with cold wire input
42612081	Telenet connexion KIT (Interface)
66012085	Remote control (Telenet required)
42612090	Connexion KIT to PC (Back up)

#### Wire reels change extra options

42316121	Drive roll 37 Ø 0.8-1.0 mm. "V"
42316124	Drive roll 37 Ø 1.2-1.6 mm. "V"
42316125	Drive roll 37 Ø 0.9-1.2 mm. R (Tubular)
42316126	Drive roll 37 Ø 1.2-1.6 mm. R (Tubular)
42316128	Drive roll 37 Ø 1.2-1.6 mm. "ALU"

#### Extra options as necessity

51259 B	Galaxy Electronic Mask for TIG
T264030	SR 26 Euro TIG Torch - 4 m.
T184030	SR 18 Euro TIG Torch - 4 m.
ETIG	Consumables KIT for TIG Torch
Consumable	Filler rod - See in accessories section
Consumable	Tungstens Box, 10 units - See in accessories section
8044166NT	Tungsten electrode sharpener
37900000	Gas-Free regulator (Gas saver)
1704V10	TRC V10 oven, fitted with thermometer and thermostat
600000	CO <sub>2</sub> heater

**Request a personalised technical / economic study.**



3Ph

## Pulsed Synergic Multiprocess

### GPS 4000 / 5000 DR Advanced

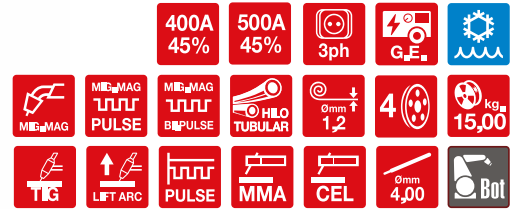
Modular Industrial Synergic Equipment for Pulsed MIG welding

Réf. GPS 4000 DR : 42381200

Réf. GPS 5000 DR : 42600200



Image of the assembly with cooling system



**Standard processes:**

MIG / MAG - Flux cored - TIG DC Lift - MMA CEL

**Optional processes:**

Pulsed MIG /MAG - Bi-Pulsed MIG/MAG - Pulsed TIG DC

**Materials:**

Carbon steel - Stainless steel - Aluminium

**Applications:**

Metal carpentry and boilermaking - Automobile industry  
Chemical and paper industry - Bodywork manufacturing  
Sports and livestock facilities - Urban furniture - Repairs  
Maintenance - Building sector - Training centres - Automation

**It includes:**

Cable with earth clamp  
Drive roll "V" 37 Ø - 0.8-1.0 mm.

**Basic technical features**

	GPS 4000 DR Advanced	GPS 5000 DR Advanced
Supply voltage	3 Ph 400V ± 10 % - 50/60 Hz.	3 Ph 400V ± 10 % - 50/60 Hz.
Regulation range	30A ÷ 400A	30A ÷ 500A
MIG/MAG Duty cycle 40°C	400A / 45%	500A / 45%
TIG Duty cycle 40°C	400A / 40%	500A / 40%
Duty cycle MMA 40°C	400A / 40%	500A / 40%
Maximum absorbed power	24 Kva	28 Kva
Maximum wire speed	24 m/min.	24 m/min.
Dimensions (width x height x length)	345 x 541 x 660 mm	345 x 541 x 660 mm
Weight	45 kg.	54.5 kg.





## GPS 4000 / 5000 DR Advanced

### 8 differentiating features of the equipments that should consider:

#### 1 New full control TFT screen:

Better management of the equipment with the new control screen, easy access to libraries, setting programmes and regulating the intensity and wire speed.

#### 2 Programmable multiprocessing equipment:

With optional incorporation as required:

Pulsed MIG software

Bi-Pulsed MIG software

Lift Arc Pulsed TIG software

Lift Arc Bi-Pulsed TIG software

Bi-Level software

Wire Feeder software with cold wire input

Equipment calibration software

HF ignition device

#### 3 Access control:

It allows the selection of different security levels, limiting the access and modification of parameters as determined.

#### 4 Arc height control:

Regardless of the chosen programme, each user can regulate the voltage and the height of the arc, modifying the geometry and the heat input of the cord.

#### 5 Arc stability and self-regulation:

The necessary values are automatically modified to keep the arc height constant, regardless of the movements of the torch, obtaining homogeneity in the melting and penetration bath.



#### 6 Wire speed and heat input control:

In pulsed current, the dynamic control will make it possible to adjust the size and quantity of the drop provided, which results in improvement and speed of movement of the heat input.

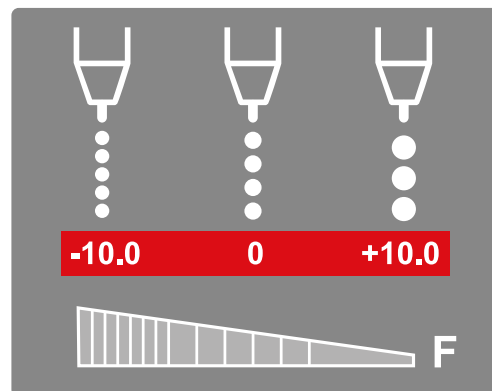
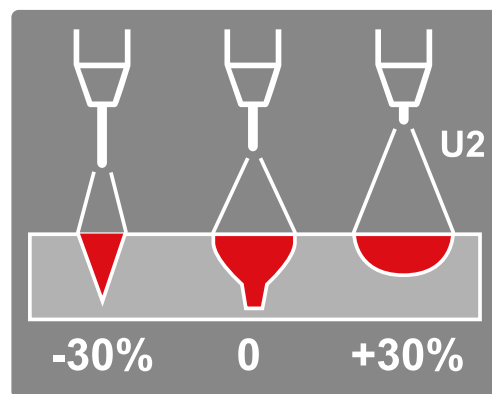
#### 7 2S and 4S fully user configurable



#### 8 Possibility of recording up to 200 "jobs" with the option of assigning them names, being able to change from one to another without stopping welding.

#### 9 SPECIAL ARCS:

Synergistic program modules that modify the dynamic performance of the welding dynamic welding performance allowing higher welding speed or penetration, thermal reduction or narrower beads, improving weld quality.



Consult us about the various possibilities of special manual welding arcs.  
Available only for GPS 4000 and 5000 DR advanced models with TFT display.

3Ph

## Pulsed Synergic Multiprocess

### GPS 4000 / 5000 DR Advanced

Modular Industrial Synergic Equipment for Pulsed MIG welding



Réf. GPS 4000 DR : 42381200

Réf. GPS 5000 DR : 42600200

#### Recommended components for equipment

Ref.	Description
42381200	GPS 4000 DR Advanced
42600200	GPS 5000 DR Advanced
42370010	Pulsed Arc software
64184000	Transport trolley
65982000	Cooling unit
39200094	Coolant
64185101	Wire feeder support
64187100	Cable set 5 m. Non cooled
64187150	Cable set 5 m. Cooled
66082100	D-GPS Wire feed unit 21A
PK5012	TR 500 Torch - 4 m. air-cooled
PK555040	PK 550 Torch - 4 m. Cooled by double-circuit
Consumable	Torch consumable KIT - See torch consumables section
Consumable	Drive roll - 15 kg. - See welding accessories section
5722	PK 500 Graphite liner
42316122	Drive roll "V" 37 Ø 1.0-1.2 mm.
42316127	Drive roll 37 Ø 1.0-1.2 mm. "ALU"
5998E	GasWeld electronic mask Black
37600000	Pressure regulator for Argon - CO <sub>2</sub>
GMT	Equipment assembly + Testing

GPS 5000DR Complete WITH cooling system

GPS 4000DR WITH cooling system

GPS 4000DR WITHOUT cooling system

#### Optional components

##### Software extra options

Ref.	Description
42370012	Standard double-arc software
42370011	Bi-Pulsed arc software
42370020	Pulsed TIG software
66790000	TIG software with cold wire input
42612081	Telenet connexion KIT (Interface)
66012085	Remote control (Telenet required)
42612090	Connexion KIT to PC (Back up)

##### Wire feeder connexion extra options

64187200	Cable set 10 m, non cooled
64187250	Cable set 10 m, cooled
64187300	Cable set 15 m, non cooled
64187350	Cable set 15 m, cooled

##### Wire feeder extra options

66083000	D-GPS Blind Wire feeder
66081100	D-GPS 5K Wire feeder (Shipyards)
66085000	D-GPS 21C Wire feeder

##### Wire reels change extra options

42316121	Drive roll "V" 37 Ø 0.8-1.0 mm.
42316124	Drive roll "V" 37 Ø 1.2-1.6 mm.
42316125	Drive roll 37 Ø 0.9-1.2 mm. R (Tubular)
42316126	Drive roll 37 Ø 1.2-1.6 mm. R (Tubular)
42316128	Drive roll 37 Ø 1.2-1.6 mm. "ALU"

##### Extra options as necessity

51259 B	Galaxy Electronic Mask for TIG
19052634	SR26 Euro TIG Torch - 4 m.
19051834	SR18 Euro TIG Torch - 4 m.
Consumable	TIG Torch consumables KIT
Consumable	Filler rod - See in accessories section
8044166-NT	Tungsten electrode sharpener
3790000	Gas-Free regulator (Gas saver)
1704V10	TRC V10 oven, fitted with thermometer and thermostat.
259064	Acrylic cable with electrode-holder, 50 mm <sup>2</sup> 4 m. 500 Amp.
600000	CO <sub>2</sub> heater

**Request a personalised technical / economic study.**

# Description

For MIG-MAG applications, the different types of arcs allow different welding finishes to be achieved depending on the requirements.

**PACK SynerWeld Module**  
Ref.42370000



## SCA-COLD ARC - Ref.42370100

- Up to **35% reduction in heat input, less deformation due to heating.**
- Drop transfer without spattering
- in the contact and opening process.
- Increased process speed.



## CEILING ARC - Ref.42370065

- Welding in an **overhead position.**
- Ease of execution, straight line welding without oscillation.
- Reduced bead time by avoiding oscillation.



## ROOT ARC - Ref.42370095

- **Root pass** welding with pipe application.
- Increased arc stability and travel speed (+55%)



## SPEED-UP ARC - Ref.42370055

- **Vertical upward** welding.
- Easier execution, straight line welding without oscillation.
- Reduction of bead time by avoiding oscillation (-30%).



## SPEED ARC - Ref.42370050

- Increased travel **speed Between 30% and 50%.**
- Traverse speed up to **25 mm/s.** depending on material, thickness and welding position.



## SPEED-UP+ ARC - Ref.42770057

- **Vertical upward** welding.
- Speed increase up to 18% with respect to SPEED UP arc.
- Exclusive application in carbon steels.



## POWER ARC - Ref.42370060

- Increased **penetration.** Up to **47%.**
- Improved bead geometry, reduced pitting and risk of porosity.
- Reduced welding time by reducing oscillation or torch movement.



## EDITION - Ref.42370015

- Customisation of Programmes.
- Creation of New Programmes.
- Limiting the application of available programmes.

# Possibilities

Check out all the options in our range of GPS equipment.

GAMA GPS	GPS 3000 C	GPS 4000 C	GPS 4000 DR Advanced	GPS 5000 DR Advanced
GAMA SynerBOT	SynerBOT 3000 C	SynerBOT 4000 C	SynerBOT 4000 DR Advanced	SynerBOT 5000 DR Advanced
Model	Compact	Compact	Modular	Modular
Duty Cycle MIG/MAG / 40°C	30-300A / 40%	4-400A / 40%	400A / 45%	500A / 45%

GPS GalaGar

SynerBOT





3Ph

## Wire Feeder

### D-12A Wire Feeder

Wire feeder for MIG/MAG welding.

Réf. : 61800000



#### Description:

Wire feed unit for MIG / MAG welding of normal steels, stainless steels and aluminium

#### Main advantages:

- Open Wire feeder (15 kg reel) with roll cover.
- Drive motor with two geared 40 mm rollers.
- Wire speed and welding voltage control
- Compatible with any other equipment in the GALA INDUSTRIAL range.
- 2S/4S control.
- Gas and wire purge.
- Initial wire start ramp control.
- Anti-splash system.
- Wire length control.
- Possibility of incorporating cooling KIT.

#### Technical features

Power supply voltage U1	24V 50/60 Hz
Drive rolls	2 x Ø 40 mm
Applicable wire diameters	Ø 0.6-0.8-1.0-1.2 mm
Wire reels	Ø 300 mm – 15 kg
Driving motor (W)	24V= 50
Maximum wire speed	24 m/min.
Welding voltage control	Yes
2S/4S pulsed system	Yes
Dimensions (width x height x length)	222 x 554 x 625 mm
Weight (kg)	13.5 kg.

#### It includes:

- Roll spool 15 kg.
- Drive roll 40 Ø - 0.8-1.0 mm.



3Ph

## Wire Feeder

Wire feeder for MIG/MAG welding.

Réf. : 62100000



#### Description:

Wire feed unit for MIG / MAG welding of normal steels, stainless steels and aluminium

#### Main advantages:

- Open Wire feeder (15 kg reel) with roll cover.
- Drive motor with 4 geared 30 mm rollers.
- Wire speed and welding voltage control
- Compatible with any other equipment in the GALA INDUSTRIAL range.
- 2S/4S control.
- Gas and wire purge
- Initial wire start ramp control. Anti-splash system.
- Wire length control.
- "Corrosion-proof" industrial threaded connectors.

