STAYER

DESIGNED FOR PROFESSIONAL

GENERAL

CATALOGUE

OCT. 2023 - 2024

ELECTROPORTABLE | WELDING | ACCESSORIES

STAYER

WELCOME TO THE STAYER GROUP

I + D Laboratory
Assembly line
WELDING range

STAYER Technical Service

COMPANY 100% SPANISH CAPITAL,

with more than 60 years of experience in the manufacture and distribution of **Power** Tools, **Battery** powered **tools**, **Welding** equipment and **Abrasive** and **Diamond** Discs.

We are a team of professionals at the service of our clients, with facilities of more than 20,000m2.

In **1958** the brand was born in Italy as a specialist in Power Tools for wood, being the first to launch a combined mitre saw including an upper table on the market.

In **1976** the distribution began in the Spanish market through Imaport.

At the end of the 90s, STAYER IBERICA, was transformed from a marketer to a manufacturer, dominating the entire value chain for the first time, implementing an integrated business model.

In **1999** the first phase of the current facilities was carried out. In **2000**, the diamond blade factory was inaugurated with the most modern technology, including hot pressing machines and laser welding.

In **2003** the process of expanding the current facilities began, which ended in the following two years.

In **2005**, the assets of the company **STAYER Italy** were acquired, thus becoming **STAYER IBERICA** the manufacturer of the products and the continuation of all the activity of the Italian company.

In **2005 STAYER Italy** was established in the city of Schio, in the province of Vicenza.

At the end of **2020**, the construction of a **new logistics** center began, doubling our storage capacity.

In **2021**, a system with **7 automated intelligent** storages with 10 meters high is installed.

In **2022** the construction of a new warehouse in Madrid began, improving our logistics.

In July **2022, a 250-kW** photovoltaic energy system with solar panels is installed on the company's roof. As the company grows, our commitment to sustainability and social responsibility increases.

Warehouses
STAYER

Assembly line
STAYER

Diamond Tools Factory
ABRASIVOS GRINDING

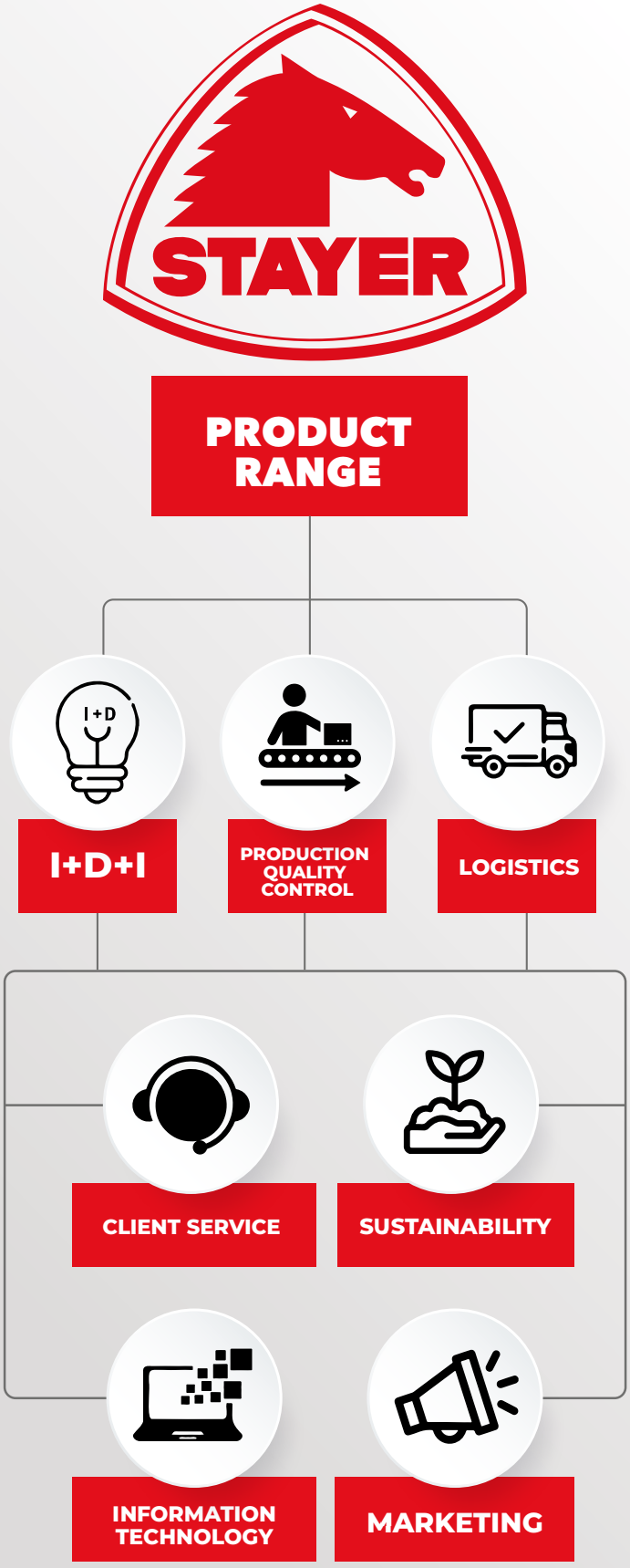
Central Offices
STAYER GROUP

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

ISO 9001

Stayer is certified for the quality system: product development, analysis laboratory, assembly, product control and distribution, etc., which is proof of the team's commitment to continuous quality improvement..

OUR BUSINESS MODEL



We have an INTEGRATED Business model, through which we can CONTROL the entire product value chain

The increasingly complex international demand, the rapidity in the evolution of technologies and the most demanding competition, pose the most relevant day-to-day challenges in our company.

Our main purpose is the development of innovation in all areas of the organization, with continuous improvement in our production processes, offering new products that meet the needs of our customers with exclusive, versatile, and durable designs.

Our determination to achieve the perfect symbiosis between Quality and Price is the continuous challenge that we face with the deepest tenacity.

All our equipment is subject to the strictest quality tests in our laboratories with a detailed and constant follow-up always carried out under the supervision of our engineers, verifying by means of state-of-the-art measurement equipment that each one of our creations always comply with the highest European and International Quality Standards.

STAYER goes one step further in its quality controls. For us, quality is not a mere matter of technological, scientific or safety approval by certifying bodies or institutions, but the approval by our clients that each of our equipment meets their expectations under the most severe conditions of real work, subjecting them to rigorous field tests prior to their launch on the market

RANGE STAYER

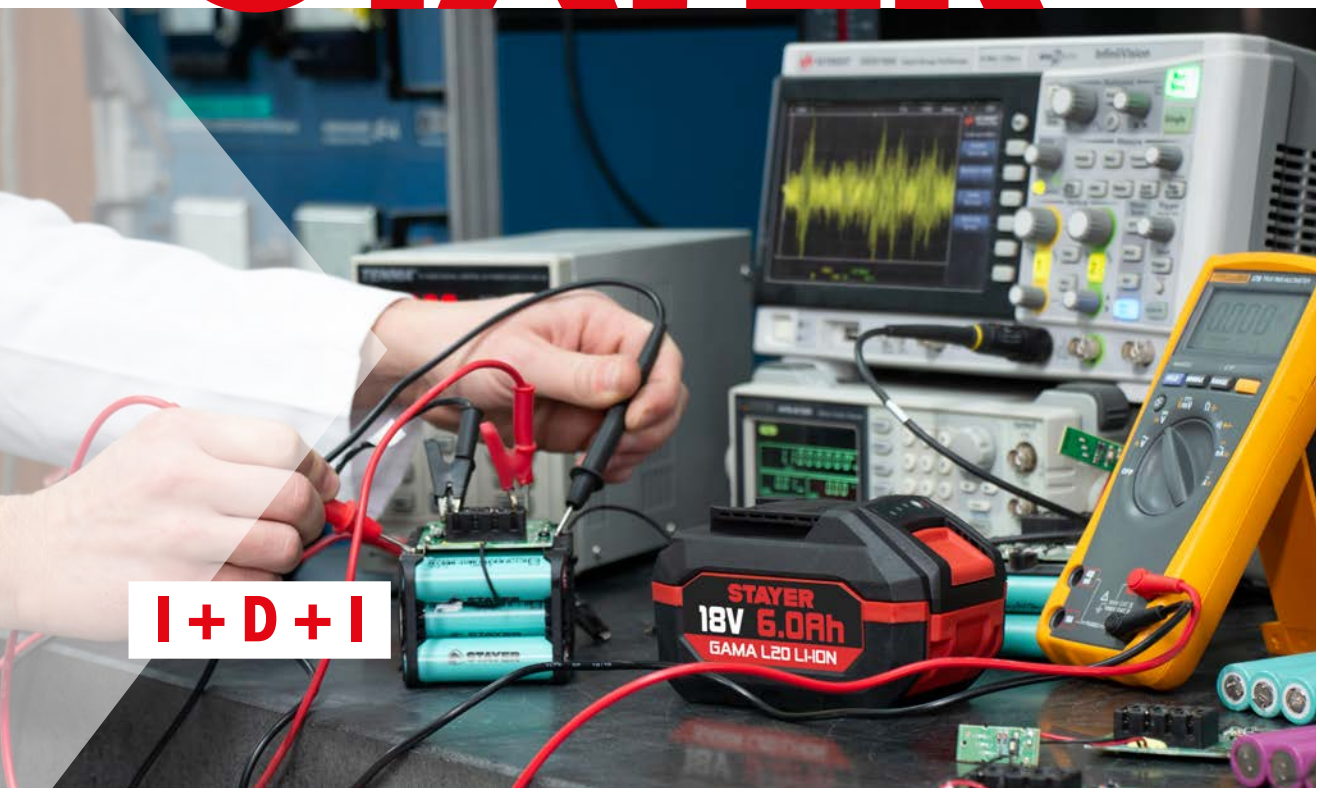
BEST QUALITY
PREMIUM PRODUCT
100% GUARANTEED

All our prototypes, prior to their commercialization, are subjected by our technical staff to a period of testing and experimentation in our Electronics Laboratory and Mechanics Laboratory, in which the most demanding pertinent power and resistance tests are carried out, load tests, electromagnetic pollution, etc... necessary, until reaching the highest quality standards that allow us to start production

STAYER establishes programmed quality controls at four points:

1. Selection of components.
2. Assembly.
3. Random test of each production.
4. Benchmarking, which our R&D department develops throughout the life of the product for its continuous improvement and updating.

STAYER



TECHNICAL OFFICE,

Specialist team: Composed by engineers, electronic and mechanic technicians.

COMPANY KNOW-HOW

Collaboration agreements with the most prestigious laboratories and certification bodies, for the development and improvement of products: SGS, Dekra, UPM, Nebrija, Carlos III, TÜV.