#### Technical features

Power supply voltage U1	24V 50/60Hz
Drive rolls	4 x Ø 30 mm
Applicable wire diameters	Up to Ø 2 mm
Wire reels	Ø 300 mm - 15 kg.
Drive motor (W)	24V= 80
Maximum wire speed	19 m/min.
Welding voltage control	Yes
2S/4S pulsed system	Yes
Dimensions (width x height x length)	222 x 554 x 625 mm
Weight (kg)	14 kg.





3Ph

## Wire Feeder

### D-20 AR Wire Feeder

Wire feeder for MIG/MAG welding.

Réf. : 62200000



**Description:**

Wire feeder for MIG / MAG welding of normal steels, stainless steels and aluminium

**Main advantages:**

- Open Wire feeder (15 kg reel) with roll cover.
- Drive motor with 4 geared 30 mm rollers.
- Wire speed and welding voltage control
- Compatible with any other equipment in the GALA INDUSTRIAL range.
- 2S/4S control.
- Gas and wire purge
- Initial wire start ramp control.
- Anti-splash system.
- Wire length control.
- "Corrosion-proof " industrial threaded connectors.

**Technical features**

Power supply voltage U1	24V 50/60Hz
Drive rolls	4 x Ø 30 mm
Applicable wire diameters	Up to Ø 2 mm
Wire reels	Ø 300 mm – 15 kg
Drive motor (W)	24V= 80
Maximum wire speed (m/min.)	19 m/min.
Torch cooling circuit	Yes
Welding voltage control	Yes
2S/4S pulsed system	Yes
Dimensions (width x height x length)	222 x 554 x 625 mm
Weight	14.5 kg.

**It includes:**

- Roll spool 15 kg.
- Drive roll 30 Ø - 0.8-1.0 mm.



3Ph

## D-22 C Wire Feeder

Wire feeder for MIG/MAG welding.

Réf. : 62900000



**Description:**

Wire feeder for MIG / MAG welding of normal steels, stainless steels and aluminium

**Main advantages:**

- Closed wire feeder of high robustness and high welding performance (15 kg. wire-reel.)
- Torch cooling circuit
- Drive of 4 rollers Ø 30 mm
- Gross and fine control of wire speed and tension
- Integral aerial suspension system
- Built-in transport wheels
- "Corrosion-proof " industrial threaded connectors
- Including 35 mm connector adapter.

**Technical features**

Power supply voltage U1	24V 50/60Hz
Drive rolls	4 x Ø 30 mm
Applicable wire diameters	Up to Ø 2 mm
Wire reels	Ø 300 mm - 15 kg.
Drive motor (W)	24V= 100
Maximum wire speed (m/min.)	19 m/min.
Torch cooling circuit	Yes
Welding voltage control	Yes
2S/4S pulsed system	Yes
Welding connector	590A / 60% 95 - 120 mm <sup>2</sup>
Dimensions (width x height x length)	249 x 516 x 677 mm
Weight	22 kg.



3Ph

## Wire Feeder

### D-GPS 21A Wire Feeder

Wire feeder for MIG/MAG welding.

**New**



Ref.: 66082100



**Description:**  
Industrial wire feeder for semi-automatic MIG/MAG welding of normal steels, stainless steels, and aluminium.  
Open with roller cover.  
Modular GPS system

**Applications :**  
Industrial use wherever a small, easy-to-move winding machine is desired."

#### Technical features

Control connection	TELENET
Maximum input current I1 max	5 A
Number of drive rollers engaged	4 x Ø 37 mm.
Applicable wire Ø (mm.)	up to Ø 2.0 mm.
Wire spools	Ø 300 mm; 15 kg.
Drive motor	42 V(DC); 100W
Maximum wire speed (m/min.)	24 m/min.
Maximum welding current I2 max	500 A / 60%
Rated welding current I2 100%	350 A / 100%
Torch cooling circuit	Yes
Wire and gas purge	Yes
Welding connector	70-95 mm2
Weight	18 kg.

#### Includes:

A 15 kg. reel cover.  
Ø 30 drive roll - 0.8-1.0 mm.  
KIT of drive rolls



3Ph

## D4-Ri Wire Feeder SynergicLine

Wire feeder for MIG/MAG welding.

**New**

Ref.: 66800000



**Applications :**  
Industrial use wherever a small, easy-to-move winding machine is desired.

#### Technical features

Number of drive wheels	4 x Ø30 mm.
Applicable wire diameters (mm.)	Ø 0.8-1.0-1.2 mm.
Wire spools	Ø 300 mm; 15 Kg.
Wire speed control	1.3 ÷ 24 m/min.
Drive motor	24 V DC 70 W
Maximum input current	5 A
Welding current range	350 A / 100% - 450 A/60 %
Pulse system 2T/4T	In power supply
Torch cooling circuit	Yes
Motor-solenoid purge	Yes
Wire covering system	Yes
Machine stand	Rotary
Transport system (wheels)	Si (Ø 100 mm.)
Weight	20 Kg.

#### Includes:

A 15 kg. reel cover.  
Ø 30 drive roll - 0.8-1.0 mm.  
KIT of drive rolls



**Applications :**  
Industrial use with a modular system of independent reels.  
MIG/MAG welding of normal steels, stainless steels and aluminium.

3Ph

# SPOT welding

## Gala SPOT 30/50

Mechanical or pneumatic Spot welding equipment



### Description:

Gala Spot machines are controlled through power thyristors. The digital controller allows parameter settings to be made in a very simplified way, with the possibility of carrying out welding cycles with one or two current pulses.

### Materials:

Carbon steel,  
Stainless steel and  
aluminium

### Applications:

Metal carpentry  
Automotive industry  
Sheet metal workshops  
Manufacture of bodywork



### Spot weld caps and caps-holder

Description	References Ø13 mm.	References Ø16 mm.
Spot weld cap shape A	29090030	29090023
Spot weld cap shape B	29090034	290900B16
Spot weld cap shape C	290900C13	29090028
Spot weld cap shape D	290900D13	290900D16
Spot weld cap shape E	290900E13	29090032
Spot weld cap shape F	290900F13	29090024
Spot weld cap shape G	290900G13	290900G16

### Basic technical features

	Gala SPOT 30 / 50
Supply voltage	1 Ph 400V ± 10 % - 50/60 Hz.
Sheet metal welding capacity	4+4 / 5+5 mm.
Cross wire	15 + 15 mm.
No-load voltage	1 - 3.4 v.
Maximum absorbed power	30 / 50 Kva.
Standard arm length	340-480 mm.
Operation mode:	Mechanical or pneumatic
Dimensions (width x height x length)	1270x450x1000 mm.
Weight	173 / 180 kg.

### Prices depending on model

Reference	Model
29080001	Gala SPOT 30 Mechanical
29080002	Gala SPOT 30 Pneumatic
29080003	Gala SPOT 50 Mechanical
29080004	Gala SPOT 50 Pneumatic

### Extra options for equipment

#### Arms: 2 units are required x equipment

Ref.	Description
2910003	Arm of 450 mm x unit
2910004	Arm of 650 mm x unit
2910800	Arm of 800 mm x unit
29100100	Arm of 1,000 mm x unit

#### Cooling system

63400000	WCS 510 Module
Non Ref.	Module installation

#### Consumable electrodes

29090001	Spot 20x47 Standard CuCrZr
29090006	Spot 20x50 Eccentric CuCrZr
29090002	Spot 20x90 Long
29090003	Spot 20x50 Long ball-joint
29090003.1	Spot 20x50 Flat
29090005	Spot 30x50x74x5 outer pipe
29090004	Spot 20x50 Inner pipe Ø 60 mm.



# Accessories

# 2025

Accessories for electrode

Conductor cables and connectors

Anti-splash spray and Stripper paste

Coolant

Heating and drying ovens for electrodes

Welding consumables

*80* years



## Electric welding accessories

### Accessories for electrode

Electric welding accessories. Electrode holder clamps, earth clamps, conductor cables, electrodes and welding wire, amongst many more. All the complements required to weld with MMA, TIG and MIG/MAG electrodes of Gala Gar.



#### Accessories Sets

Ref.	Name	Description
56612033	300 A - 10/25	Contains: 3.5 m cables of 1 x 25 - 2 m in electrode holder clamp and 1.5 m in earth clamp
259040	300 A - 35/50	Contains: 3.5 m cables of 1 x 25 - 2 m in electrode holder clamp and 1.5 m in earth clamp
259048	400 A - 35/50	Contains: 5 m cables of 1 x 35 - 3 m in electrode holder clamp and 2 m in earth clamp
259049	500 A - 35/50	Contains: 5 m cables of 1 x 50 - 3 m in electrode holder clamp and 2 m in earth clamp



We make sets of accessories in line with the customer's needs.

**CONSULT US**

### Electrode holder clamps

The open clamps are more versatile and they all the electrode to be placed in the frontal position.



Open model

#### Electrode holder open clamps

Ref.	Clamp type
68500000	200 Amp. Open
67100000	400 Amp. Open
68200000	600 Amp. Open



Closed model

#### Electrode holder closed clamps

Ref.	Clamp type
67000000	400 Amp. Closed
68600000	600 Amp. Closed

### Metal brush and welding hammer



#### Cleaning accessories

Ref.	Description
67400010	Steel hammer
67700000	Steel brush



# Electric welding accessories

## Earth clamp



### Zinc-plated earth clamp

Ref.	Description
67300020	MICRO Model - Zinc-plated 200 Amp.
67300000	NORMAL Model - Zinc-plated 400 Amp.
67300500	500 Model - Zinc-plated 600 Amp.

### Bolt fixing earth clamps

Ref.	Description
68000000	MINI Model - Bolt fixing 300 Amp.
68100000	GAR Model - Bolt fixing 500 Amp.
98100600	600 A Model - Bolt fixing 600 Amp.

## Magnetic supports



### Basic technical specifications

Packaging	Description	Dimensions / mm.	Reference
	<b>Up to 12 Kg.</b>	82x117x14	700525
	<b>Up to 22 Kg.</b>	102x155x16	700550
	<b>Up to 33 Kg.</b>	122x190x24	700575

### Torch supports

	<b>Mobile magnetic holder for all types of welding torches.</b>	94x110x130	700500
--	---	------------	--------





## Electric welding accessories

### Rubber-coated conductors



#### Rubber-coated conductors for electrode holder & earth clamps

Ref.	Description	Minimum sales units
130032	1 x 16 mm <sup>2</sup> up to 130 Amp	100 metres
130034	1 x 25 mm <sup>2</sup> up to 230 Amp	100 metres
130035	1 x 35 mm <sup>2</sup> up to 300 Amp	100 metres
130037	1 x 50 mm <sup>2</sup> up to 350 Amp	100 metres
130038	1 x 70 mm <sup>2</sup> up to 400 Amp	50 metres
130040	1 x 95 mm <sup>2</sup> up to 500 Amp	50 metres

### Acrylic-coated conductors



#### Acrylic-coated conductors for electrode holder & earth clamps

Ref.	Description	Minimum sales units
130042	1 x 16 mm <sup>2</sup> up to 130 Amp	100 metres
130044	1 x 25 mm <sup>2</sup> up to 230 Amp	100 metres
130045	1 x 35 mm <sup>2</sup> up to 300 Amp	100 metres
130047	1 x 50 mm <sup>2</sup> up to 350 Amp	100 metres
130048	1 x 70 mm <sup>2</sup> up to 400 Amp	50 metres
130095	1 x 95 mm <sup>2</sup> up to 500 Amp	50 metres

### Machine connectors



#### Female connectors

Ref.	Description
58416024	10-25 female
47716035	35-50 female
42616035	70-95 female
43416035	95-120 female

### Connectors for welding cable connections



Female connector



Male connector

#### Male and female connectors

Ref.	Description
60400000	10-25 female
60500000	35-50 female
60600000	50-70 female
60800000	70-95 female
58416328	10-25 male
47716036	35-50 male
60700000	50-70 male
60900000	70-95 male
63987036	95-120 male



## Electric welding accessories

### Anti-spatter spray



#### Anti-splash spray

Ref.	Description
3003M	Anti-adhesive without silicone - 400 ml spray
301920196	Ceramic Spray - 400 ml spray

**Anti-sticking spray without silicone for metal welding. It is used as an anti-sticking on the parts to be welded and as a protector for the torch nozzle. Thanks to its formula without silicone, it allows varnishing, metallising and chrome-plating. It facilitates and speeds up welding, avoiding the sticking of the welding sparks.**

### Stripper Paste



#### Stripper Paste

Ref.	Description
MP220002	Stripper paste jar (2 kg.)

**Compared paste TS-K 2000 Red is for the stripping of welding beads on stainless steel. It removes the annealing colours and the slag in the welding bead areas. The product is free of hydrochloric acid and low in chloride content.**

### Coolant



**Low conductivity**

**Compared to other brands, our coolant stands out for its low conductivity, maintaining high effectiveness under all usage conditions.**

#### Coolant

Ref.	Description
39200094	10 litre drum

The WCSL-10 torch coolant is a product specifically developed for use in electric welding equipment cooling modules.