TÜV MANAGEMENT SERVICE ISO 9001

SGS

DEKRA

POLITÉCNICA

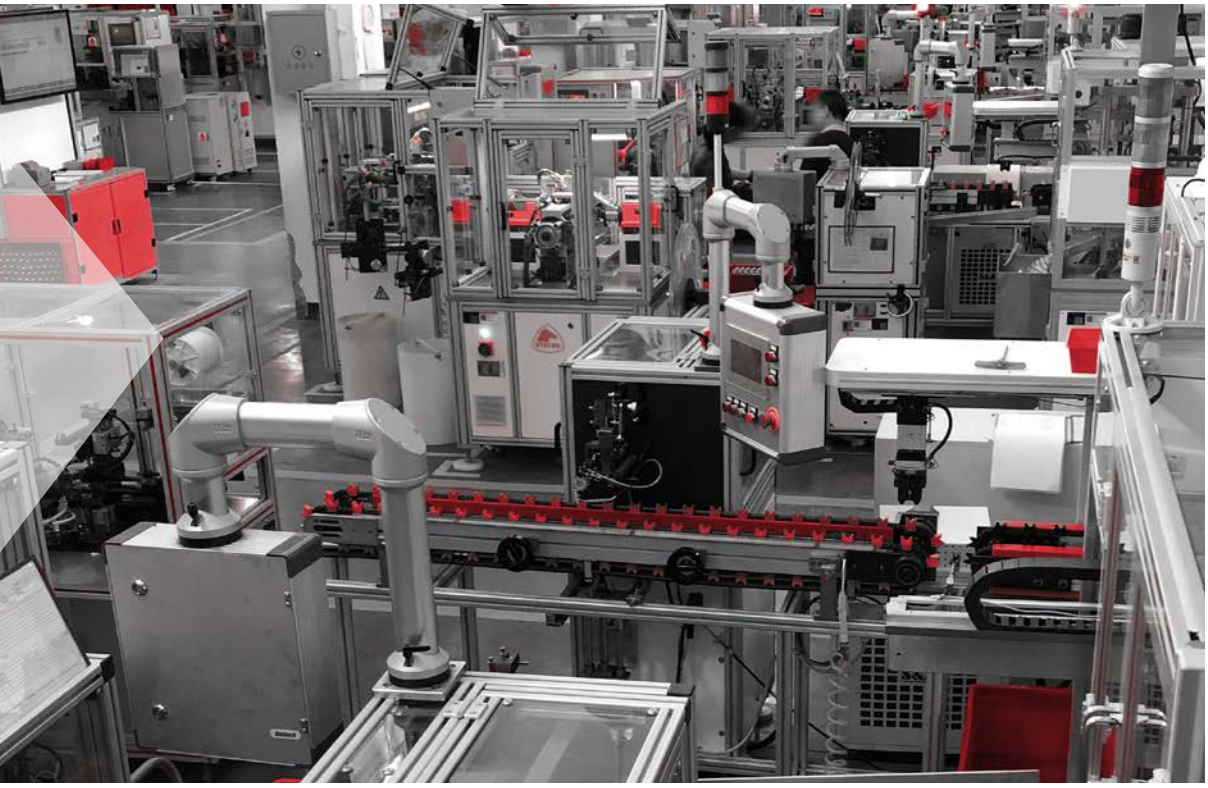
UNIVERSIDAD NEBRIJA

PRODUCTION

WE ARE SPANISH MANUFACTURERS,

with operating centers in Spain, Portugal, and Asia, in addition to collaborating with international manufacturers, in the development of new products.

We participate in the management of two factories located in Asia, and we collaborate with international producers



STAYER

INVERTER // WELDING

1. Development in recent years of small-sized inverter equipment (<2 kg) and professional features, with 100% duty cycle. All this has caused an evolution in the sector that has been very well accepted by professionals.
2. Design of PCB boards, external manufacturing following the guidelines of our R&D department.
3. Assembly of the logic board and verification and graduation of all the equipment in Madrid.
4. Test of 2% of the tested equipment and professional welders in the test area.
5. Level of incidence less than 1% in all welding equipment.

IN OUR LABORATORY we have an assembly line, in which our specialized technicians review and adjust each piece of every equipment.

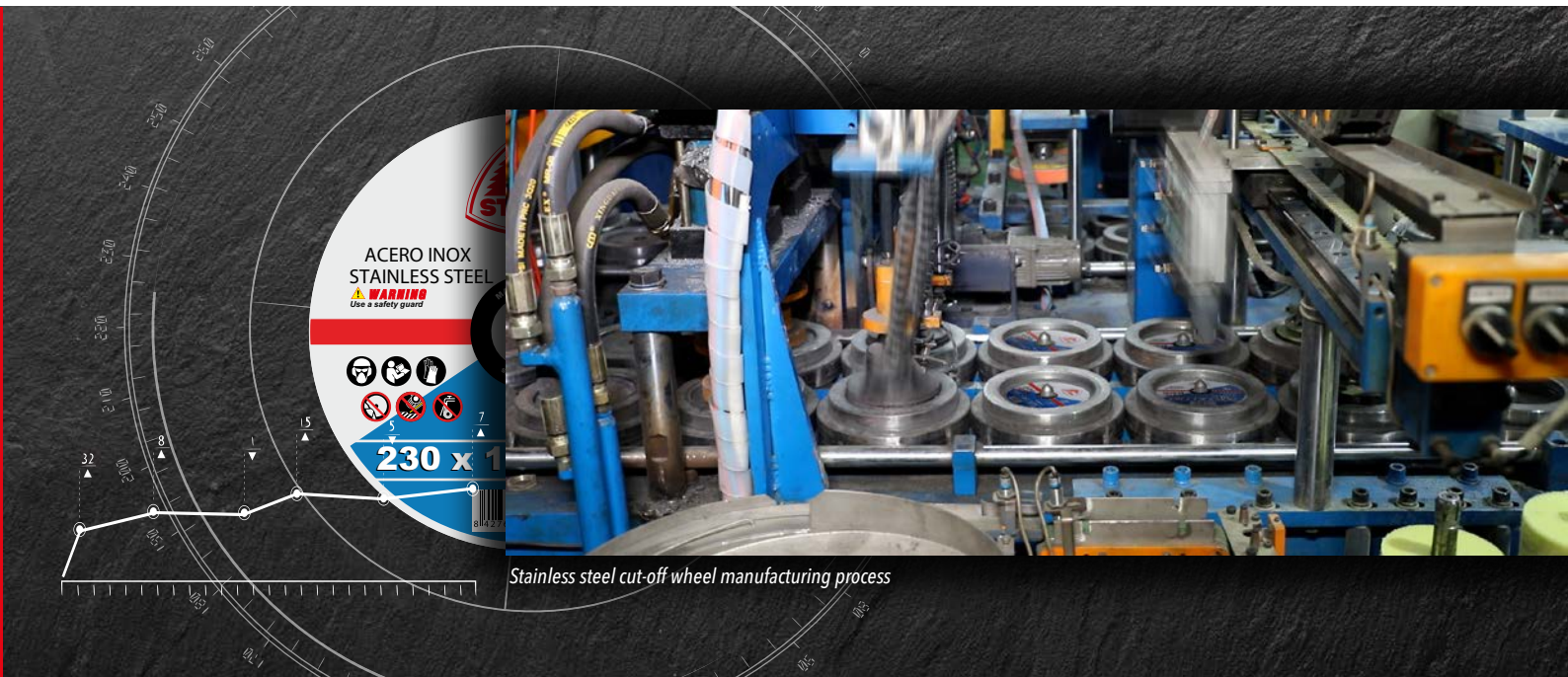
We program our own software developed in Spain and exclusive for our welding equipment, installed on our 32-bit microprocessor.

Specialized engineers oversee improving, updating, testing, and verifying that each component, equipment, and prototype meets the highest quality standards

ABRASIVE DISCS

STAYER GROUP participates in the ownership and management of an abrasive disc factory in Asia, and we are partners of European factories.

Continuous and standardized tests of performance and quality of STAYER discs and those of the competition, which allow us to guarantee the best levels of performance of our discs.

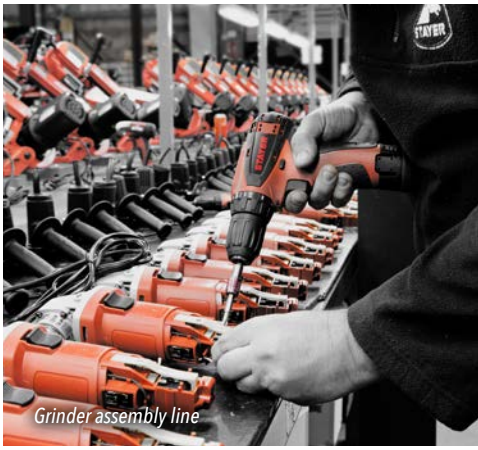


Stainless steel cut-off wheel manufacturing process

PRODUCTION, ASSEMBLY and PACKAGING

Miter saw assembly line

STAYER



Grinder assembly line

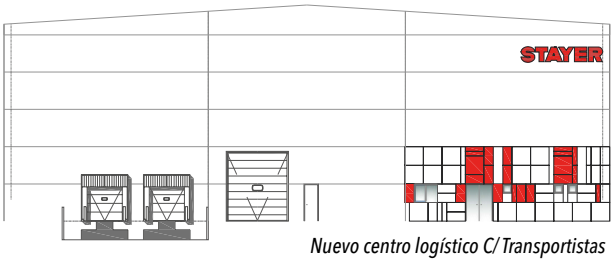
IN CLOSE COLLABORATION, STAYER's Production, Assembly and Packaging departments develop our products always using the highest quality mechanical and electronic components.

Our R&D department, after designing and testing the quality of the components to be used, given the green light to the production and assembly of all our models, which through prior quality control are packaged using the most innovative systems of packaging always ensuring the reliability of the product packaging.

All our Production, Assembly and Packaging lines are tested and ergonomically adapted to each job, thus ensuring their perfect adaptation to safety at work and personal care of our employees.

FACTORY OF DIAMOND DISCS

Segment pressing line



Nuevo centro logístico C/ Transportistas

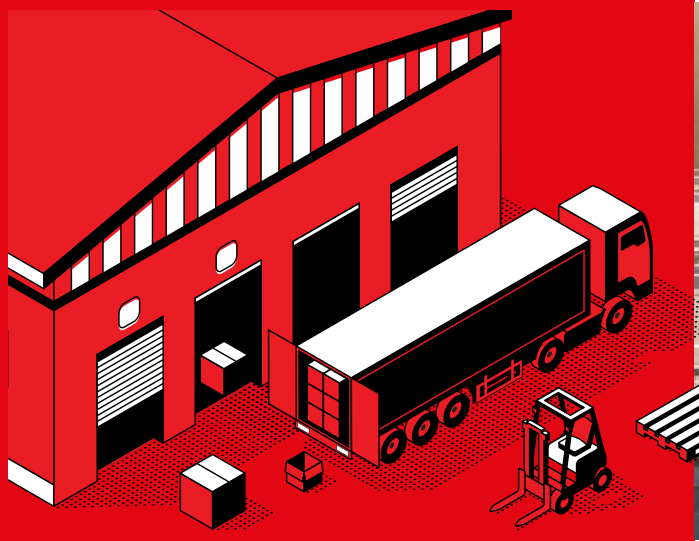
- **3** logistics centers in Spain
- Capacity for **12.500 pallets**
- **7** automated **10m** high Intelligent Warehouses
- Manage more than **28.000** pieces (to provide speed of service) and ensure ensure immediate availability.

PLUS CODES:

7873+P2 Pinto
67WC+QP Pinto
7896+PG Pinto

Logistics Center C/ Ronda

STAYER



LOGISTICS

Logistics center C/ Sierra de Cazorla

OUR MAIN OPERATING CENTER

is integrated with a warehouse, laboratory, and factory. In addition, the entire process from order preparation to picking is automated.

Our ERP, is integrated with the WMS of clients, Online platforms and with the systems of order automation: EDI...

SUSTAINABILITY

DIGITALIZATION

of the departments: Reducing the use of paper, increasing the use of brochures and digital catalogues.

RENEWABLE ENERGIES:

Solar panels that generate 250 kW.

PACKAGING OPTIMIZATION

Reducing the use of cardboard, adjusting the sizes to the maximum.

PLASTIC

We have eliminated or reduced as much as possible the use of non-reusable or non-recycled plastic in our packaging.

LONGER LIFE FOR TOOLS

As we improve our products, we reduce the generation and treatment of waste.

LESS POLLUTION:

We're ditching our range of petrol-powered garden tools for more sustainable battery-powered solutions

WASTE MANAGEMENT

RECYCLIA: CCollection of electrical and electronic waste (WEEE'S) and batteries and accumulators.

ECOEMBES: Collection of cardboard, plastic containers.

SAFETYKLEEN: Chemical.

RECYCLAUTO: Waste from the Diamond discs factory.

STAYER

WELDING

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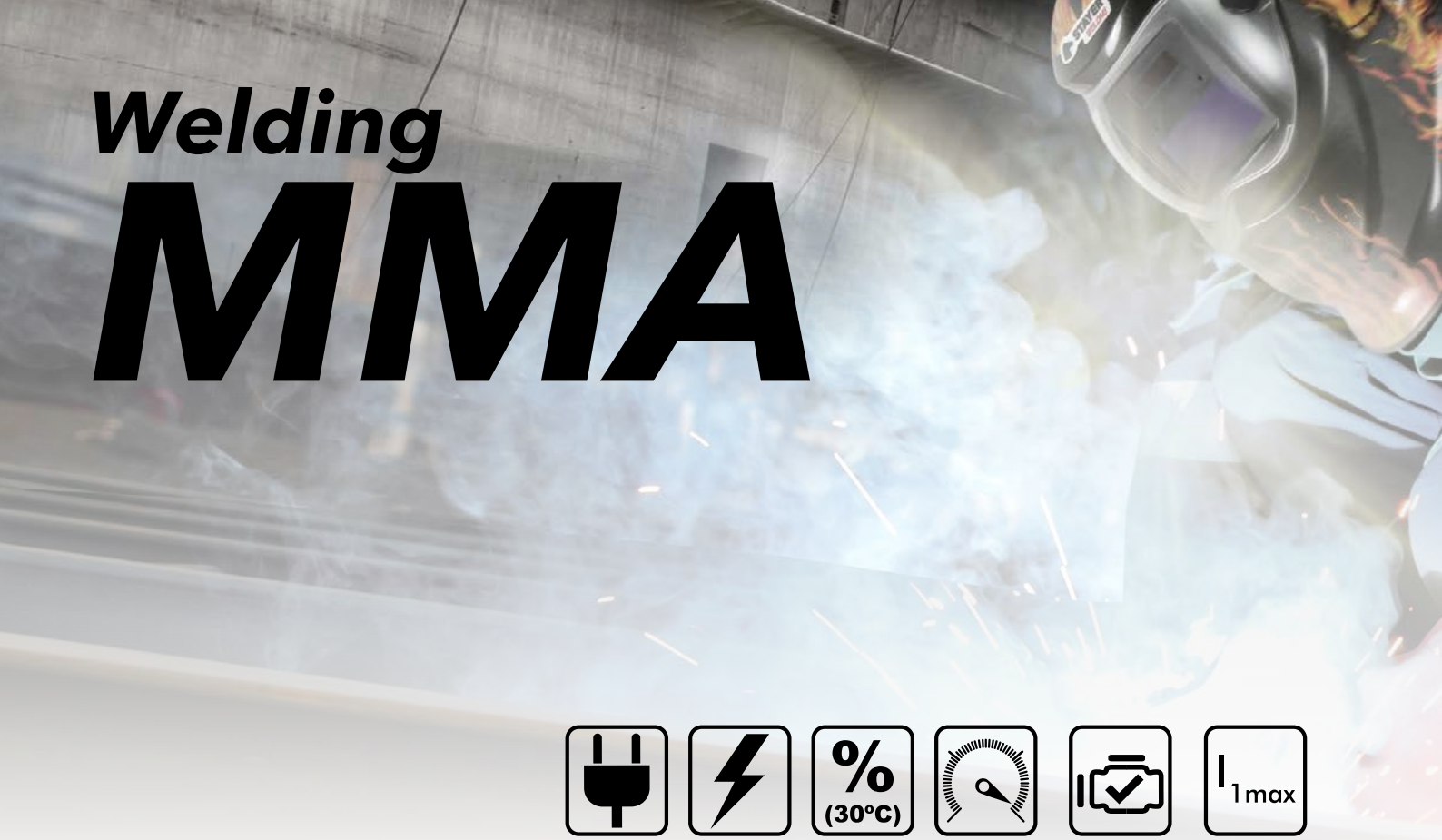

Welding MMA

Model	Code	Input 50 / 60 Hz Phases	Voltage (V)	Duty Cycle STAYER 30ºC (%)	Maximum current (A)	Generator Recommended (KVA) AVR*	Maximum input consumption (A) I_{1max}
MINIPRO 100	1.2681	1	230	25	100	4	20.4
CITYWORK 1250 GEK	1.2615	1	230	100	125	5	23.6
CITYWORK 160 GEK	1.2041	1	230	100	160	7	29
SUPERPLUS 120 GEK	1.2376	1	230	100	120	5	23.4
SUPERPLUS 140 GEK	1.2470	1	230	100	140	7	25.1
SUPERPLUS 160 GEK	1.2381	1	230	100	160	7	29
SUPERPLUS 200 GE	1.2382	1	230	45	200	8	39.2
POTENZA 160 B	1.2616	1	230	100	160	7	29
POTENZA 200 GE	2.287	1	230	60	200	8	33
POTENZA 200 CEL GE	2.302	1	230	60	200	8	33
PROGRESS 1200 GEK	1.2455	1	230	100	125	5	23.4
PROGRESS 1200 PFC	1.2455	1	230	100	125	3.6	23.4
PROGRESS 1600 GEK	1.2570	1	230	100	160	7	29
PROGRESS 1600 PFC	1.2570	1	230	100	160	5.8	29
PROGRESS 2021 GEK	1.2668	1	230	100	200	8	39.2
PROGRESS 2021 PFC	1.2668	1	230	100	200	7.1	39.2
PROGRESS 200 PULSED	1.2403	1	230	100	200	8	37
PROGRESS 1700 PFC	1.1542	1	110 / 230	100	170	5.8	35 / 22
PROGRESS 2100 PFC	1.1363	1	110 / 230	100	210	7.2	44 / 28.2
S 250 DV	1.1749	1	230/400	60	200 / 250	10	47 / 33
S 400 T	1.1750	3	400	60	400	20	29
CITYWORK 140 LV	1.2259	1	110	100	140	7	43
CITYWORK 180 DV	1.2260	1	110 / 230	100 / 60	120 / 180	7	35.5 / 30.5
POTENZA 200 BIVoltage	2.318	1	110 / 230	100 / 60	160 / 210	7	58 / 38

* Recommended values using Generators AVR (Automatic Voltage Regulator).
Minimum values recommended obtained using the welding equipment at minimum performance in a controlled enviroment under specific conditions.
For an optimum tool usage we advise using an AVR generator capable of providing maximum intake KVA for the tool.

Ru	Bas	Cel	Al	TIG		POWER FACTOR PFC CORRECTOR	SINÉRGICO	VOLTAGE REDUCTION VRD DEVICE	

Rutile	Basic	Cellulosic	Aluminum	TIG Lift Arc	Máx Ø Electrode	PFC	Synergic	VRD	Micro-processor STAYER
✓	X	X	X	X	2.5	X	X	X	X
✓	✓	X	X	X	3.2	X	X	X	✓
✓	✓	X	X	X	4.0	X	X	X	✓
✓	✓	X	X	X	3.2	X	X	X	✓
✓	✓	X	X	X	4.0	X	X	X	✓
✓	✓	X	X	X	4.0	X	X	X	✓
✓	✓	X	X	X	5.0	X	X	X	✓
✓	✓	X	X	X	4.0	X	X	X	✓
✓	✓	X	X	✓	5.0	X	X	X	✓
✓	✓	✓	X	✓	5.0	X	X	X	✓
✓	✓	X	X	X	3.2	X	X	X	✓
✓	✓	X	X	X	3.2	X	X	X	✓
✓	✓	✓	X	✓	4.0	X	✓	✓	✓
✓	✓	✓	X	✓	4.0	X	✓	✓	✓
✓	✓	✓	✓	✓	5.0	X	✓	✓	✓
✓	✓	✓	✓	✓	5.0	X	✓	✓	✓
✓	✓	✓	✓	✓	5.0	X	✓	✓	✓
✓	✓	✓	✓	✓	5.0	✓	X	✓	✓
✓	✓	✓	✓	✓	6.0	✓	X	✓	✓
✓	✓	✓	✓	✓	6.0	X	X	X	X
✓	✓	✓	✓	✓	8.0	X	X	X	X
✓	✓	X	X	X	4.0	X	X	X	✓
✓	✓	X	X	X	5.0	X	X	X	✓
✓	✓	X	X	✓	5.0	X	X	X	✓

PROTECTION INVERTER

OVERCONTROL V2

Cod. 1.1494

Rated Voltage	230 50Hz - 400 Hz	V
Rated Amperage	16A RSM over Rated Voltage	A
Max. Amperage	40A RSM over Rated Voltage	A
Adjustable Protection	LO140-240V / HI240V-400V	V
Fixed Protection	<300V, 50Hz - 400Hz	V
Power intake	50	W
Efficiency	99,98	%
Protection	IP20	
Display Precission	±4	%
Size	11.3 x 12 x 14	cm
Power cable	2.1m / 3 x 25 mm²	
Weight	1.6	kg

- **2 POLES:** Total disconnection, phase and neutral
- **LIMITS:** Adjustable limits UP & DOWNS
- **NO RELAYS:** No mechanical contact

VOLTAGE PROTECTION FOR Welding equipments

The vast majority of welding equipment on the market has a thin +/-10% protection margin of voltage rises and downs.
The majority of standard welding equipment has a low protection against peaks and voltage transients.

INVERTER with OVERCONTROL

1.Against peaks of voltage rise and falls due to the overcontrol interposition between power and the equipment.
2.The equipment is disconnected until its power input is safe again, after a 2-second security period for stability.

INVERTER MMA 100A

MINIPRO 100

Cod. 1.2681

Output Power	100	A
Voltage	230	V
Duty Cycle	25	%
Electrodes	1.6 - 2.5	mm
Generator use	4 KVA / 230V ±17%	
Size	25 x 18 x 11	cm
Weight	2.5	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	1.2	m
Cable + Earth clamp	1.5m - 12 mm²	
Cable + Electrode clamp	1.5m - 12 mm²	
Hammer / Brush	✔	

Small & lightweight inverter welding equipment for coated electrodes, able to reach up to 100 Amperes.