### Heaters and drying ovens



**Consult larger sizes and requirements**

#### Electrode

Ref.	Description
1704V10	TRC-V10 Vertical heaters, fitted with thermometer and thermostat. Maximum electrode capacity, 10 kg. - <b>Temp.: 50/150°C</b>
1705V5	DHF-5T Vertical heaters, fitted with thermometer and thermostat. Maximum electrode capacity, 5 kg. - <b>Temp.: 50/300°C</b>

#### Electrode drying oven

Ref.	Description
GE-24	24 packs, 108 litres
1724000	Standardised up to 200° C
1724001	Standardised up to 300° C
1724002	Standardised up to 400° C



## Electric welding consumables

### Electrodes in blister pack



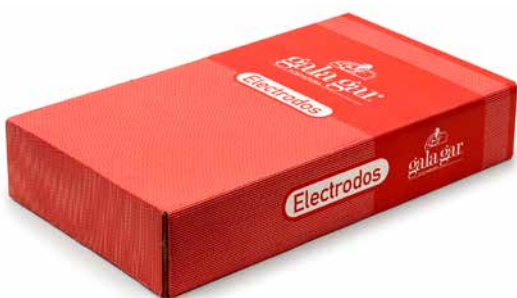
Rutile		
Ref.	Sizes	Units per blister pack
34520	RUTILE electrodes 2.0 x 350 mm	35
34525	RUTILE electrodes 2.50 x 350 mm	30
34532	RUTILE electrodes 3.25 x 350 mm	20
34540	RUTILE electrodes 4.00 x 350 mm	12



Basic		
Ref.	Sizes	Units per blister pack
34325	BASIC electrodes 2.50 x 350 mm	10
34332	BASIC electrodes 3.20 x 350 mm	10

Stainless steel		
Ref.	Sizes	Units per blister pack
34625	STAINLESS STEEL electrodes 2.50 x 300 mm	10
34632	STAINLESS STEEL electrodes 3.25 x 350 mm	10

### Electrodes in box



Rutile E-6013		
Ref.	Sizes	Units per box
23301620C	GALA RUTILE electrodes Box 46 - 2 mm	1,080
23301625C	GALA RUTILE electrodes Box 46 - 2,5 mm.	810
23301632C	Gala Rutile electrodes Box 46 - 3,25 mm.	510
23301644C	GALA RUTILE electrodes Box 46 - 4 mm	324



Basic E-7018		
Ref.	Sizes	Units per box
23B5025C	BASIC electrodes box 2.5 mm	600
23B5032C	BASIC electrodes box 3.20 mm	372
23B5040C	BASIC electrodes box 4 mm	324

Stainless E-316 L			
Ref.	Sizes	Weight	Units per package
2331630025PQ	STAINLESS electrodes package 2.5 x 300 mm	4.5 kg	216
2331632PQ	STAINLESS electrodes package 3.25 x 350 mm	5.0 kg	124



## Electric welding consumables

### TIG rod

Ø in mm.: 1.00 - 1.20 - 1.60 - 2.00 - 2.40 - 3.20 - 4.00

For stainless steel welding, dissimilar joints, repairs and maintenance.



#### TIG rods

References

RW 308L	RW 309L	RW 310	RW 347
RW 430	RW 308H	RW 316L	RW 316LSi
RW 2209	RW 410	RW 308LSi	
RW 312	RW 420L	RW 307LMO	

### Wire



#### CO2 welding wire, layer by layer winding - 15 kg. reel

Ref.	Diameter
B1081132	Ø 0.8 mm.
B1101132	Ø 1.0 mm
B1121132	Ø 1.2 mm

#### INOX 308 LSi welding wire - 15 kg. reel

Ref.	Diameter
B108308	Ø 0.8 mm.
B110308	Ø 1.0 mm
B112308	Ø 1.2 mm

#### INOX 316 LSi welding wire - 15 kg. reel

Ref.	Diameter
B108316	Ø 0.8 mm.
B110316	Ø 1.0 mm
B112316	Ø 1.2 mm

#### AISI 5 welding wire - 7 kg. reel

Ref.	Diameter
B1101232	Ø 1.0 mm.
B1121232	Ø 1.2 mm

#### ALMg 5 - Reels

Ref.	Diameter / Weight
B1101332M	Ø 1.0 mm. / 7 kg.
B1121332M	Ø 1.2 mm. / 6 kg.

#### Marathon Pack

Description	Ref.	Diameter / Weight
Drum	1111132	Ø 1,0 mm. / 250 Kg.
Drum	1111232	Ø 1,2 mm. / 250 Kg.
Wire guide cone	WW10204C	Ø 520 mm.



Do you need a different wire or rod?

**CONSULT US**



# Torches

# 2025

MIG Torches

TIG Torches

TIG Torches Accessories

Plasma Torches

80 years



## MIG Torches



### 15 MIG Torch

Réf. : 880015P

CO<sub>2</sub> 180 Amp. - Gas mix. 150 Amp.





Duty cycle - 60%

Coaxial cable 4 m

# 15



#### Consumables

Item	Reference	Minimum quantity
 1	Conical nozzle	
	5672B3	3 units
 2	Contact tip M6 for wire Ø	
	6349B10   0,6 mm.	10 units
	5670B10   0,8 mm.	10 units
	6128B10   1,0 mm.	10 units
 3	Nozzle retention spring	
	5654	1 unit
	Blue liner 1.5 / 4.5 mm 4 m	
	6363	1 unit



### E-MIG 15 KIT

Réf. : EMIG15



#### It includes:

- Conical nozzle: 3 units
- Contact tip M6 0,8: 10 units
- Contact tip M6 1,0: 10 units
- Nozzle retention spring: 5 units



#### Spare parts

Item	Reference
Swan neck	5651
Coaxial cable 16 mm <sup>2</sup> 4 m.	99015
7XM Handle complete	882514P
Microswitch. 7XM	882516P
Connector assembly	888015P

Consult us for other cable sizes.



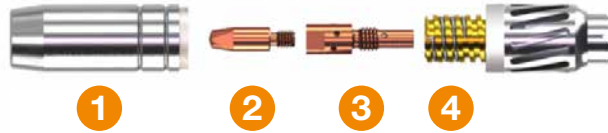
## MIG Torches

### 25 MIG Torch






Réf. : 880025P

CO<sub>2</sub> 230 Amp. - Gas mix. 200 Amp.  
Duty cycle - 60%  
Coaxial cable 4 m

# 25



#### Consumables

Item	Reference	Minimum quantity
 1	<b>Conical nozzle</b>	
	880005B3	3 units
 2	<b>Contact tip M6 for wire Ø</b>	
	6129B10   0,8 mm	10 units
	6130B10   1,0 mm	10 units
5693B10   1,2 mm	10 units	
 3	<b>Contact tip holder M6</b>	
	6288B5	5 units
 4	<b>Nozzle retention spring</b>	
	6330	1 unit
	<b>Red liner 2 / 4,5 mm. 4 m.</b>	
	6137	1 unit



### E-MIG 25 KIT

Réf. : EMIG25



**It includes:**

- Conical nozzle: 3 units
- Contact tip M6 0,8: 10 units
- Contact tip M6 1,0: 10 units
- Contact tip holder M6: 5 units
- Nozzle retention spring: 5 units



#### Spare parts

Item	Reference
Swan neck	6331
Coaxial cable 25 mm <sup>2</sup>	99025
Complete handle	882514P
7XM Microswitch.	882516P
Connector assembly	888016P

#### Extra options

Reference	Description
M 253000 / 8800253P	MIG 25 Torch - 3 m.
M 255000 / 8800255P	MIG 25 Torch - 5 m.
5722	Graphite liner

Consult us for other cable sizes.

## MIG Torches



### MIG 36 M6 Torch






Réf. : 880036P

CO<sub>2</sub> 320 Amp. - Gas mix. 300 Amp.  
Duty cycle - 60%  
Coaxial cable 4 m



# 36 M6

#### Consumables

Item	Reference	Minimum quantity
 1	<b>Conical nozzle</b>	
	5715B3	3 units
 2	<b>Contact tip M6 for wire Ø</b>	
	6129B10   0,8 mm	10 units
	6130B10   1,0 mm	10 units
	5693B10   1,2 mm	10 units
 3	<b>Contact tip holder M6</b>	
	5843B5	5 units
 4	<b>Gas diffuser</b>	
	5827B5	5 units
	<b>Gas Diffuser (special)</b>	
	6475	1 unit
	<b>Yellow liner 2,5 / 4,5 mm. - 4 m.</b>	
	6141	1 unit



### E-MIG 36 M6 KIT

Réf. : EMIG36M6



#### It includes:

- Conical nozzle: 3 units
- Contact tip M6 1,0: 10 units
- Contact tip M6 1,2: 10 units
- Contact tip holder M6: 5 units
- Gas diffuser: 5 units



#### Spare parts

Item	Reference
Swan neck for 36 MIG Torch	5704
Coaxial cable 50 mm <sup>2</sup> - 4 m.	99036
Complete handle	882514P
Microswitch	882516P
Connector assembly	888016P

#### Extra options

Reference	Description
8800363P	MIG 36 Torch - 3 m.
8800365P	MIG 36 Torch - 5 m.
5722	Graphite liner

Consult us for other cable sizes.



## MIG Torches

### MIG 36 M8 Torch






Réf. : 880036P

CO<sub>2</sub> 320 Amp. - Gas mix. 300 Amp.  
Duty cycle - 60%  
Coaxial cable 4 m

# 36 M8



#### Consumables

Item	Reference	Minimum quantity
 1	<b>Conical nozzle</b>	
	5715B3	3 units
 2	<b>Contact tip M8 for wire Ø</b>	
	5741B10   0.8 mm	10 units
	6134B10   1.0 mm	10 units
6131B10   1.2 mm	10 units	
 3	<b>Contact tip holder M8</b>	
	5888B5	5 units
 4	<b>Gas diffuser</b>	
	5827B5	5 units
	Gas Diffuser (special)	
	6475	1 unit
	<b>Yellow liner 2,5 / 4,5 mm. - 4 m.</b>	
	6141	1 unit



### E-MIG 36 M8 KIT

Réf. : EMIG36



**It includes:**

- Conical nozzle: 3 units
- Contact tip M8 1,0: 10 units
- Contact tip M8 1,2: 10 units
- Contact tip holder M8: 5 units
- Gas diffuser: 5 units

#### Spare parts

Item	Reference
Swan neck for 36 MIG Torch	5704
Coaxial cable 50 mm <sup>2</sup> - 4 m.	99036
Complete handle	882514P
Microswitch	882516P
Connector assembly	888016P

#### Extra options

Reference	Description
8800363P	MIG 36 Torch - 3 m.
8800365P	MIG 36 Torch - 5 m.
5722	Graphite liner

Consult us for other cable sizes.



## MIG Torches

### MIG 501 M8 Torch

Réf. : 880501P




CO<sub>2</sub> 550 Amp. - Gas mix. 500 Amp.  
Duty cycle - 100%  
Coaxial cable 4 m



# 501

#### Consumables

Item	Reference	Minimum quantity
 1	<b>Conical nozzle</b>	
	5875B3	3 units
 2	<b>Contact tip M8 for wire Ø</b>	
	6134B10   1,0 mm	10 units
	6131B10   1,2 mm	10 units
	6135B10   1,6 mm	10 units
 3	<b>Gas diffuser</b>	
	5858B5	5 units
	Gas Diffuser (special)	
	88300570	1 units
 4	<b>Contact tip holder M8</b>	
	6347B5	5 units
 5	Swan neck insulating washer	
	88305640	1 units
	<b>Yellow liner 2,5 / 4,5 mm. - 4 m.</b>	
	6141	1 unit



### E-MIG 501 KIT

Réf. : EMIG501



#### It includes:

- Conical nozzle: 3 units
- Contact tip M8 1,0: 10 units
- Contact tip M8 1,2: 10 units
- Contact tip holder M8: 5 units
- Gas diffuser: 5 units



#### Spare parts

Item	Reference
Swan neck for 501 MIG Torch	5857
Coaxial cable - 4 m	88258414
Complete handle	882514P
Microswitch	882516P
Connector assembly	888016P

#### Optionals

Reference	Description
8805013P	MIG 501 Torch - 3 m.
5722	Graphite liner

Consult us for other cable sizes.



## MIG Torches

### MIG 400 Torch





Réf. : PK4012

CO<sub>2</sub> 400 Amp. - Gas mix. 300 Amp.  
Duty cycle - 60%  
Coaxial cable 4 m

# 400



#### Consumables

Item	Reference	Minimum quantity
 <span style="float: right;">1</span>	<b>Conical nozzle 16 mm.</b>	
	PK401462	3 units
 <span style="float: right;">2</span>	<b>Contact tip</b>	
	PK403145   1,2 mm.	5 units
 <span style="float: right;">3</span>	<b>Contact tip holder</b>	
	PK4043	3 units
	<b>Liner 4 m.</b>	
	PK41511610B	1 unit



### E-MIG PK400 KIT

Réf. : EMIGPK400



**It includes:**

- Conical nozzle 16 mm.: 3 units
- Contact tip 1,2 mm.: 20 units
- Contact tip holder: 10 units



#### Spare parts

Item	Reference
Swan neck for MIG 400 Torch	PK40560
Coaxial cable - 4 m	PK41312
Complete handle	PK30017K
Switch	PK4111

Consult us for other cable sizes.