- For coated electrodes up to **ø2,5mm**.
- Optimal performance with **Rutile electrodes**.
- Robust: metal structure, heat protection

Ru

GAMA CITYWORK - INVERTER MMA

CITYWORK 1250 GEK
Cod. 1.2615

CITYWORK 160 B GEK
Cod. 1.3234

CITYWORK 1600 GEKI
Cod. 1.2676

HIGH PERFORMANCE EQUIPMENT WITH REDUCED DIMENSIONS

	CITYWORK 1250 GEK		CITYWORK 160 B GEK		CITYWORK1600GEKI	
Output Power	125	A	160	A	160	A
Voltage	230	V	230	V	230	V
Duty Cycle (30ºC)	100	%	100	%	100	%
Electrodes	1.6 - 3.2	mm	1.6 - 4	mm	1.6-4	mm
Generator use	5 KVA / 230V ±17%		7 KVA / 230V ±17%		9 KVA / 230V ±17%	
Size	23 x 15.5 x 9	cm	25 x 15 x 10	cm	25x15x9	cm
Weight	2.5	kg	2.7	kg	2.7	kg
DINSE Connector	3/8" (10 - 25)	ø	3/8" (10 - 25)	ø	3/8" (10 - 25)	ø
Power cable	2m x 1.5 mm²		1.8m x 1.5 mm²		2m x 1.5 mm²	
Cable + Earth clamp	1.5m - 10 mm²		1.5m - 16 mm²		1.5m - 16 mm²	
Cable + Electrode clamp	2.5m - 10 mm²		2.5m - 16 mm²		2.5m - 16 mm²	
Hammer / Brush	✓		✓		✓	
Carry Case	✓		✓		✓	
Mask	✓		x		x	

Inverter equipments 100% Duty Cycle at 30ºC, Reduced dimensions & high performance.
- Microprocessor STM 32 F103 with 32 bits high speed response, real time operative system due to the exclusive STAYER software.
- Suitable for the following electrodes: **Rutile, Basic, inox, & cast**.
- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design.

SUPER PLUS LINE - INVERTER MMA

SUPER PLUS 120 GEK

Cod. 1.2376

SUPER PLUS 140 GEK

Cod. 1.2470

SUPER PLUS 160 GEK

Cod. 1.2381

HIGH PERFORMANCE EQUIPMENT WITH REDUCED DIMENSIONS

EXCLUSIVE STAYER SOFTWARE 32 Bits RTOS MICROPROCESSOR

	SUPER PLUS 120 GEK		SUPER PLUS 140 GEK		SUPER PLUS 160 GEK	
Output Power	120	A	140	A	160	A
Voltage	230	V	230	V	230	V
Duty Cycle (30ºC)	100	%	100	%	100	%
Electrodes	1.6 - 3.2	mm	1.6 - 4	mm	1.6 - 4	mm
Generator use	5 KVA / 230V ±17%		7 KVA / 230V ±17%		7 KVA / 230V ±17%	
Size	23 x 15.5 x 9	cm	24 x 15.5 x 9	cm	25 x 15.5 x 9	cm
Weight	2.5	kg	3	kg	3.3	kg
DINSE Connector	3/8" (10 - 25)	ø	3/8" (10 - 25)	ø	3/8" (10 - 25)	ø
Power cable	2m x 1.5 mm²		2m x 1.5 mm²		2m x 2.5 mm²	
Cable + Earth clamp	1.5m - 10 mm²		1.5m - 10 mm²		1.5m - 16 mm²	
Cable + Electrode clamp	2.5m - 10 mm²		2.5m - 10 mm²		2.5m - 16 mm²	
Hammer / Brush	✔		✔		✔	
Carry Case	✔		✔		✔	

STAYER most sold inverter welding equipment. Professional duty cycle with reduced size. Latest generation microprocessor updated in 2021, providing stability & and precission for coated electrode welding.

- High quality components, reinforced ventilation, & exclusive STAYER software for best perfromance.
- Last generation IGBTs, oversized condensers & enhaced heat dissipation to reach maximum performance with reduced dimensions.
- Compact & tough design, reinforced structure protected against hits.
- Suitable for the following electrodes: **Rutile, Basic, inox & cast**.
- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design.

CARRY CASE HD-PE INCLUDED | Ru | Bas | ANTI STICK | ARC FORCE | HOT START

SUPER PLUS LINE - INVERTER MMA - 200A

SUPER PLUS 200 GE K

Cod. 1.2382

Output Power	200	A
Voltage	230	V
Duty Cycle (30ºC)	45	%
Electrodes	1.6 - 5	mm
Generator use	9 KVA / 230V ±17%	
Size	30 x 20 x 13	cm
Weight	4.8	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²	
Cable + Earth clamp	1.5m - 25 mm²	
Cable + Electrode clamp	2.5m - 25 mm²	
Hammer / Brush	✔	

HIGH PERFORMANCE EQUIPMENT

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POTENZA LINE - INVERTER MMA - 160A

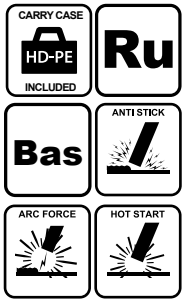
ROBUST & HIGH PERFORMANCE EQUIPMENT

POTENZA 160 B GEK

WITH STANDARD DIMENSIONS

Cod. 1.2616

Output Power	160	A
Voltage	230	V
Duty Cycle (30ºC)	100	%
Electrodes	1.6 - 4	mm
Generator use	7 KVA / 230V ±17%	
Size	28.5 x 20 x 12.5	cm
Weight	2.4	kg
DINSE Connector	3/8" (10 - 25)	ø
Power cable	2m x 2.5 mm²	
Cable + Earth clamp	1.5m - 16 mm²	
Cable + Electrode clamp	2.5m - 16 mm²	
Hammer / Brush	✔	
Carry Case	✔	



160 Amperes welding equipment with reinforced structure, for coated electrodes.
- 100% duty cycle at 30ºC.
- Protected against temperature and voltage variations.
- Suitable for 4mm electrodes.
- Microprocessor 32 bits, including STAYER intelligent control software.
- Compact & **robust**, reinforced structure protected against hits with external protectors.
- Easy to use, with Hot Start **(easy ar**c ignition), arc force (for **a stable** arc) & anti stick (to avoid stuck ele**ctrodes)**.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design.

POTENZA LINE - INVERTER MMA

ROBUST & HIGH-PERFORMANCE EQUIPMENT WITH STANDARD DIMENSIONS & CLASSIC CONTROLS

POTENZA 200 GE

Cod. 2.287

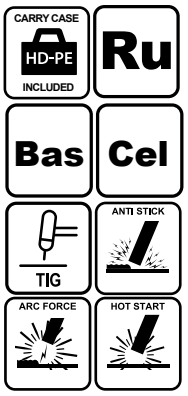
POTENZA 200 GEK

Cod. 2.316

POTENZA 200 CEL GEK

Cod. 2.302

	POTENZA 200 GE		POTENZA 200 CEL GEK	
Output Power	200	A	200	A
Voltage	230	V	230	V
Duty Cycle (30ºC)	60	%	60	%
Electrodes	1.6 - 5	mm	1.6 - 5	mm
Generator use	9 KVA / 230V ±17%		9 KVA / 230V ±17%	
Size	42 x 30 x 14	cm	42 x 30 x 14	cm
Weight	6	kg	6	kg
DINSE Connector	1/2" (35 - 50)	ø	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²		2m x 2.5 mm²	
Cable + Earth clamp	2m x 25 mm²		2m x 25 mm²	
Cable + Electrode clamp	3m x 25 mm²		3m x 25 mm²	
Hammer / Brush			✔	
Carry Case			✔	



200 Amperes high performance Inverter equipments, with quality components that guarantee maximum robustness & welding precission.
- 60% duty cycle.
- Protected against temperature and voltage variations.
- Suitable for 5mm electrodes. Suitable for the following electrodes: **Rutile, Basic, Cellulosic, inox, high performance & cast.**
- Microprocessor 32 bits, including STAYER intelligent control software.
- Grreat response times due to last generation IGBTs & updated software.
- DINSE ½" connectors for maximum power output
- Easy to use, with Hot Start (easy arc ignition), arc force (for a stable arc) & anti stick (to avoid stuck electrodes).
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- **Potenza 200 CEL GE**, has an outstanding perfromance with **Cellulosic electrodes**. Including **TIG Lift Arc**.

PROGRESS LINE - INVERTER MMA -125A

PROGRESS 1200 GEK

Cod. 1.2719

HIGH PERFORMANCE EQUIPMENT

WITH REDUCED DIMENSIONS

	PROGRESS 1200 GEK	
Output Power	120	A
Voltage	230	V
Duty Cycle (30ºC)	100	%
Electrodes	1.6 - 3.2	mm
Generator use	5 KVA / 230V ±17%	
Size	20 x 12 x 9	cm
Weight	2	kg
DINSE Connector	3/8" (10 - 25)	ø
Power cable	1.8m x 1.5 mm²	
Cable + Earth clamp	1.5m - 10 mm²	
Cable + Electrode clamp	2.5m - 10 mm²	
Hammer / Brush	✔	
Carry Case	✔	

125 Amperes compact welding equipment, small size with 100% Duty Cycle.

- Microprocessor STM 32 F103 **32 bits** with high speed, real time operative system due to exclusive STAYER software**.**
- Protected against temperature and voltage variations
- Suitable for 3,2mm electrodes: **Rutile, Basic, inox, cast & high performance.**
- Easy to use, with Hot Start (easy arc ignition), arc force (for a stable arc) & anti stick (to avoid stuck electrodes).
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design.

PROGRESS LINE - INVERTER MMA -160A

PROGRESS 1600 GEK

Cod. 1.2570

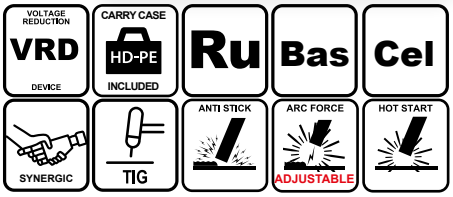
OPTIMAL PERFORMANCE WITH DIFFERENT ELECTRODES TYPES

DIAMETER AND ARC FORCE SETTINGS

	PROGRESS 1600 GEK	
Output Power	160	A
Voltage	230	V
Duty Cycle (30ºC)	100	%
Electrodes	1.6 - 4.0	mm
Generator use	7 KVA / 230V ±17%	
Size	31 x 17.5 x 10	cm
Weight	3.2	kg
DINSE Connector	3/8" (10 - 25)	ø
Power cable	2.5m x 2.5 mm²	
Cable + Earth clamp	1.5m - 16 mm²	
Cable + Electrode clamp	2.5m - 16 mm²	
Hammer / Brush	✔	
Carry Case	✔	

Superior welding equipment with 160 Amperes, with synergic electronic settings for all kind of electrodes & configurable for TIG Lift Arc with no contact.

- **Synergic settings** for electrodes up to 4mm.
- Last generation IGBTs, enhaced silent heat dissipation to reach maximum performance.
- Adjustable **VRD**, Voltage Reduction Device to m**ain**tain safety on the group connectors according to IEC 60974, reducing voltage in damp and saline enviroments.
- Incremental **Arc Force** regulation for all types of coated electrodes.
- Control panel managed by STAYER software, with synergic amp regulation based on electrode diameter, configurable **Arc Force**, **VRD** for safe welding & **TIG Lift Arc** mode.
- Easy to use, with Hot Start (easy arc ignition) & anti stick (to avoid stuck electrodes) coded with STAYER software.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.



PROGRESS LINE - INVERTER MMA -200A

PROGRESS 2021 GEK

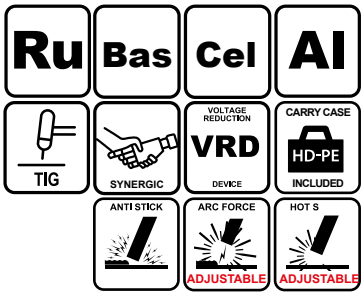
Cod. 1.2668

Output Power	200	A
Voltage	230	V
Duty Cycle (30ºC)	60	%
Electrodes	1.6 - 5.0	mm
Generator use	7 - 9 KVA / 230V ±17%	
Size	34.5 x 24 x 14	cm
Weight	5	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²	
Cable + Earth clamp	1.5m - 25 mm²	
Cable + Electrode clamp	2.5m - 25 mm²	
Hammer / Brush	✔	
Carry Case	✔	

OPTIMAL PERFORMANCE WITH ALL TYPES OF ELECTRODES

SPECIALLY DESIGNED FOR ALUMINUM & CELLULOSIC DIFFICULT WELDING

ELECTRODE DIAMETER & ARC FORCE REGULATION



200 Amperes superior welding equipment, with electronic synergic settings for all kind of electrodes, specially aluminum & TIG Lift Arc with intelligent settings.

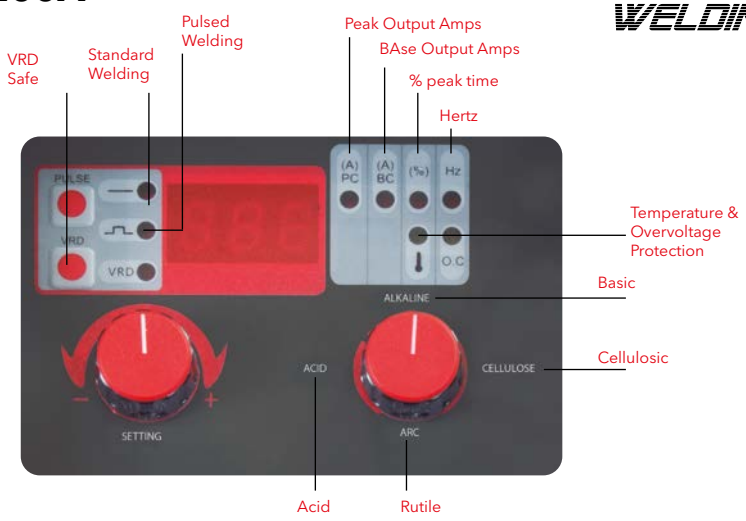
- **Synergic configuration** based on electrode diameter up to 5mm. **Suitable for all kind of electrodes.**
- Last generation components, max quality IGBTs & internal enhaced design with improved silent cooling.
- **4 diode bridges**, for greater stability and power.
- Control panel managed by STAYER software, with synergic amp regulation based on electrode diameter, configurable Arc Force & Hot Start, VRD for safe welding & TIG Lift Arc mode.
- **Synergic TIG PRO** intelligent mode, connecting a TIG torch the group is set to **TIG Lift Arc** with clean quality arcing.
- Special for **Aluminum electrodes**.
- Adjustable VRD, Voltage Reduction Device to maintain safety on the group connectors according to IEC 60974, reducing voltage in damp and saline enviroments.
- Incremental Arc Force & Hot Start regulation for all types of coated electrodes.
- Intelligent Anti Stick programmed with STAYER software.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.

PROGRESS LINE - INVERTER MMA -200A

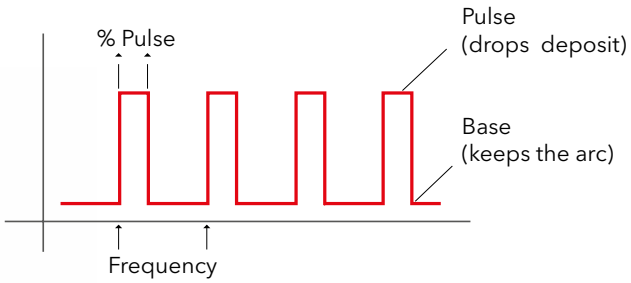
PROGRESS 200 PULSED GE

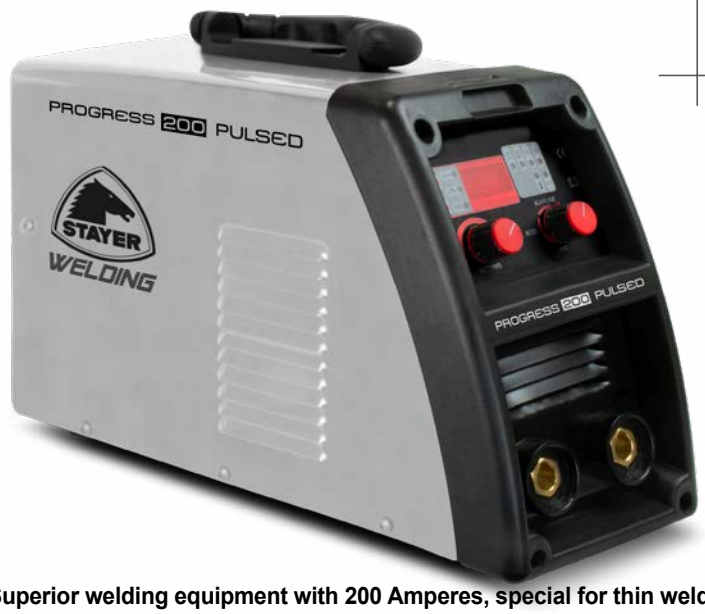
Cod. 1.2403

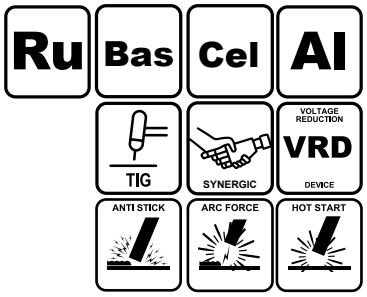
Output Power	200	A
Voltage	230	V
Duty Cycle	100	%
Electrodes	1.6 - 5.0	mm
Generator use	7 - 9 KVA / 230V ±17%	
Size	40 x 27.5 x 15.5	cm
Weight	6	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	3m x 3.0 mm²	
Cable + Earth clamp	2m - 25 mm²	
Cable + Electrode clamp	3m - 25 mm²	
Hammer / Brush	✔	



OPTIMAL PERFORMANCE ON THIN SHEETS AND VERTICAL POSITION
REPROGRAMMABLE FOR ALL ELECTRODE TYPES







Superior welding equipment with 200 Amperes, special for thin welding & different welding positions due to the pulsed mode.

- **Use with all kind of electrodes, including aluminum.**
- Suitable for any kind of maintenance, construction and steel structures fields work.
- Professional advanced settings with **2 Features**:
  - **Pulsed welding**: Allows thin thickness in requested positions such as vertically, above heads and tubes (all ASME 3G, 4G and 5G). This is possible to the pulsed arc system where a base-current is used to keep the arc stability. Also, a peak current for metal droplets deposition. Depending on each work, the base, current peak, percentage of time of every phase and the operating frequency are adjusted.
  - **Electrode settings** grants the best perfromance on **Rutile, Basic, Cellulosic, aluminum, inox, cast, high performance, etc.**
- **Synergic TIG PRO** intelligent mode, connecting a TIG torch the group is set to TIG Lift Arc with clean quality arcing.
- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- Reinforced internal structure for a robust group
- Microprocessor 32 bits, Oversized ON-OFF switch 63 A; fast IGBTs with heat dissipation, **Soft Start relay.**
- Adjustable VRD, Voltage Reduction Device to maintain safety on the group connectors according to IEC 60974, reducing voltage in damp and saline enviroments.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.

PROGRESS PFC RANGE

PFC: POWER FACTOR CONTROL

The STAYER active pfc
Improves performance and saves money on electricity bills and money savings on electricity bills and breakdowns.

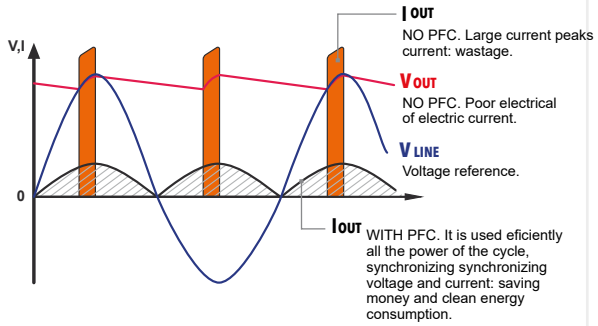
Real case: Study of annual energy savings in a 170-210 amp equipment (inverter equipment).
*Data from the Ministry of Industry year 2022 - 2006 / 42 / EC.

IN COMPARISON	SAVES OVER INVERTER USE
INDUSTRIAL USE	**680 euros/year**
MAINTENANCE USE	**204 euros/year**

Electricity price = 0.227 €/kWh*
Industrial use average = 4h/day - 5 days a week
Maintenance use average = 1,5h/day - 4 days a week

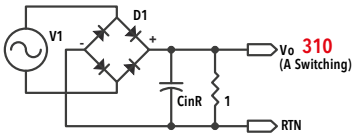
MULTI-VOLTAGE 85 - 265 V.
Energy saving up to 50%.
Allows long cables: 300m.
Allows smaller generators.

KEY CONCEPTS ABOUT STAYER'S ACTIVE PFC



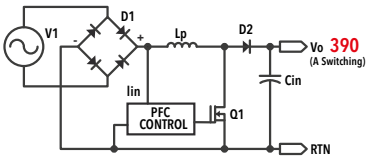
SINGLE-VOLTAGE 230V COSφ < 0.65

WITHOUT PFC



MULTIVOLTAGE 85V-265V COSφ > 0.99

WITH PFC STAYER



FEATURES

- Multi-voltage inverter equipment (85-265Vac) with low power consumption thanks to the PFC module and advanced technology.
- PFC, Power Factor Correction for optimal use of current, greatly increasing electrical savings.
- Wide input range to be able to work in 110V and 230V networks, in addition to withstand voltage drops and surges, being suitable for use with generator.
- Connectable to long extension cables: 250mts - 4mm² section / 500mts - 6,0mm² section.

ADVANTAGES

WITH STAYER ACTIVE PFC

- Big money saving: 99% efficiency compared to 70-80% of other inverters.
- Uses any power supply: the machine works safely in overvoltage and undervoltage conditions, it works perfectly from 85 to 265 volts. Extended input voltage range.
- Environmentally friendly: the power supply line is kept clean of harmonics and related problems under the UNE-EN 61000-3-12:2012 standard.
- Adaptable and productive: the machine remains 100% safe, even with low quality generators and 500 meter long cables.
- Customer service quality: it can weld safely with 4mm electrodes with a consumption lower than 16 amperes, preventing the safety circuit breakers from tripping.