## MIG 500 Torch





Réf. : PK5012

CO<sub>2</sub> 500 Amp. - Gas mix. 350 Amp.  
Duty cycle - 60%  
Coaxial cable 4 m

# 500



### Consumables

Item	Reference	Minimum quantity
 <b>1</b>	<b>Conical nozzle 16 mm.</b>	
	PK401562	3 units
 <b>2</b>	<b>Contact tip</b>	
	PK403145   1,2 mm.	5 units
 <b>3</b>	<b>Contact tip holder</b>	
	PK4043	3 units
	<b>Liner 4 m.</b>	
	PK41511610B	1 unit



## E-MIG PK500 KIT

Réf. : EMIGPK500



### It includes:

Conical nozzle 16 mm.: 3 units  
Contact tip 1,2 mm.: 20 units  
Contact tip holder: 10 units

### Spare parts

Item	Reference
Swan neck for MIG 500 Torch	PK50560
Coaxial cable - 4 m	PK51312
Complete handle	PK30017K
Switch	PK4111

Consult us for other cable sizes.





## MIG Torches

### MIG 500W Torch

CO<sub>2</sub> 550 Amp. - Gas mix. 500 Amp.  
Duty cycle - 100%  
Coaxial cable 3 / 4 m  
Double-circuit cooling

PK 500W 3m Réf. : PK555030








PK 500W 4m Réf. : PK555040



# 500W



#### Consumables

Item	Reference	Minimum quantity
 1	<b>Conical nozzle</b>	
	5875B3	3 units
 2	<b>Contact tip M8 for wire Ø</b>	
	6134B10   1,0 mm	10 units
	6131B10   1,2 mm	10 units
 3	<b>Gas diffuser</b>	
	5858B5	5 units
 4	<b>Gas Diffuser (special)</b>	
	88300570	1 units
 4	<b>Contact tip holder M8</b>	
	6347B5	5 units
 5	<b>Swan neck insulating washer</b>	
	88305640	1 units
	<b>Yellow liner 2,5 / 4,5 mm. - 4 m.</b>	
	6141	1 unit



### E-MIG 501 KIT

Réf. : EMIGPK501



**It includes:**

- Conical nozzle: 3 units
- Contact tip M8 1,0: 10 units
- Contact tip M8 1,2: 10 units
- Contact tip holder M8: 5 units
- Gas diffuser: 5 units



#### Spare parts

Item	Reference
Swan neck for MIG 500W Torch	PK5502
Coaxial cable - 4 m	PK550640
Complete handle	PK2515
Switch	PK2516

Consult us for other cable sizes.





## MIG Torches



### MIG 550W Torch

Réf. : PK605040







CO<sub>2</sub> 600 Amp. - Gas mix. 550 Amp.  
Duty cycle - 100%  
Coaxial cable 4 m  
Double-circuit cooling



# 550W



#### Consumables

Item	Reference	Minimum quantity
 1	<b>Conical nozzle 17 mm.</b>	
	PK6528	3 units
 2	<b>Collet body</b>	
	PK6515	5 units
 3	<b>Contact tip</b>	
	PK601512   1,2 mm.	5 units
 4	<b>Gas diffuser</b>	
	PK6505	5 units
 5	<b>Contact tip holder</b>	
	PK6501	3 units
	<b>Liner 4 m.</b>	
	PK503340	1 unit



## E-MIG PK550W KIT

Réf. : EMIGPK550W



#### It includes:

- Conical nozzle 17 mm.: 3 units
- Contact tip 1,2 mm.: 20 units
- Nozzle holder: 10 units
- Gas diffuser: 5 units
- Contact tip holder: 10 units



#### Spare parts

Item	Reference
Swan neck for MIG 550W Torch	PK6502
Coaxial cable - 4 m	PK550640
Complete handle	PK2515
Switch	PK2516

Consult us for other cable sizes.





## TIG Torches

### Torches TIG SR 17-26 V (Manual valve)

SR17 V | DC 140 Amp. - AC/DC 100 Amp. - Duty cycle - 35%

SR26 V | DC 180 Amp. - AC/DC 130 Amp. - Duty cycle - 35%

#### Cable 4 m.

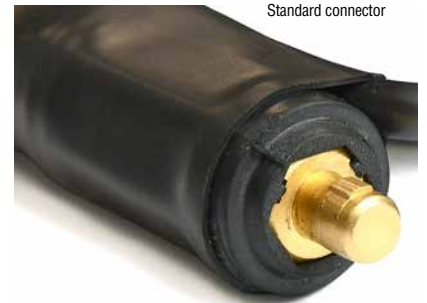
Name	Reference	Connector
SR17 V	19051704P	Standard 10-25 mm.
SR26 V	19052604P	Standard 35-50 mm.

#### Cable 8 m.

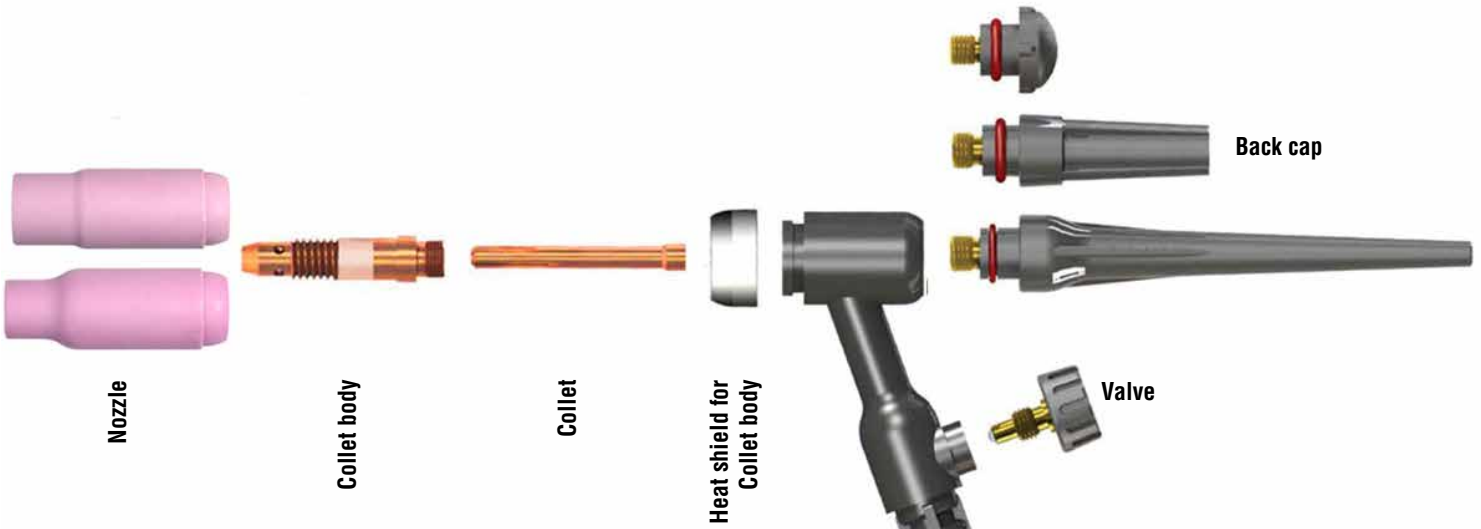
Name	Reference	Connector
SR17 V	T178100	Standard 35-50 mm.
SR26 V	T268100	Standard 35-50 mm.

#### Spare parts

Item	Reference
SR17 V Torch body	190520201
SR26 V Torch body	190520601
SR17 Valve	19500370
SR26 regulating valve	19500372
SR17 Handle	19051744
SR26 Handle	19052644
SR17 Power cable 4 m.	19S20000421
SR26 Power cable 4 m.	19s70000421



Consult us for other cable sizes.





## MIG Torches

### TIG SR 17-26-18 E Torch (Electrovalve)


SR17 EN | DC 140 Amp. - AC/DC 100 Amp. - Duty cycle - 35%

SR26 EN | DC 180 Amp. - AC/DC 130 Amp. - Duty cycle - 35%


SR18 E | DC 320 Amp. - AC/DC 230 Amp.- Duty cycle - 100% - **Cooled**



#### Coaxial cable 4 m.

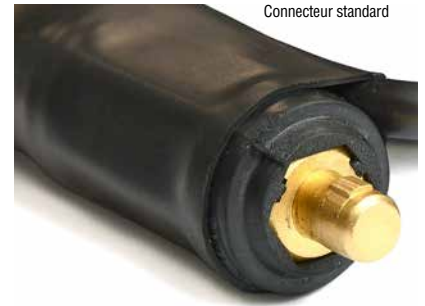
Name	Reference	Connector
SR17 E	T174000	Standard 10-25 mm.
SR26 E	19052614P	Standard 35-50 mm.
 SR18 E - <b>Water cooled</b>	19051814P	Standard 35-50 mm.

#### Coaxial cable 8 m.

Name	Reference	Connector
SR17 E	T178000	Standard 35-50 mm.
SR26 E	T268000	Standard 35-50 mm.
 SR18 E - <b>Water cooled</b>	T188000	Standard 35-50 mm.

#### Spare parts

Item	Reference
SR17 EN Torch body	190520200
SR26 EN Torch body	190520600
SR18 EN Torch body	190520300
SR 17/26/18 Microswitch	19051746
SR17 Handle	19051744
SR 26 /18 Handle	19052644
SR17 Power cable 4 m.	19S20000421
SR26 Power cable 4 m.	19S70000421
SR18 Power cable 4 m.	19S30000422



Connecteur standard



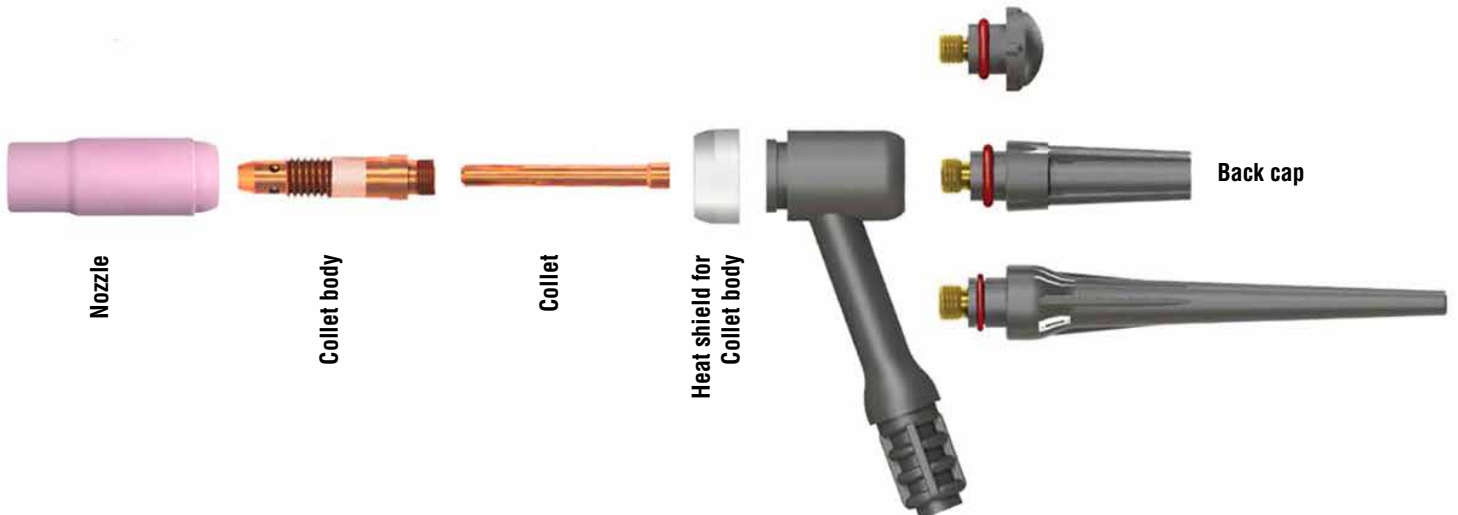
17



26



18



Nozzle

Collet body

Collet

Heat shield for Collet body

Back cap




## TIG Torches


### TIG SR 17-26-18 Euro Torch (Euro-connector)

SR17 Euro | DC 140 Amp. - AC/DC 100 Amp. - Duty cycle - 35%  
 SR26 Euro | DC 180 Amp. - AC/DC 130 Amp. - Duty cycle - 35%  
 SR18 Euro | DC 320 Amp. - AC/DC 230 Amp. - Duty cycle - 100% - **Cooled.**

#### Coaxial cable 4 m.

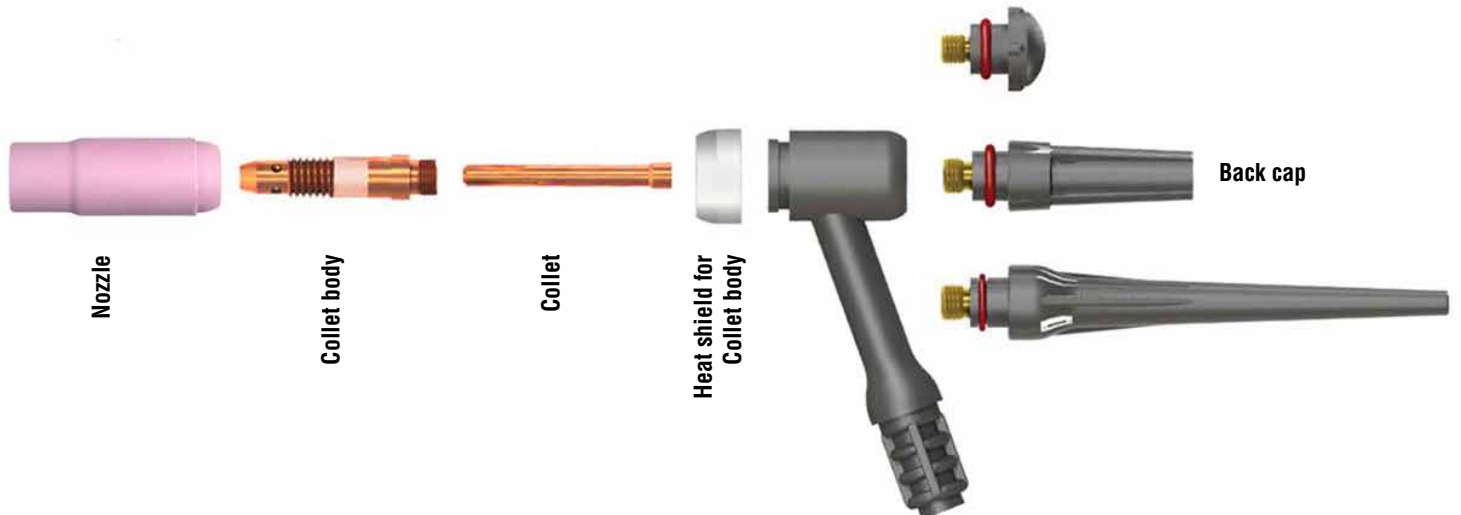
Name	Reference	Connector
SR17 Euro	T174030	Euro-connector.
SR26 Euro	T264030	Euro-connector.
 SR18 EUR - Water cooled	T184030	Euro-connector.