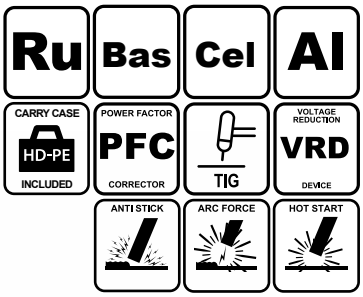
PROGRESS LINE PFC - INVERTER MMA - 100%

PROGRESS 1700 PFC (85 V - 265 V)

Cod. 1.1542

PROGRESS 2100 PFC (85 V - 265 V)

Cod. 1.1363



	PROGRESS 1700 PFC		PROGRESS 2100 PFC	
Output Power	170	A	210	A
Voltage	85 - 265	V	85 - 265	V
Duty Cycle	100	%	100	%
Electrodes	1.6 - 5	mm	1.6 - 6	mm
Generator use	5.8 KVA / 230V ±27%		7.2 KVA / 230V ±27%	
Size	38 x 24 x 13	cm	41 x 24 x 14.5	cm
Weight	6.4	kg	8.4	kg
DINSE Connector	1/2" (35 - 50)	ø	1/2" (35 - 50)	ø
Power cable	3m x 2.5 mm²		3m x 3.0 mm²	
Cable + Earth clamp	2m x 25 mm²		2m x 25 mm²	
Cable + Electrode clamp	2m x 25 mm²		2m x 25 mm²	
Hammer / Brush	✔		✔	

Inverter equipments multi voltage (85-265Vac) with low consumption due to PFC & advanced technology.
- PFC, Power Factor Corrector for an optimal use of the output power, drastically reducing electric consumption.
- High quality & efficient welding with all **types of Electrodes, included aluminum.**
- Great input range allows to work in **110V & 230V enviroments**, resisting over voltage & voltage drops, with an excellent performance with generators.
- Suitable for great length extenssion cables: 250mts - 4mm² / 500mts - 6,0mm².
- Settings for enhaced use with generator with the control panel.
- Adjustable VRD, Voltage Reduction Device to maintain safety on the group connectors according to IEC 60974, reducing voltage in damp and saline enviroments.
- **TIG** welding mode, for **TIG Lift Arc** with quality clean arcing.
- Automatic fan regulator, avoiding noise while increasing the group lifespan

MULTI-VOLTAGE 85 - 265 V
Energy savings up to 50%.
Allows long cables: 300m.
Allows smaller geerators.

INTELLIGENT SPEED CONTROL FAN

Silent and economical: Exclusive Smart fan system to save electricity costs, extend the life of the fan, prevent the entry of dirt and have a silent and comfortable welding. The fan only rotates when the machine needs it and at the minimum speed necessary.

INVERTER MMA DUAL - SINGLE & TRIPHASIC -250A/200A

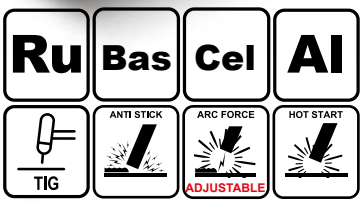
S 250 DV

Cod. 1.1749

Output Power	250 / 200	A
Voltage	400 / 230	V
Duty Cycle	60	%
Electrodes	1.6 - 6	mm
Generator use	5 - 10 KVA / 230V ±17%	
Size	48 x 39 x 23	cm
Weight	18	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	2m x 4 mm²	
Cable + Earth clamp	2m - 25 mm²	
Cable + Electrode clamp	2m - 25 mm²	

Industrial welding equipment for 230Vac & 400Vac. Suitable for every type of electrode with an outstanding welding performance.

- Up to **6mm electrodes, all kinds, including aluminum & Cellulosic**.
- Excellent **TIG**, **TIG Lift Arc** with quality clean arcing.
- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.



INVERTER MMA TRIPHASIC -400A

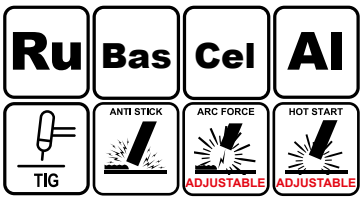
S 400 T

Cod. 1.1750

Output Power	400	A
Voltage	3 ph 400	V
Duty Cycle	60	%
Electrodes	1.6 - 8	mm
Generator use	8 - 20 KVA / 230V ±17%	
Size	48 x 37 x 23	cm
Weight	20	kg
DINSE Connector	1/2 (35 - 50)"	ø
Power cable	2m x 4 mm²	
Cable + Earth clamp	5m - 35 mm²	
Cable + Electrode clamp	5m - 35 mm²	

Industrial welding equipment for high demand & heavy duty enviroments. Suitable for every type of electrode with an outstanding welding performance

- Up to **8mm electrodes, all kinds, including aluminum & Cellulosic**.
- Professional settings for **Arc Force** as well as **Hot Start**.
- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- High quality: Double structure 100% metal for heavy duty work, wheels, and components made of steel.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.



INVERTER MMA - 110V & DUAL VOLTAGE

CITYWORK 140 LV GEK

Cod. 1.2259

CITYWORK 180 DV GEK

Cod. 1.2260

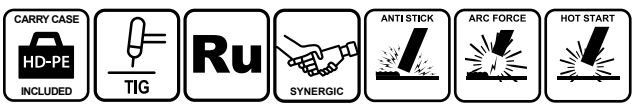
POTENZA 200 BIVoltage

Cod. 2.318

	CITYWORK 140 LV GEK		CITYWORK 180 DV GEK (BITENSION)		POTENZA BITENSION 200 GEK	
Output Power	140	A	120 / 180	A	160 / 210	A
Voltage	110	V	110 / 230	V	110 / 230	V
Duty Cycle	100	%	100 / 60	%	100 / 60	%
Electrodes	1.6 - 4.0	mm	3.2 - 5	mm	1.6 - 5.0	mm
Generator use	5 - 7 KVA / 230V ±17%		5 - 7 KVA / 230V ±17%		5 - 7 KVA / 230V ±17%	
Size	26 x 15 x 11	cm	27 x 15 x 11	cm	42 x 30 x 14	cm
Weight	2	kg	2.7	kg	5	kg
DINSE Connector	3/8" (10 - 25)	ø	3/8" (10 - 25)	ø	1/2" (35 - 50)	ø
Power cable	1.8m x 3 mm²		1.8m x 3 mm²		3m x 2.5 mm²	
Cable + Earth clamp	1.5m - 14 mm²		1.5m - 16 mm²		2m - 25 mm²	
Cable + Electrode clamp	2.5m - 14 mm²		1.5m - 16 mm²		2m - 25 mm²	
Hammer / Brush	✔		✔		✔	
Carry Case	✔		✔		✔	

Inverter equipments designed for 110V or alternate between 110V & 230V.

- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- **CITYWORK**: **Inverter equipments 100% Duty Cycle at 30ºC, Reduced dimensions & high performance.** Microprocessor STM 32 F103 with 32 bits with high speed, real time operative system due to exclusive STAYER software.
- **POTENZA**: Suitable for both **110V** and **230V** with automatic voltage change. With **TIG lift arc** feature.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design.



WELDING TIG

Model	POTENZA TIG 170 HF GEK	POTENZA TIG 170 HF GEK 2T / 4T	TIG DC 200 HFB P	TIG AC/DC 180 HF PS	TIG AC/DC 315 HF PS
Code	2.317	2.827	1.2886	1.2887	1.1366
Input 50 / 60 Hz Phases	1	1	1	1	3
Voltage (V)	230	230	230	230	400
Duty Cycle STAYER 30ºC (%)	60	60	60	60	60
Max. Current (A)	170	170	200	200	315
Max. intake (KVA)	7	7	9	9	12
Recommended Generator (AVR)*	7	7	9	9	12
Max. intake Input (A) L_{1max}	29.5	29.5	33	33	17
Polaridad	DC	DC	DC	AC/DC	AC/DC
Aluminum	X	X	X	✓	✓
Coated Electrodes (MMA)	✓	✓	✓	✓	✓
TIG HF (High Frequency no contact)	✓	✓	✓	✓	✓
TIG Pulsed	X	X	✓	✓	✓
Max Ø Electrode Tugnsten	3.25	3.25	3.25	3.25	4
Water cooling	X	X	X	X	✓
2T / 4T	X	✓	✓	✓	✓

* Recommended values using Generators AVR (Automatic Voltage Regulator).
Minimum values recommended obtained using the welding equipment at minimum performance in a controlled enviroment under specific conditions.

INVERTER TIG HF -170A

POTENZA TIG 170 HF GEK

Cod. 2.317

POTENZA TIG 170 HF GEK 2T/4T

Cod. 2.827

Output Power	170	170	A
Voltage	230	230	V
Duty Cycle	60	60	%
Coated electrodes	1.6 - 4	1.6 - 4	mm
Tungsten electrodes	3.25	3.25	mm
Generator use	7 KVA / 230V ±17%	7 KVA / 230V ±17%	
Size	46 x 27 x 14.5	46 x 27 x 14.5	cm
Weight	5	5	kg
DINSE Connector	1/2" (35 - 50)	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²	2m x 2.5 mm²	
Cable + Earth clamp	2m - 25 mm²	2m - 25 mm²	
Cable + Electrode clamp	3m - 25 mm²	3m - 25 mm²	
TIG Torch HF	4	4	m
Torch accessories	✔	✔	
Carry Case	✔	✔	

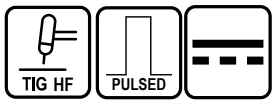
TIG welding equipment, for heavy duty carbon steel, stainless steel, titanium & alloy welding. Suitable for coated electrodes up to 170 Amperes.

- Highly productive **TIG**, high frequency arcing HF.
- Control Power & Argon post flow.
- Reinforced robust metal structure.
- Coated electrodes up to **4mm**
- Easy to use, with Hot Start (easy arc ignition), arc force (arc stabilization) & anti stick (prevents electrodes from sticking).
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.

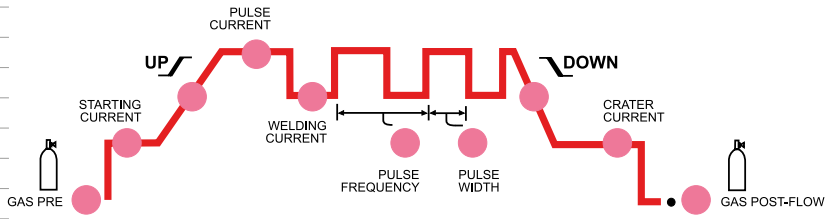
INVERTER TIG HF -200A

TIG DC 200 HF B P

Cod. 1.2886



Output Power	200	A
Voltage	230	V
Duty Cycle	60	%
Coated electrodes	1.6 - 6	mm
Tungsten electrodes	3.25	mm
Generator use	9 KVA / 230V ±17%	
Size	-	cm
Weight	11	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²	
Cable + Ground clamp	2m x 25 mm²	
Cable + Electrode clamp	2m x 25 mm²	
TIG Torch HF	4m x 16 mm²	
Torch accessories	✔	
Gas hose	✔	



TIG welding equipment, for heavy duty carbon steel, stainless steel, titanium & alloy welding. Suitable for coated electrodes up to 200 Amperes

- **Pulsed TIG welding** controlling the base output power, and active welding peaks. Duty cycle control & Argon post flow
- Highly productive **TIG**, high frequency arcing (HF).
- Reinforced robust metal structure
- Multi process TIG with High Frequency (HF), adjustable opening welding times, 2T/4T, TIG, Pulsed TIG & ramps control for all kind of materials, except for aluminum.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design
- Adjustable VRD, Voltage Reduction Device to maintain safety on the group connectors according to IEC 60974, reducing voltage in damp and saline enviroments.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.