#### Coaxial cable 8 m.

Name	Reference	Connector
SR17 Euro	T178030	Euro-connector.
SR26 Euro	T268030	Euro-connector.
 SR18 EUR - Water cooled	T188030	Euro-connector.

#### Spare parts

Item	Reference
SR17 Euro Torch body	T170001
SR26 Euro Torch body	T260001
SR18 Euro Torch body	T260001
SR 17/ 26 /18 Handle	T993001
SR18 Power cable - 4 m.- 16 mm <sup>2</sup>	T18CA041





## TIG torches Consumables



### TIG Torches STANDARD consumables table

Consumable	Reference / Diameter
STANDARD ceramic nozzle Minimum quantity 10 units x reference.	
<b>1</b> 	6298B10 6.4 mm. (GR.4)
	6444B10 7.9 mm. (GR.5)
	6445B10 9.5 mm. (GR.6)
	6446B10 11.1 mm. (GR.7)
	6447B10 12.7 mm. (GR.8)
	6510B10 16.0 mm. (GR.10)
	19500532B10 19.0 mm. (GR.12)
STANDARD collet body Minimum quantity 10 units x reference.	
<b>2</b> 	6299B10 1.0 mm.
	6455B10 1.6 mm.
	6507B10 2.0 mm.
	6456B10 2.4 mm.
	6457B10 3.2 mm.
	6458B10 4.0 mm.
Collet Minimum quantity 10 units x reference.	
<b>3</b> 	6300B10 1.0 mm.
	6449B10 1.6 mm.
	6450B10 2.0 mm.
	6451B10 2.4 mm.
	6452B10 3.2 mm.
	6453B10 4.0 mm.
Heat shield for Collet body	
<b>4</b> 	19500402
Back caps	
<b>5</b> 	6297 Long
	19500347 Medium
	6280 Short

### TIG Torches GAS LENS consumables table

Consumable	Reference / Diameter
GAS LENS Ceramic nozzle Minimum quantity 10 units x reference.	
<b>1</b> 	T54N18 - 6.3 mm. (GR.4)
	T54N17 - 8 mm. (GR.5)
	T54N16 - 9.5 mm. (GR.6)
	T54N15 - 11 mm. (GR.7)
	T54N14 - 12.5 mm. (GR.8)
GAS LENS Diffuser Collet body Minimum quantity 5 units x reference.	
<b>2</b> 	T45V24 1.0 mm.
	T45V25 1.6 mm.
	T45V25M 2.0 mm.
	T45V26 2.4 mm.
	T45V27 3.2 mm.
	T45V278 4.0 mm.
GAS LENS insulating collet body Minimum quantity 5 units x reference.	
<b>4</b> 	T54N01





# TIG torches accessories

## E-TIG KIT

Ref.: ETIG

(Valid for torch models 17-26-18)

The product is supplied in a case with compartments for each of the references detailed in the table.



**The case includes:**

Consumable	Reference / Diameter	Quantity
Ceramic nozzle		
	6298B10 6.4 mm.	2 units of each
	6444B10 7.9 mm	
	6445B10 9.5 mm	
Collet body		
	6455B10 1.6 mm	3 units of each
	6456B10 2.4 mm	
	6457B10 3.2 mm	
Collet		
	6449B10 1.6 mm	6 units of each
	6451B10 2.4 mm	
	6452B10 3.2 mm	
Back caps		
	6297 Long	1 unit
	6280 Short	1 unit

## Transparent nozzle kit 16 mm.







1.6 mm. - Réf. : PKG171826P16  
2.4 mm. - Réf. : PKG171826P24

**It includes:**

- 1 Transparen
- 1 Collet body
- 1 Collet
- 1 Insulator
- 1 Filter
- 1 O-Ring



**Transparent nozzle accessories for torch models 17-26-18**

Consumable	Reference	Quantity
Transparent nozzle		
	PK3P8PC	10 nozzles pack
Collet body		
	PKCB3GS	5 collet nozzles pack
Collet		
	PK3CGS16	5 tungstens collet pack
Insulator		
	PKHSGS171826	5 Protectors pack
Filter		
	TASGS16	5 Filters pack
O-Ring		
	PKJUNTA	10 O-Ring pack

## TIG torches consumables



### Tungsten electrodes

10 units box



#### Pure green tungsten electrodes

Reference	Size
750100C	1.00 pure green
750160C	1.60 pure green
750200C	2.00 pure green
750240C	2.40 pure green
750320C	3.20 pure green
750400C	4.00 pure green



#### TH red tungsten electrodes

Reference	Size
750102C	1.00 2% TH red
750162C	1.60 2% TH red
750202C	2.00 2% TH red
750242C	2.40 2% TH red
750322C	3.20 2% TH red
750402C	4.00 2% TH red



#### CE grey tungsten electrodes

Reference	Size
750103C	1,00 2% cerium grey
750163C	1.60 2% cerium grey
750203C	2.00 2% cerium grey
750243C	2.40 2% cerium grey
750323C	3.20 2% cerium grey
750403C	4.00 2% cerium grey



#### LTH black tungsten electrodes

Reference	Size
750104C	1.00 1% LTH black
750164C	1.60 1% LTH black
750204C	2.00 1% LTH black
750244C	2.40 1% LTH black
750324C	3.20 1% LTH black
750404C	4.00 1% LTH black



#### LTH gold tungsten electrodes

Reference	Size
750106C	1,00 1,5% LTH gold
750166C	1,60 1,5% LTH gold
750206C	2,00 1,5% LTH gold
750246C	2,40 1,5% LTH gold
750326C	3,20 1,5% LTH gold
750406C	4,00 1,5% LTH gold



#### LTH blue tungsten electrodes

Reference	Size
750105C	1.00 2% LTH blue
750165C	1.60 2% LTH blue
750205C	2.00 2% LTH blue
750245C	2.40 2% LTH blue
750325C	3.20 2% LTH blue
750405C	4.00 2% LTH blue

## Tungsten sharpener

Tungsten sharpener with integrated dust filter

Ref.: 8044166-NT



The Neutrix portable sharpener offers the following options:

- Sharpening of oxidized or pure tungsten.
- Sharpening of electrodes with  $\varnothing$  1.0 - 4.0 mm.
- Variable adjustment angles from 15° to 180°.
- Special clamp for electrodes smaller than 15 mm (optional).
- Integrated filter to remove sharpening dust.
- Capable of sharpening tungsten electrodes anywhere.
- Sharpens the electrode tip accurately and longitudinally.
- Bench stand for attachment to a bench





## Plasma torches

### P-50 Plasma torch

P-50 6 m. | Réf. : 1603050

P-50 12 m. | Réf. : 1603150

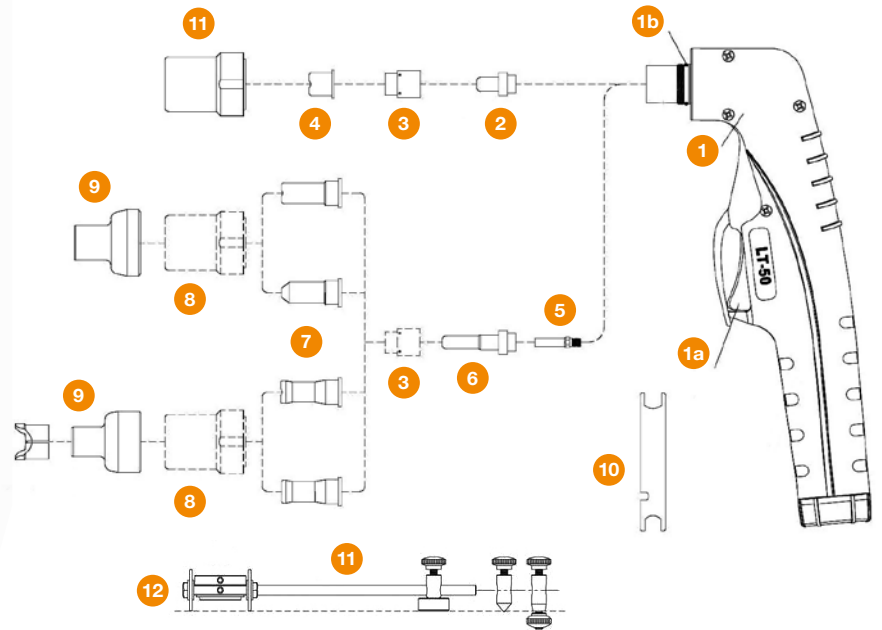
Cutting gas: clean and dry compressed air, 4,5 bar - 120 l/min.

Safety system: electrical

Ignition: high frequency pilot arc

Maximum cutting current: 50A - 60%

Post gas time: recommended 60"



### P-50 Kit

Réf. : KITP50



**It includes:**

Electrode: 5 units

Diffuser: 2 units

Tip: 5 units

Retaining cap: 2 units

#### Spare parts and accessories

No.	Reference	Description	Units
1	1601000	Manual torch body	1
1a	1603280	Torch handle with microswitch	1
1b	160100060B5	O-Ring	5
2	1652512B5. ●	HF-Electrode (long duration)	5
3	1660001B2. ●	Diffuser - VESPEL®	2
4	1651095B5. ●	Tip Ø 1.0 - 50 A (long duration)	5
5	160109042B2	Long tip diffuser	2
6	1652513B5	HF- Long Electrode (long duration)	5
7	1651095LB5	Long Tip Ø 1.0 - 50 A (long duration)	5
8	1660320B2 ●	Retaining cap	2
9	1651965	Shield cap (For long tip)	1
10	1660368	Diffuser wrench	1
11	1651850	Cutting compass	1
12	1651806	Cutting guide	1



## Plasma torches

### PLASMA P-150 Torch

P-150 6 m. | Réf. : 1604051  
P - 150 12 m. | Réf. : 1604151

**Cutting gas:** Clean and dry compressed air, 5 bar - 220 l/min.  
**Safety protection:** electrical  
**Ignition:** high frequency pilot arc  
**Maximum cutting current:** 150A - 60%  
**Post gas time:** recommended 90"  
**Construction features:** central connection  
**Hose (6 m) Neoprene cover Plasma G.**

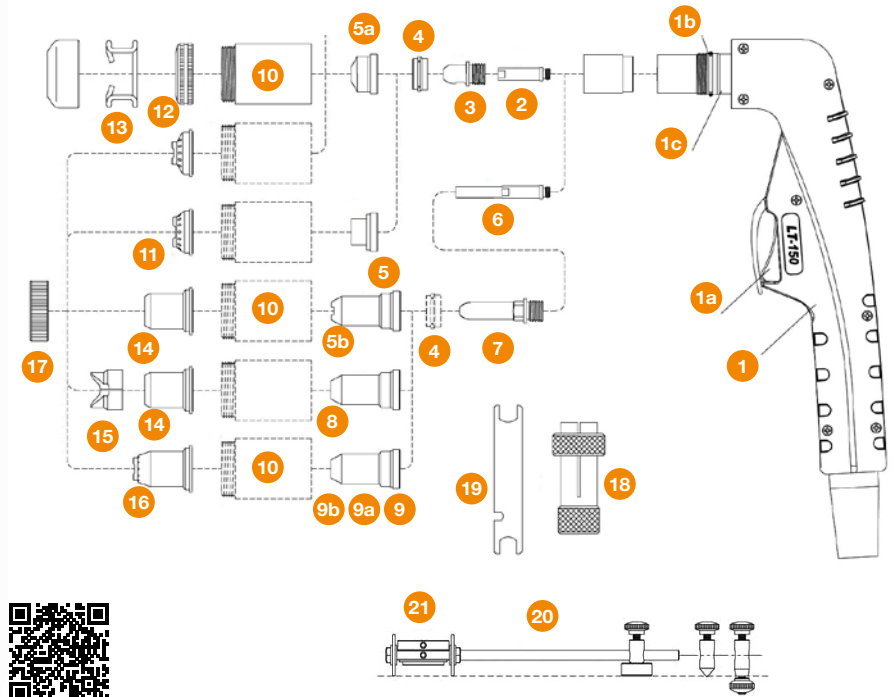


#### KIT P-150

Réf. : KITP150

**It includes:**

- Electrode: 5 units
- Diffuser: 2 units
- Tip: 5 units
- Retaining cap: 1 unit
- Nut: 2 units
- Spacer: 5 units



#### Spare parts and accessories

No.	Reference	Description	Unit
1	1602000	Manual torch body	1
1a	1604280	Torch handle with microswitch	1
1b	160200060B5	O-Ring	5
1c	1660080B5	Interior insulator - VESPEL®	5
2	1605004B5	Diffuser	5
3	1652540B5 ●	HF-Electrode (long duration)	5
4	1660020B2 ●	Diffuser - VESPEL®	2
5	1651140B5	Tip Ø 1.1	5
5a	1651141B5 ●	Tip Ø 1.35 (long duration)	5
5b	1651142B5	Tip Ø 1.6 (long duration)	5
5c	1651143B5	Tip Ø 1.8 (long duration)	5
6	1605005B2	Long diffuser	2
7	1652549B5	HF- Long Electrode (long duration)	5
8	1651148B5	Long tip for contact cutting	5
9	165114813B5	Long tip Ø 1.35 - 90 A	5
9a	165114816B5	Long tip Ø 1.6 - 120 A	5

#### Spare parts and accessories

No.	Reference	Description	Unit
9b	165114818B5	Long tip Ø 1.8 - 150 A	5
10	1660350R ●	Short tip (Possibility of contact cutting)	1
11	1651950B5	Manual contact cutting spacer (for long M6 ÷ 6c)	5
12	1651952B2 ●	Outer metallic sealing protection (for spring spacer)	2
13	1651911B5 ●	Spring spacer	5
14	1651957B5	Contact cutting protection (long tip M9 max. 50A)	5
15	1651974B2	Spacer for long tips with high amperage	2
16	1651958B5	Manual contact cutting protection (for long tip 10 ÷ 10b)	5
17	1651959B5	Outer locking nut	5
18	1660369	Diffuser extractor	1
19	1660368	Electrode open end wrench	1
20	1651851	Cutting compass	1
21	1651807	Cutting guide (Compass)	1

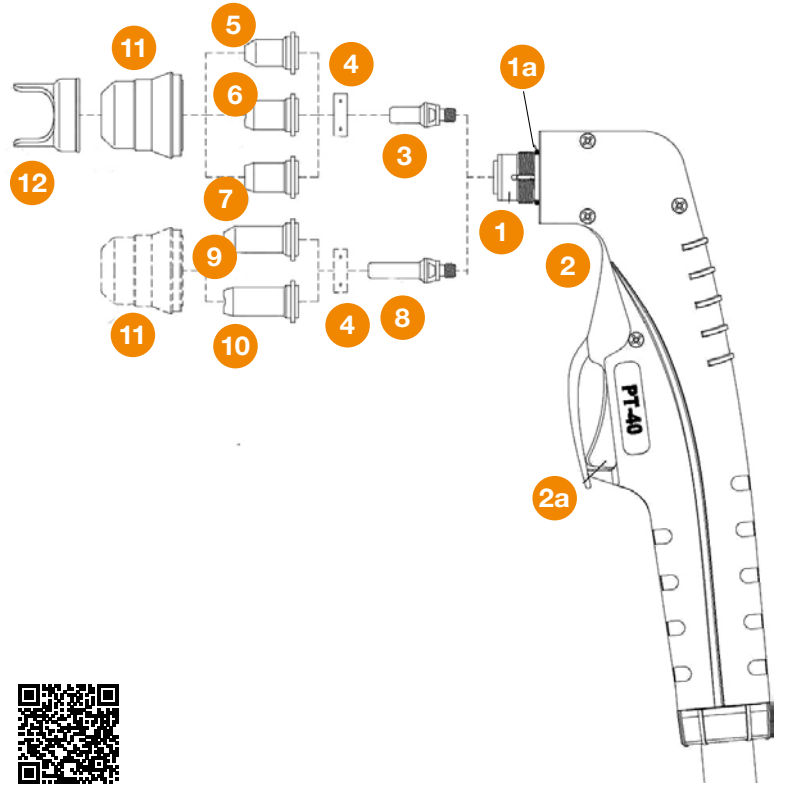


## Plasma torches

### PLASMA PT-40 Torch

Voltage: 10-40 Amp.  
Duty cycle: 40A - 60%  
Gas: Air/N2  
Gas pressure: 4.4-5.0 bar  
Rated flow: 150 lpm  
Ignition: without HF

PT-40 4 m. | Réf. : 1609630  
PT-40 6 m. | Réf. : 1609631  
PT-40 6 m. Euro | Réf. : 1609635G



Réf. : KITPT40

**It includes:**  
Back Striking Electrode: 5 units  
Diffuser: 2 units  
Cutting tip: 5 units  
Retaining cap: 2 units  
Spacer: 2 units

#### Spare parts and accessories

No.	Reference	Description	Units
	1609685	Manual cutting set, 4 m. coaxial cable	1
	1609686	Manual cutting set, 6 m. coaxial cable	1
1	1609602	Manual torch head PT-40	1
1a	165162060B5	O-Ring	5
2	1609605	Torch handle with ON - OFF switch	1
2a	160730120	ON - OFF switch	1
3	1652582B5. ●	Back Striking Short Electrode	5
4	1660028B2. ●	Diffuser	2
5	165131806B5	Tip, contact cutting , Ø 0.65, 10-20A, Back Striking	5
	165131808B5	Tip, contact cutting ,Ø 0.8, 20-30A, Back Striking	5
	165131809B5	Tip, contact cutting Ø 0.9, 30-40A, Back Striking	5

#### Spare parts and accessories

No.	Reference	Description	Units
6	165131209B5 ●	Tip, contact cutting Ø 0.9, 30-40A, Back Striking	5
7	165131310B5	Flat tip, cutting , Ø 1.0, 40-50A, Back Striking	5
8	1652583B5	Long electrode, Back Striking	5
9	1651318L06B5	Long tip, contact cutting, Ø 0.65, 10-20A, Back Striking	5
	1651318L08B5	Long tip, contact cutting, Ø 0.8, 20-30A, Back Striking	5
10	165131409B5	Long tip, contact cutting, Ø 0.9, 30-40A, Back Striking	5
11	1660389K4B2 ●	4-Hole Retaining Cap	2
	1660389B2	6-Hole Retaining Cap	2
	1651866	PT-40 Compass	1
12	1660432B2 ●	Two-points spacer For use with items 5 and 7 only	2
	1660368	Electrode open end wrench	1

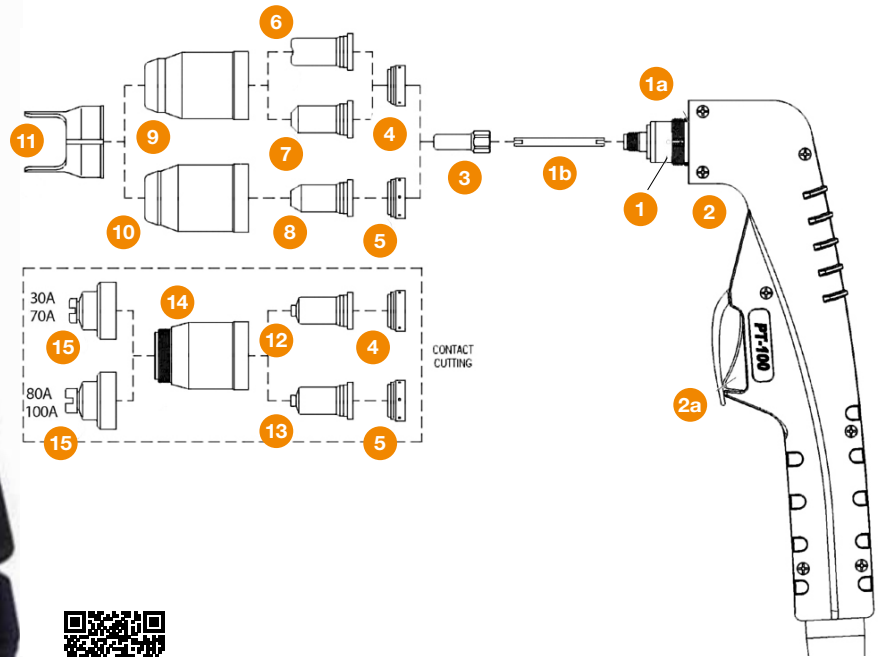


## Plasma torches

### PLASMA PT-106 Torch

**Voltage: 30-100 Amp.**  
**Duty cycle: 100A - 60%**  
**Gas: Air/N2**  
**Gas pressure: 4.6-5.0 bar**  
**Rated flow: 200 lpm**  
**Ignition: without HF**

**PT-106 6 m | Réf. : 1609740**  
**PT-106 12 m | Réf. : 1609726**



Réf. : KITPT106

**It includes:**

Back Striking Electrode: 5 units    Retaining cap: 2 units  
Diffuser: 2 units                      Spacer: 2 units  
Cutting tip: 5 units



#### Spare parts and accessories

No.	Reference	Description	Units
1	GG1609700	Manual torch body	1
1a	165119041B10	O-Ring	10
1b	160970048B2	Cooling tube	2
2	169705	Handle with ON - OFF switch	1
2a	160730120	ON - OFF switch	1
3	GG1652556B5	Back Striking electrode	5
4	1660025B2	Diffuser, 30-70 A	2
5	1660026B2	Diffuser, 80-100 A and grinding	2
6	165124509B5	Tip, contact cutting Ø 0.9, 30-40A, Back Striking	5
7	165124610B5	Tip, cutting Ø 1.0, 40-50A, Back Striking	5
	165124611B5	Tip, cutting Ø 1.1, 50-60A, Back Striking	5
	165124612B5	Tip, cutting Ø 1.2, 60-70A, Back Striking	5
8	165124814B5	Tip, cutting Ø 1.4, 80-90A, Back Striking	5
	165124815B5	Tip, cutting Ø 1.5, 100A, Back Striking	5
9	1660500B2	Retaining Back Cap, 30-70 A	2

#### Spare parts and accessories

No.	Reference	Description	Units
10	1660501B2	Retaining Back Cap, 80-100 A	2
11	1660444B2	Two-points spacer (For use with items 5 and 7 only)	2
	1660368	N / S Electrode open end spanner	1
12	165127610B5	Contact tip, Ø 1.0, 40-50 A, Back Striking	5
	165127611B5	Contact tip, Ø 1.1, 50-60 A, Back Striking	5
	165127612B5	Contact tip, Ø 1.2, 60-70 A, Back Striking	5
13	165127814B5	Contact tip, Ø 1.4, 80-90 A, Back Striking	5
	165127815B5	Contact tip, Ø 1.5, 100 A, Back Striking	5
14	1660502B2	Nozzle holder	2
15	1660504B5	Shield cap, manual, 40-70 A	5
16	1660505B5	Shield cap, manual, 80-100 A	5
19	1651864	Compass	



## Plasma torches

### PLASMA TH-125 Torch

**Current : 40-125 Amps**  
**Duty Cycle: 125 Amps at 60%**  
**150 Amps at 40% - Gas: Air/N2**  
**Gas Pressure**  
 - Cutting125A: 72-87 PSI (5.0-6.0 bar)  
 - Cutting150A: 80-87 PSI (5.5-6.0 bar)  
 - Gouging: 58-65 PSI (4.0-4.5 bar)

**TH-125 6 m. - Ref.: 1603721CX**  
**TH-125 12 m. - Ref.: 1603726CX**

Gas Flow at 125A: 630 SCFH (295 lpm)  
 Post Flow Time : 45 sec  
 Pilot : Electrode to Tip (15-18A)  
 Ignition: Without HF