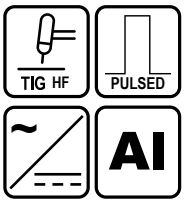
INVERTER TIG AC/DC PULSED - 200A

TIG AC/DC 180 HF PULSED

Cod. 1.2887

Output Power	200	A
Voltage	230	V
Duty Cycle	60	%
Coated electrodes	1.6 - 6	mm
Tungsten electrodes	3.25	mm
Generator use	9 KVA / 230V ±17%	
Size	-	cm
Weight	12	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²	
Cable + Earth clamp	2m - 25 mm²	
Cable + Electrode clamp	2m - 25 mm²	
TIG Torch HF	4m x 16 mm²	
Torch accessories	✔	
Gas hose	✔	

TIG welding equipment for professional use, 60% duty cycle up to 200 amperes, especially designed work on stainless steel, aluminum, alloys and all types of steels.
- Welding control options by means of intuitive panel managed by microprocessor with STAYER software.
- Professional HF-HV (High Frequency/High Voltage) 2T/4T priming functions, DC mode control, pulse mode control, AC mode control, ramp and gas control, gas flow and post flow control.
- Equipment designed and manufactured according to European regulations 2014/35/EU, 2014/30/EU and 2011/65/EU, which guarantee a solid construction and safety of use.
- Prepared for use with stabilized generator, given its voltage input range of +/-17%.



INVERTER TIG AC/DC PULSED - 315A

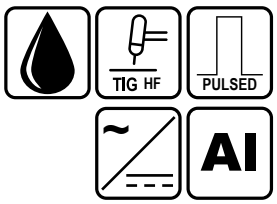
TIG AC/DC 315 HF P

Cod. 1.1366

Output Power	315	A
Voltage	3 PH x 400	V
Duty Cycle	60	%
Coated electrodes	1.6 - 6	mm
Tungsten electrodes	4	mm
Generator use	12 KVA / 230V ±17%	
Size	76 x 115 x 51.5	cm
Weight	71	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	3m x 4 mm²	
Cable + Earth clamp	3m - 35 mm²	
Cable + Electrode clamp	3m - 35 mm²	
TIG Torch HF	5m x 16 mm²	
Torch accessories	✔	

Professional TIG welding equipment, 60% duty cycle & 315 Amperes specially suited for inox, aluminum, alloys & all kind of steels. Water cooling, suitable for high temperature enviroments.

- Intuitive control panel managed by microprocessor with **software STAYER**.
- Professional settings of HF-**HV (High Frequency / High Voltage) 2T/4T, optiona**l DC contr**ol mode, pulse mode, AC control, ramp control & gas, flow & post flow. Spot welding with a**nd without repetition.
- **Water cooling** for heavy duty heated enviroments & aluminum welding up to 315 Amperes.
- **Optional:** Connector to enable a pedal to control Amps on professional TIG welds.
- **Double reactor** to generate Alternate Current **(AC)** to weld **aluminum** with precission.
- Reinforced robust metal structure, quality components, last generation EMI filter and double ventilation system.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design



WELDING MIG

Model	Code	Input 50 / 60 Hz Phases	Voltage (V)	Duty Cycle STAYER 30°C (%)	Max. Current (A)	Max. intake (KVA)	Max. intake Input (A) I_{1max}	Wire Feeding (Rollers)
MIG 131 MULTI	1.2682	1	230	30	120	5	23,4	2R
MIG 165 MULTI	1.2688	1	230	60	160	7	24.9	2R
MIG 200 MULTI	1.739	1	230	60	200	9	48.2	2R
MIG 250 CM	1.2606	1	230	60	250	12	45	4R
MIG 250 CT	1.2683	3	400	60	250	12	14	4R
MIG 350 BT	1.1509	3	400	60	350	15	25.5	4R
MIG 500 BT	1.1510	3	400	60	500	25	41.8	4R
MIG 200 DP	1.2678	1	230	60	200	10	21.5	2R
MIG 280 DP	1.2401	3	400	60	280	14	15	4R
MIG 350 DP	1.2679	3	400	60	350	15	25.5	4R

Model	MIG/MAG (gas)	FLUX CORE (no gas)	Coils (Kg)	Wire Thickness	Coated Electrode (MMA)	TIG Lift Arc	Synergic	Double Pulse	Water Cooling
MIG 131 MULTI	X	✓	1	0.9 | 1.0	3.2	✓	✓	X	X
MIG 165 MULTI	✓	✓	5	0.6 - 0.9 1.0 Flux	4.0	✓	✓	X	X
MIG 200 MULTI	✓	✓	15	0.8 - 1.0	5.0	✓	X	X	X
MIG 250 CM	✓	✓	15	0.6 - 1.0	6.0	✓	✓	X	X
MIG 250 CT	✓	✓	15	0.8 - 1.0	6.0	✓	✓	X	X
MIG 350 BT	✓	✓	15	0.8 - 1.2	8.0	✓	✓	X	X
MIG 500 BT	✓	✓	15	0.8 - 1.6	8.0	✓	✓	X	✓
MIG 200 DP	✓	✓	15	0.8 - 1.2	5.0	✓	✓	✓	X
MIG 280 DP	✓	Adaptable a Flux Core	15	0.8 - 1.6	6.0	✓	✓	✓	X
MIG 350 DP	✓	✓	15	0.8 - 1.6	8.0	✓	✓	✓	X

* Recommended values using Generators AVR (Automatic Voltage Regulator).
Minimum values recommended obtained using the welding equipment at minimum performance in a controlled enviroment under specific conditions.
For an optimum tool usage we advise using an AVR generator capable of providing maximum intake KVA for the tool.

FLUX CORE MIG - 120A

MIG 131 MULTI

Cod. 1.2682

Output Power	120	A
Voltage	230	V
Duty Cycle	30	%
Coated electrodes	1.6 - 3.2	mm
Wire thickness	0.9 - 1.0	mm
Coil weight	0.5 - 1	kg
Generator use	5 KVA / 230V ±17%	
Size	33 x 13 x 25	cm
Weight	4.9	kg
DINSE Connector	3.8" (10 - 25)	ø
Power cable	2 x 1.5 mm²	
Cable + Earth clamp	1.5m - 10 mm²	
Cable + Electrode clamp	2.5m - 10 mm²	
Wire torch	✔	

Welding equipment with Fundent Center Arc Welding FCAW (flux core, with built-in Torch). STAYER MIG MULTI LINE, suitable for coated electrodes.

- Lightweight & multi use equipment for **wire welding** with built-in torch for **coils up to 1 kg** with **no gas required**.
- Easy configuration & with welding modes for **0,9mm** & **1mm flux core** & **coated electrode**, with a single button.
- Professional, **synergic settings** for **wire speed & output power** with fast response times, synchronizing both values.
- Easy set up without gas tanks required thanks to the **Flux Core**, flexible and versatile tool.
- Compact design, with carry handle & reduced weight, suitable for domestic use with 16A power intake limit.
- IGBT technology based on a last generation microprocessor able to use up to 120 Amperes.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design

MIG MULTI RANGE / MIG - MAG

MIG 165 MULTI

Cod. 1.2688

Output Power	160	A
Voltage	230	V
Duty Cycle	60	%
Coated electrodes	1.6 - 4.0	mm
Wire thickness	0.6 - 1.0	mm
Coil weight	0.5 - 1 - 5	kg
Generator use	7 KVA / 230V ±17%	
Size	42 x 31 x 18	cm
Weight	13	kg
DINSE Connector	3/8" (10 - 25)	ø
Power cable	2m x 2.5 mm²	
Cable + Earth clamp	1.5m - 16 mm²	
Cable + Electrode clamp	2.5m - 16 mm²	
MIG Torch	15 AK	
Included contact tips	1.0	
Included rollers	0.8 - 1.0	

STAYER MIG MULTI Line, with EUROTORCH connection & Power at 160 Amperes.

- Designed for high quality MIG, TIG & MMA welding.
- Easy **MIG settings**, easy configuration for **flux core welding.**
  - With gas, connect the torch to the positive pole (+).
  - With flux core, connect the torch to the negative pole (-).
- Efficient and simple wire settings with 2 buttons: one for speed & other for voltage. A commutator enables different work modes **wire (MIG)** & Electrode **(MMA) & TIG**.
- Protected against high temperatures & over voltage.
- Completely equipped with torches, rolller, earth and electrode clamps
- IGBT technology based on a last generation microprocessor able to use up to 160 Amperes.
- Portable & robust: Compact, low weight due to inverter circuits. Quality oversized components.
- For coils from **0.5 to 5Kg**.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design

MIG MULTI RANGE / MIG - MAG 200A

MIG 200 MULTI

Cod. 1.739

Output Power	200	A
Voltage	230	V
Duty Cycle	60	%
Coated electrodes	1.6 - 5.0	mm
Wire thickness	0.8 - 1.0	mm
Coil weight	5 - 15	kg
Generator use	7 - 9 KVA / 230V ±17%	
Size	51 x 42 x 32	cm
Weight	22	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	3.5m x 2.5 mm²	
Cable + Earth clamp	3m - 25 mm²	
Cable + Electrode clamp	3m - 25 mm²	
MIG Torch	15 AK	
Contact tips	0.8	mm
Rollers	0.8 - 1.0	mm

STAYER MIG MULTI Line, EUROTORCH connection 200 Amperes 60% duty cycle.

- Designed for high quality MIG, TIG & MMA welding.
- Easy **MIG settings**, easy configuration for **flux core welding.**
  - With gas, connect the torch to the positive pole (+).
  - With flux core, connect the torch to the negative pole (-).
- Efficient and simple wire settings with 2 buttons: speed & voltage. A commutator enables different working modes **wire (MIG)** & Electrode **(MMA) & TIG**.
- Protected against high temperatures & over voltages.
- Completely equipped with torches, rolller, earth and electrode clamps
- IGBT technology based on the lastest generation microprocessor able to work up to 200 A.
- Portable & robust: Compact, includes wheels for are easy handding. Quality oversized components.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU which warrant a safe and solid design

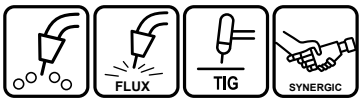
MIG - MAG SYNERGIC / 250A

MIG 250 CM (SINGLE PHASE)

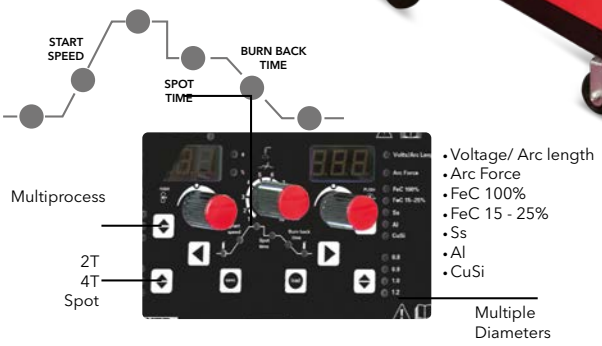
Cod. 1.2601

MIG 250 CT (TRIPHASIC)

Cod. 1.2683



Output Power	250	A
Voltage	230 / 400	V
Duty Cycle	60	%
Coated electrodes	1.6 - 6.0	mm
Wire thickness	0.6 - 0.8 - 1.0	mm
Coil weight	5 - 15	kg
Generator use	12 KVA / 230V ±17%	
Size	89 x 69 x 32.5	cm
Weight	42	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	2m x 2.5 mm²	
Cable + Earth clamp	3m - 25 mm²	
Cable + Electrode clamp	3m - 25 mm²	
MIG Torch	25 AK	
Gas hose	3	m
Rollers	x2 / 0.8 - 1.0	mm



Synergic MIG-MAG, MMA & Spot welding equipment.