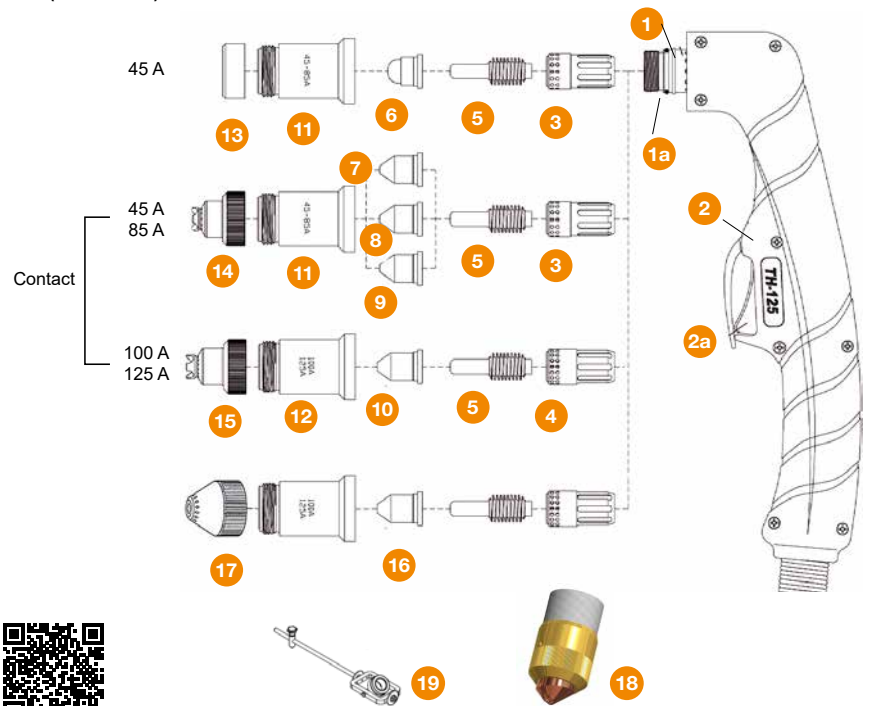


**KIT TH-125**



**Réf. : KITTH125**

**It includes:**  
 Electrode: 5 units  
 Tip: 5 units  
 Retaining cap: 2 units  
 Diffuser: 1 unit  
 Spacer: 2 units



#### Spare parts and accessories

No.	Reference	Description	Units
1	1603700	Torch head	1
1 <sup>a</sup>	160103560	O-Ring	1
2	1603705	Handle with ON - OFF switch	1
2 <sup>a</sup>	160730120	ON - OFF switch	1
3	1660042	Diffuser 45-85 A	1
4	1660040 ●	Diffuser 100-125 A	1
5	1652677	Electrode, 45-125 A	1
6	1651415 ●	Tip, 45 A, precision cutting	1
7	1651416	Tip, 45 A	1
8	1651417	Tip, 65 A	1
9	1651418	Tip, 85 A	1

#### Spare parts and accessories

No.	Reference	Description	Units
10	1651419 ●	Tip, 105 A	1
	165141916	Tip, 125 A	1
11	1660309TA	Retaining cap, 45-85 A	1
12	1660309TC ●	Retaining cap, 100-125 A	1
13	1651928	Retaining cap protection, 45A, Precision cutting	1
14	1651921	Shield cap, 45-85 A	1
15	1651926	Shield cap, 100-125 A	1
	1651865 ●	N/S Cutting Compass	1
16	1651419G	Gouging Nozzle, 125 A	1
17	1651927G	Shield Cap, Gouging	1
18	1653505T	FLATCUT Cartridge 125 A	1
19	1651865	Circle cutting attachment	1



### TM-125 Straight plasma torch

**De 12 m. | Réf. : 1603736CX**

**De 6 m. | Réf. : 1603731CX**



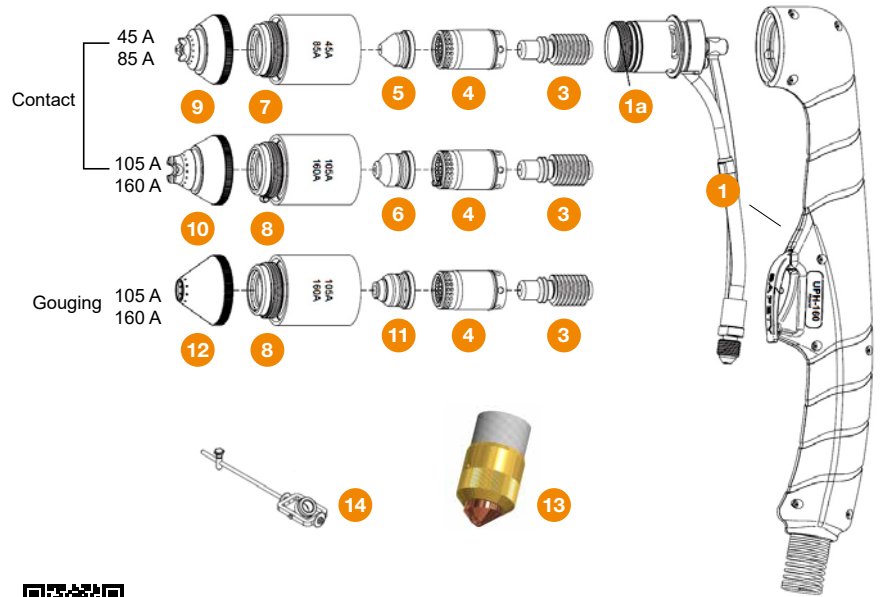
## Plasma torches

### PLASMA UPH-160 Torch

**Current : 30-160 Amps**  
**Duty Cycle: 160 Amps at 60%**  
**Gas: Air/N2**  
**Gas Pressure**  
 - Cutting: 72-87 PSI (5.0-6.0 bar)  
 - Gouging: 40-46 PSI (3.0-3.5 bar)

**UPH-160 6 m. - Ref.: 1603921CX**  
**UPH-160 12 m. - Ref.: 1603926CX**

Gas Flow at 160A: 850 SCFH (420 lpm)  
 Post Flow Time : 45 sec  
 Pilot : Electrode to Tip (22-25A)  
 Ignition: Without HF



**KIT UPH-160**

**Ref.: KITUPH160**

**It includes:**

- Electrode: 5 units
- Tip: 5 units
- Retaining cap: 2 units
- Diffuser: 1 unit
- Spacer: 2 units



#### Spare parts and accessories

N°	Reference	Description	Quantity
1	163900	Hand torch head	1
1*	160390060B20	O-ring	20
2	1605505	Handle with switch	1
3	1652678B5 ●	Electrode, 45-160 A	5
4	1660039B2 ●	Swirl Ring, 45-160 A	2
5	1651420B10	Nozzle, 45 A	10
	1651421B10	Nozzle, 65 A	10
	1651422B10	Nozzle, 85 A	10
6	1651425B10 ●	Nozzle, 105-125 A	10
	1651426B10	Nozzle, 160 A	10

#### Spare parts and accessories

N°	Reference	Description	Quantity
7	1660311TA	Shield Cup Body, 45-85 A	1
8	1660311TB ●	Shield Cup Body, 105-160 A	1
9	1651916TB2	Shield Cap, 45-85 A	2
10	1651917TB2 ●	Shield Cap, 105-160 A	2
11	1651425GB10	Gouging Nozzle, 160 A	10
12	1651919GB2	Shield Cap, Gouging	2
13	1653638	FLATCUT Cartridge 160 A	1
14	1651868	Circle cutting attachment	1



### UPH-160 Straight plasma torch

**De 6 m. | Ref.: 1603921CX**  
**De 12 m. | Ref.: 1603926CX**

gala gar  
SOLDADURA

# Protection

# 2025

## WELDING MASKS | CURTAINS

Electronic mask

Automatic glasses

Eye and respiratory protection

Blankets

Curtains

80 years



## Electronic mask

### Black GASWELD electronic mask

Ref.: 5998F / 5998FC



#### Description:

Screen designed to provide welders with excellent visual quality and a high level of protection from the UV and IR rays generated by the arc during welding and plasma cutting processes. It is not suitable for use with laser equipment. Available in two models with a reinforced ABS helmet in Black and Skull Fire colors. It is certified to EN 175 and EN 379 CE standards, with an optical rating of 1/1/1/2, and comes with a 2-year warranty against manufacturing defects (see warranty conditions for this item in the instruction manual).

#### Advantages:

The GasWeld-Dark model screen offers the following features compared to other market options:

- True Color Vision
- Viewing area of 92x43 mm
- 2 digital sensors
- Replaceable 3V Lithium battery (CR 2032) + Solar Reader
- Ultra-fast response time of 1/25000s
- Fully adjustable harness (see instruction manual)

Suitable for welding processes with MMA Electrode, MIG, TIG, and PLASMA Cutting.

It features a grinding mode, "GRINDING," with DIN-3 shade

and variable position for welding from DIN-9 to DIN-13.

### Gasweld BASIC Model

Ref.: 5999A

#### Description :

Screen designed for PROFESSIONAL PROFESSIONAL use, with excellent quality of vision and a high degree of protection against UV and IR rays. PROFESSIONAL use, with excellent quality of vision and a high degree of protection against UV and IR rays generated by the arc, it has an ULTRA-FAST (1/25000s) response time.

Thanks to CX10 technology, it is EN 175 EN 379 CE certified, type 1/1/1/2 optics. (see warranty conditions for this product in the instruction manual).

#### Advantages :

- 90 x 35 mm viewing area.
- Replaceable 3 V lithium battery.
- Adjustable harness (see instruction manual)



#### Technical characteristics

**NEW**

Model	DARK	BASIC
Cartridge size	110x90 mm.	110x90 mm.
Visión area	92x43 mm.	90x35 mm.
Processor	CX10	CX10
Minimum amperage	4 A	10 A
Current type	AC & DC	AC & DC
IR / UV protection	Jusqu'à DIN 16 - 98%.	Jusqu'à DIN 16 - 98%.
Hull material	Reinforced ABS	PA
Regulating grid	External	External
Time delay	Automatic	Adjustable
Sensitivity	Automatic	Adjustable
ON / OFF	Automatic	Automatic
Optical Class	1/1/1/2	1/1/1/2
Certifications	EN 175 - EN 379 / CE	EN 175 - EN 379 / CE



## Electronic mask

### *GALAXY electronic mask*

Ref.: 51259B

**Description:**

Galaxy electronic mask: The most perfect optics and a larger viewing area 100x65mm.

**Features:**

It uses an exclusive optical technology, to achieve that the filter has a better vision colour (satisfying the needs of the welder with a high definition. (Light protection degree 3.5)

The filter allows the full range of degrees of protection and is indicated for any type of welding with low or high current intensity (Degree of Protection 3.5 / 4-13, TIG 3 Amp.)

Saving energy and protecting the environment, the useful life of the battery is 3 years and it is replaceable.

Super light rational design, unbeatable structure, simple and comfortable to carry.

Tilt adjustment meets the specific ergonomic needs of the user.

The swivel-type head harness evenly distributes weight for all-day use.



**Technical characteristics**

Light protection degree	3.5
Control / Variable protection degree	3.5 / 4-13
Filter switching speed (sec.) Lighter to darker	1 / 25.000
Optics type	1 / 1 / 1 / 1
UV / IR transmission coefficient	0.00002% / 0,03%
Powered by solar cells and replaceable lithium batteries	1 x CR2450
Magnifying lens	Yes
Grinding Mode protection degree	3.5
Light sensitivity control	Constant
Arc sensors	4
Delay control from Darker to Lighter (in sec.)	0.2 - 0.8
Fully adjustable	
TIG Power Amp - TIG	DC 3 Amp, TIG AC 3 Amp.
Filtration cartridge size (mm.)	4.9 x 4.2 (125 x 106)
Viewing window size (mm.)	3.94 x 2.56 (100 x 65)
Temperature range	Operation: -10 OC - +55 OC (14 OF - 131 OF) Storage: -20 OC - +70 OC (-4 OF - 158 OF)
Weight	490 g.



**Accessories**

Reference	Description
5125905	Outer filter cover 124x106 mm.
5125906	Inner filter cover 106x68 mm.



## Electronic mask

### SERVORE V2 electronic mask

Ref.: 30144000VN



**2 YEARS WARRANTY ON OCULAR CASSETTE**

#### Technical characteristics

Optics class	1/1/1/1
Actuation speed	1/25.000 sec ( 0.04 ms)
Dimming control	Fixed Tone 3 = natural vision / Variable roulette tone 9 to 13
Sensitivity control	Variable roulette from Low - Higt
Delay control	Variable roulette from Slow( 0.8s) to Fast (0.05 ms)
3 position use switch	TIG HF / Standard / Grinding
Number of photosensors	2 Standard / 2 for TIG HF
Sensitivity in TIG HF mode	< 5 Amp.
Perimeter vision	Sides fixed pitch 5 / possibility of covering side view
Cassette size	111 x 42 mm.
Weight	492 gr.
Power supply	CR2032 / 2u = 3V lithium / solar rechargeable batteries
Low battery" warning	yes
Possibility of use with protective helmet	yes
Personal storage bag	yes
Transverse movement adjustment for use with goggles and self-contained breathing masks	yes

#### Description:

Electronic mask suitable for all welding processes, especially **recommended for TIG use.**

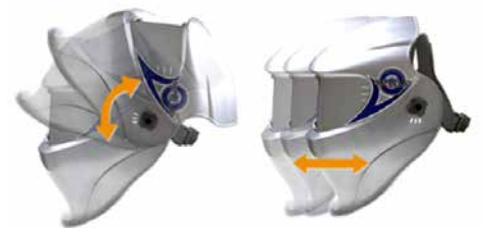
Made from high-temperature resistant nylon, it is lightweight and comfortable, offering excellent protection thanks to its optical class 1/1/1/1. It features **Natural Color technology** that provides a true color view during welding.

It is equipped with fixed-tone side windows that allow for a wide field of vision. Its 2 photosensitive sensors and **RF sensor** are **extremely effective in TIG welding below 5A.**

Its battery and photovoltaic sensor offer 3,000 hours of autonomy.

Its adjustable harness allows finding the ideal balance to minimize fatigue and enable wearing it for long periods.

**Complete harness with adjustments for rotation, tilt, and proximity to the eyes.**



**Superior ergonomics**



**Adaptable for use with a helmet**



**Deformable:**





# Electronic mask

## Basic model

Ref.: 301450001



**Description:**

The world's first auto-darkening welding goggles. Super light, small and easy to transport, but with maximum protection and flexibility. Welding goggles with automatic darkening and protection for projections.

The multifunction and multipurpose concepts presented are ideal for tight space work, pipe welding, docks, welding inspection and instruction etc.

**Use:**

Grinding: DIN 3 | Gas / Plasma: DIN 5 / 7  
MIG/TIG: DIN 5 to13



**The box includes:**



Electronic glasses



Anti-projection face mask



Prescription glasses adapter and 2 front protectors



Carrying bag

**Technical features**

Shade	Fixed	> DIN 3
	Variable	> to be chosen DIN 5 / 7 / 9 / 11 / 13
Speed		1/15.000th sec.
Sensitivity		Adjustable from low to high, 5 positions
Sensors		2 frontal side
Battery		Replaceable, lithium, 1,000 h. of use (+/-)
Weight		220 g.
Choice of welding mode and grinding mode		



**Adaptable for use with a safety helmet.**

The patented adapter allows full movement, guaranteeing perfect balance and comfort.



## Electronic mask

*PRO model*

Ref.: 301450002



**Description:**

Excellent vision of bright colours with a wide window.

Great TIG welding performance + RF sensor.  
For use in grinding, cutting, welding, etc.

**Features:**

Broader and brighter view than conventional welding masks. The lens is equipped with an RF sensor  
Perfect for mobile welding in tight spaces where sensors are often blocked at the different viewing angles required

**Use:**

Grinding: DIN 3  
Gas / Plasma: DIN 5 / 8  
MIG/TIG: DIN 5 to 13



**The box includes:**



Electronic glasses

Anti-projection face mask

Prescription glasses adapter and 2 front protectors

Cap nun type

Carrying bag

**Technical features**

Shade:	Fixed	> DIN 3
	Variable	> chosen DIN 5 to 13
Speed		1/25.000th sec.
Sensitivity		Adjustable from low to high, 7 positions
Sensors		2 frontal side
Battery		Replaceable, lithium, 1,000 h. of use (+/-)
Weight		260 g.
Choice of welding mode and grinding mode		



**Adaptable for use with a helmet.**

Patented adapter allows full movement guaranteeing perfect balance and comfort.



## Eye and respiratory protection

### Galaxy PRO electronic mask

#### Autonomous breathing equipment

Perfect for use in fixed workstations allowing total mobility of the welder.



#### Battery and filter



Visual and audible low battery alarm.  
Replaceable and rechargeable lithium battery (8 hours duration).  
2 air flows: 180 and 220 l/m.  
Sound level: 65 db.  
Pre-filter and TH2 PRSL filter

#### Folding



Lightweight and comfortable



#### Different models

Reference	Description	Galaxy PRO Model
30058S13	Foldable	Welding / Grinding - Cassette 100x67 mm.
30058S4	Foldable	Welding / Grinding - Cassette 93x43 mm.
3007705	-	Plasma / Autogenous - Shade DIN 5
3007700	-	Grinding / Transparent shade

#### Features:

Folding, allows work of grinding transparent shade with respiratory protection.

160° side vision as standard.

Height / width / inclination regulation and longitudinal adjustment (use with glasses)

#### Applications:

Perfect for use in fixed workstations allowing total mobility of the welder.

Air generator / filter / Visual and audible alarm for insufficient flow or clogging.

Individual use.

#### Peripheral vision and natural colour



Colour = natural vision

Optical quality: 1 / 1 / 1 / 2

2 sizes: 93x43 mm. and 100x67 mm.

4 independent sensors

Solar, with replaceable lithium batteries.

Regulation DIN 9-13

Fixed shade DIN 5 (Plasma / Autogenous)

Regulation: Sensitivity and Delay





## Protective blankets

### Basic model blankets

Welding blankets are used to protect the work area against welding projections and are available in standard sizes or in rolls of 25 / 50 meters.



#### Technical characteristics

Peak temperature	600°C
Continuous temperature	550°C
Weight gr /m2	690
Color	gray
Protection faces	1 side

#### Applications:

Horizontal or vertical use application, for light welding and grinding.



#### Description:

Made of fiberglass fabric with flame retardant polyurethane coating and aluminum increase the anti-slip properties.

#### Basic model standard sizes

Reference		Measures
1065061		Blanket 550°C 100x100 cm.
1065062F	G550L <b>NEW</b>	Blanket 550°C 200x100 cm.
1065065F	G550XL <b>NEW</b>	Blanket 550°C 200x200 cm.

#### Basic model in rolls

Reference		Measures
105650061025		Blanket 550°C Roll 25 m. x 1 m.
165650061550		Blanket 550°C Roll 50 m. x 1.5 m.
105650062050F	G550L <b>NEW</b>	Blanket 550°C 50 m. x 1 m.
105650061050F	G550XL <b>NEW</b>	Blanket 550°C 50 m. x 2 m.

For other temperatures and other standard sizes, CONSULT US.

### PRO model blankets



#### Technical characteristics

Peak temperature	1300°C
Continuous temperature	1100°C
Weight gr /m2	1150
Color	Light brown
Protection faces	2 faces

#### Applications:

Horizontal use application, for intense welding.



#### Description:

Blankets made of silicate fiber fabric and treated with a mineral base for treated with a mineral base to increase its heat resistance.

#### Model PRO standard sizes

Reference		Measures
1065091		Blanket 1100°C 90x100 cm.
10565093		Blanket 1100°C 90x300 cm.
1065065F	G1100L <b>NEW</b>	Blanket 1100°C 200x90 cm.

#### PRO model in rolls

Reference		Measures
105650090950		Blanket 1100°C roll 50 x 0.9 m.

For other measurements,  
180x200 cm.  
180x 300 cm.  
270 x 300 cm.

**CONSULT US.**



## Protective curtains

### Curtains

Welding curtains are designed for use in workplaces where bystanders must be protected from hazardous radiation emitted during welding work.



**Description:**

Our curtains provide protection against dangerous blue light rays and ultraviolet (UV).

In case of prolonged exposure, these rays can cause actinic conjunctivitis and even cataracts. The curtains also protect the welder from the reflection of the welding light.

**Gala Gar** has curtains in three colors that comply with the European standard **EN-1598** Except for the green curtains, all the others are transparent, allowing a good overview of the work area.

This creates security and prevents welders from feeling isolated.

**Characteristics:**

PVC of approximately 0.40 mm. of thickness.

Completely sealed seam, 5 cm. wide.

Synthetic suspension eyelets in top seam.

Snap closures on both sides 40 cm apart,

one on top of the other to join the curtains.

Includes 7 steel suspension rings for the 7 eyelets for Ø 33.7 mm tube (tube not included).

Curtain models		
Reference	Color	Dimensions W x H (mm.)
1061516	Red (Shade 4)	1.400 x 1.600
1061518	Red (Shade 4)	1.400 x 1.800
1061520	Red (Shade 4)	1.400 x 2.000
1061916	Green (Shade 9)	1.400 x 1.600
1061918	Green (Shade 9)	1.400 x 1.800
1061920	Green (Shade 9)	1.400 x 2.000
1061016	Transparent	1.400 x 1.600
1061018	Transparent	1.400 x 1.800
1061020	Transparent	1.400 x 2.000

### Structures + curtains



Structure options		
Reference	Color	Dimensions W x H (mm.)
100363919	Green	Structure 1,400 x 1,900
100363915	Red	Structure 1,400 x 1,900
100363929	Green	Structure 2,000 x 1,900
100363925	Red	Structure 2,000 x 1,900
10363215	Structure with sturdy wheels (CONSULT US)	

**Consult us for other sizes of customized structures**

### Curtain installations

Design and quotation of fixed structures as required for booth and/or robot areas.

We take care of installation and assembly.

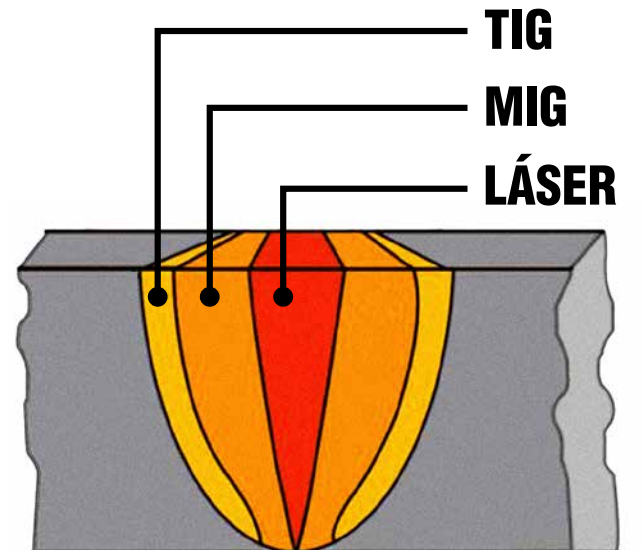


**Ask us for a project study and a tailor-made quotation.**

## Safe Laser welding

*What does laser welding bring to your company?*

**More Productivity**



### Advantages:

- **Speed (Laser 25-35 mm. x second)**
  - Up to 10 times faster than TIG (2.5-5.0 mm. x second)
  - Up to 4 times faster than MIG (6-12 mm. x second)
- **Reduced heat-affected zone (HAZ)**
- **Less deformation**
- **Preservation of mechanical properties (less porosity, less risk of cracking).**
- **No limit on weldable materials.**
  - Carbon steels and their alloys: stainless steels, aluminum, copper, titanium, etc.
- **Superior quality:**
  - Narrower bead, fewer touch-ups
  - High-quality, repeatable results.
  - Ease of use.
  - Unskilled labour.



**1500 and 2000 W single-phase models  
up to 6 mm. full penetration**

## Our recommendation



*Proposal to create a safe area for equipment use*



*In order to comply with standard UNE EN 60825-4 it is mandatory to create a laser safety area to protect surroundings and workers from radiation.*

*Gala Gar offers standard cabins ready to install as well as counsel on how to make it yourself.*

### **Certified laser protection mask for GLS 1500 and GLS 2000 workstations**

Protects against UV and IR radiation and eliminates the need to use laser glasses in addition to a traditional mask



**NEW**





## SynerBot Welding Robotics Division

*At SynerBot we are a team.*

At Gala Gar we understand that the quality of our products is directly related to the quality of our staff, which is why we have an excellent team that contributes with their know-how and experience to the development of our products. They are all at your disposal.

### *Experts in industrial arc welding solutions*

Our welding technology has been carefully developed by our R&D department in collaboration with our experienced welders, this is where our best Synergy has been produced.

We have created SynerBot, a division specialised in the automation and robotisation of welding processes.

We provide turnkey solutions for fully integrated welding equipment, all backed by our extensive experience in the industry.

Our training programmes will accelerate the learning curve, so you can start producing as soon as possible.

We have Welding Engineering to set parameters and automate each of your projects.



### *SynerBot Series*

**SynerBot Series offers an extensive product and service programme that will allow application in automated and robotic welding integration projects, according to customer needs.**

**Solutions for MIG / MAG, TIG, PLASMA, Orbital and stud welding.**



### *Partners*

Solutions developed in collaboration with leading brands in the robotics and process automation sector.



[www.synerbotwelding.com](http://www.synerbotwelding.com)

## EasyCell self - supporting standard cells

The training of new professionals is very important for us. That is why we present these compact self-supporting cells, allowing mobility between work spaces, in addition to being equipped with everything necessary for welding work of the highest demand and quality.

### EasyCell MV

1200x800mm.

Compact structure equipped with Wheels, Plasma-Nitrided board and compact 400 amp welding equipment, welding torch and software for Cobot type UR5.

Included are spark collection trays, a cabinet with drawers, and space for a robot cabinet.

In the case of placing Cobot type UR10, the model is, EasyCell MV 1500 x 1000.



### EasyCell 1MF

Compact cell with surface area of 1500 x 1000, for Cobot type UR10, greater process performance by incorporating complete fairing, inactive slats, work cycle beacon, dedicated button panel and additional built-in security.

It has an integrated torch cleaning unit, spark collection trays, spaces and cabinets for free use.

It can be configured with any of our Synerbot welding equipment.

**OPTIONAL:** Lathe System for turning and repositioning parts, and Aspiration system for fumes, vapors and welding gases.

### EasyCell TWIN 2MF

Compact cell with two 1500 x 1000 work surfaces, which provide optimal process safety by incorporating a complete enclosure, folding blinds separating tables and protecting the welder, inactive slats, work cycle beacon, dedicated button panel and additional built-in security.

It has an integrated torch cleaning unit, spark collection trays, spaces and cabinets for free use.

Can be configured with any of our Synerbot welding equipment.

**OPTIONAL:** Lathe System for turning and repositioning parts, and suction system for fumes, vapors and welding gases. UR10 robot on column, vertical position or indoors.





SOLAR  
WELDING

சுயம்சார்த்தம்

# gala gar®

WELDING

---

Gala Gar, S.L., c/ Jaime Ferrán, 19 (Políg. Cogullada)

Tel: (+34) 976 47 34 10 | 50014 ZARAGOZA

[www.galagar.com](http://www.galagar.com)