- Easy polarity inversion for **flux core welding**.
- Two displays for Output Power & Voltage with real time values. Included Spool gun connection.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU.
- Ready for stabilized AVR 3x400V generators use, with a voltage input deviation of +/-17%.
- **Professional wire feeder**, with motor 60W, safe and stable wire reduction, suitable for **15 Kg coils**. Included **rollers for 0.6mm, 0.8mm & 1mm.**

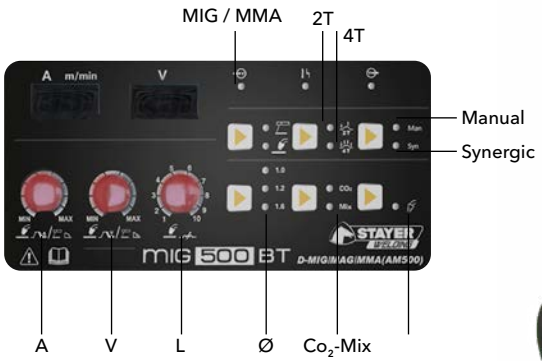
MIG - MAG SYNERGIC 350A / 500A

MIG 350 BT

Cod. 1.1509

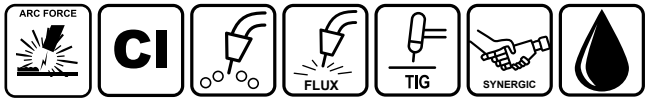
MIG 500 BT

Cod. 1.1510



Output Power	350	A	500	A
Voltage	3 x 400	V	3 x 400	V
Duty Cycle	60	%	60	%
Coated electrodes	1.6 - 8.0	mm	1.6 - 8.0	mm
Wire thickness	0.6 - 0.8 - 1.0 - 1.2	mm	0.8 - 1.0 - 1.2 - 1.6	mm
Coil weight	5 - 15	kg	5 - 15	kg
Generator use	15 KVA / 230V ±17%		25 KVA / 230V ±17%	
Size	90 x 114 x 30	cm	100 x 160 x 33	cm
Weight	45	kg	50	kg
DINSE Connector	1/2" (35 - 50)	ø	1/2" (35 - 50)	ø
Power cable	3m x 4 mm²		3m x 6 mm²	
Cable + Earth clamp	3m - 40 mm²		3m - 40 mm²	
Cable + Electrode clamp	3m - 40 mm²		3m - 40 mm²	
MIG Torch	36AK - 4m		501D - 4m	
Pressure gauge	✔		✔	m
Rollers	(x2 0.8-1.0)(x2 1.0-1.2)	mm	(x2 0.8-1.0)(x2 1.0-1.2) (x2 1.2-1.6)	mm

Industrial Inverter welding equipments for non stop wire welding, MMA & MIG with detachable wire feeder
- Easy to use with simple control panels with manual/classical/synergic modes.
- Adjustable **Arc Force** for coated **Cellulosic** electrodes & improved **TIG**.
- Easy polarity inversion for flux core welding.
- Two displays for Output Power & Voltage with real time values. Included Spool gun connection.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU.
- Ready for stabilized AVR 3x400V generators use, with a voltage input deviation of +/-17%.
- Detachable wire feeder can be placed 10 meters away from the group.
- **Professional wire feeder**, with motor 85W & 4 rolls push / pull, safe and stable wire reduction, suitable for 15 Kg coils.
- Intelligent Voltage, Output Power & Speed controlled from the wire feeder.



MIG - MAG SYNERGIC DOUBLE PULSE / 200A

MIG 200 DOUBLE PULSE

Cod. 1.2678

Output Power	200	A
Voltage	230	V
Duty Cycle	60	%
Coated electrodes	1.5 - 5.0	mm
Wire thickness	0.8 - 1.0 - 1.2	mm
Coil weight	5 - 15	kg
Generator use	10 KVA / 230V ±17%	
Size	58 x 40 x 27	cm
Weight	17.5	kg
DINSE Connector	1/2" (35 - 50)	ø
Power cable	3m - 2.5 mm²	
Cable + Earth clamp	2m - 25 mm²	
Cable + Electrode clamp	2m - 25 mm²	
MIG Torch steel	MB24 - 4m	
MIG Torch Aluminum	MB24 - 2m	
Rollers V	x2 (0.8 / 1.0)	mm
Rollers U	x4 (1.0 / 1.2)	mm

Industrial Inverter single-phase welding equipment for non stop wire welding, MMA & MIG, Intelligent synergic settings & great digital display 60% duty cycle.

- **Great LCD screen with intuitive controls**, to completely control and adjust the welding parameters.
- Built in microprocessor **MCU** for a fast and easy welding setting & control.
- **Synergic system** suitable for all kind of **carbon steel** & **inox, magnesium / silicon aluminums & copper**.
- Specific settings for coated electrodes **MMA**, **pulse / double pulse & manual mode**. **Spray mode with no splatting on all kind of positions with pulse control.**
- Memory to store welding settings.
- Sequence modes included: **2T, 4T, 4TH & Spot.**
- Optimized settings for **0.8, 1.0 & 1,2mm wire**.
- Includes two Torches 25mm². A short one special for aluminum & other for steels.
- Four contacts roller **'U' special for aluminum & 'V' special steel**.
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU.
- Temperature & overcharge protection controlled by software.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.

MIG - MAG SYNERGIC DOUBLE PULSE

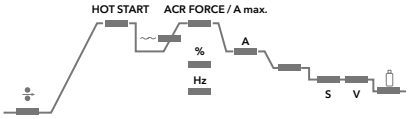
MIG 280 DOUBLE PULSE

Cod. 1.2401

MIG 350 DOUBLE PULSE

Cod. 1.2679

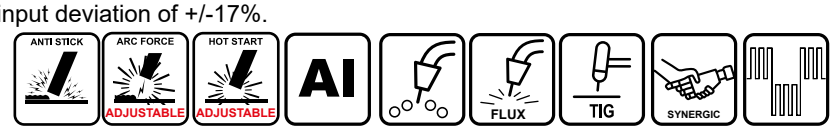
NEW



	MIG 280 DOUBLE PULSE		MIG 350 DOUBLE PULSE	
Output Power	280	A	350	A
Voltage	3 x 400	V	3 x 400	V
Duty Cycle	60	%	60	%
Coated electrodes	1.6 - 6.0	mm	1.6 - 8.0	mm
Wire thickness	0.8 - 1.0 - 1.2 - 1.6	mm	0.8 - 1.0 - 1.2 - 1.6	mm
Coil weight	5 - 15	kg	5 -15	kg
Generator use	14 KVA / 230V ±17%		15 KVA / 230V ±17%	
Size	53 x 64 x 29.5	cm	77.5 x 94 x 40	cm
Weight	34	kg	46.5	kg
DINSE Connector	1/2" (35 - 50)	ø	1/2" (35 - 50)	ø
Power cable	2.5m - 2.5 mm² + 1 - 1.5 mm²		3m - 2.5 mm²	
Cable + Earth clamp	2m - 25 mm²		2.5m - 25 mm²	
Cable + Electrode clamp	3m - 25 mm²		2.5m - 25 mm²	
MIG Torch Aluminum	INNOTEC 24 / 2m x 25 mm²		36KD - 2m	
MIG Torch Steel	INNOTEC 24 / 4m x 25 mm²		36KD - 3m	
Rollers V	x2 (0.8 / 1.0) x2 (1.2 / 1.6)	mm	x2 (0.8 / 1.0)	mm
Rollers U	x4 (1.0 / 1.2)	mm	x4 (1.0 / 1.2)	mm

Industrial Inverter three-phase welding equipment for non stop wire welding, MMA & MIG, Intelligent synergic settings 60% duty cycle.

- **Synergic system suitable for all kind of carbon steel & inox, magnesium / silicon aluminums & copper**.
- Specific settings for coated electrodes MMA, pulse / double pulse & manual mode. Spray mode with no splatting on all kind of positions with pulse control.
- Sequence modes included: 2T, 4T, 4TH & Spot.
- Optimized settings for 0.8, 1.0, 1,2, 1.6 mm wire.
- Included external **Hot Start** & **Arc Force** regulation for professional **MMA welding**.
- Includes two Torches 25mm². A short one special for aluminum & other one for steels.
- Four contacts roller 'U' special for aluminum & 'V' special steel.
- Advanced modular managed by 2 Microprocessors for a long lifespan.
- Easy transport & storage: Compact tool & low mass. Included gas tank tray
- Designed and produced under european regulations 2014/35/UE, 2014/30/EU & 2011/65/EU.
- Temperature & overcharge protection controlled by software.
- Ready for Stabilized generators use, with a voltage input deviation of +/-17%.
- Low consumption: Max 15 Amperes per phase.



CUTTING WITH PLASMA

Model	*PLASMA MULTI 40*	*PLASMA 40 COM GE*	*PLASMA 100 TGE*
Code	1.1537	1.1732	1.1538
Input 50 / 60 Hz Phases	1	1	3
Voltage (V)	230	230	400
Duty Cycle STAYER 30ºC (%)	60	60	60
Max. Current (A)	Plasma 40 Electrode 160	40	100
Max generator (KVA)	7	7	11
Recommended Generator (AVR)*	7	7	12
Max. intake Input (A) L_{1max}	31	31	28
Cutting capacity	12	12	32
Coated Electrode (MMA)	✓	X	X
TIG Lift Arc	✓	X	X
Built-in Compressor	X	✓	X
High Frequency cutting (HF)	X	X	✓
Air hose	3.25	✓	✓

* Recommended values using Generators AVR (Automatic Voltage Regulator).
Minimum values recommended obtained using the welding equipment at minimum performance in a controlled enviroment under specific conditions.
For an optimum tool usage we advise using an AVR generator capable of providing maximum intake KVA for the tool.

INVERTER PLASMA CUTTERS

PLASMA 40 COM GE

Cod. 1.1537

PLASMA MULTI 40 GE

Cod. 1.1732

PLASMA 100 TGE

Cod. 1.1538

	PLASMA MULTI 40 GE		PLASMA 40 COM GE		PLASMA 100 TGE	
Output Power	40 - 160	A	40	A	100	A
Voltage	230 ±17%	V	230	V	3 x 400	V
Duty Cycle	60	%	60	%	60	%
Coated electrodes	1.6 - 4.0	mm	X	mm	X	mm
Cutting capacity	12	mm	12	mm	32	mm
Built-in compressor	X		1	HP	X	
Generator use	7 KVA / 230V ±17%		7 KVA / 230V ±17%		12 KVA / 230V ±17%	
Size	39.5 x 27.5 x 15	cm	35 x 40 x 19.5	cm	62 x 50 x 32	cm
Weight	7	kg	19.5	kg	30	kg
DINSE Connector	1/2" (35 - 50)	ø	3/8" (10 - 25)	ø	3/8" (10 - 25)	ø
Power cable	3m x 2.5 mm²		3m x 2.5 mm²		3m x 2.5 mm²	
Cable + Earth clamp	2m - 16 mm²		3m - 10 mm²		3m - 16 mm²	
Cable + Electrode clamp	2.4m - 16 mm²		X		X	
Torch Plasma	SG 55 / 4m		IPT 40 / 6m		LT 100 / 6m	
TIG Torch	SR 17 HF		X		X	
Air hose	X		✔		✔	

- Professional Plasma metal cutting system by Inverter technology.
- Ready for clean and fast cuts of all kind of metals and alloys execution.
- Solid construction under European specifications: 2014/35/EU, 2014/30/EU, 2011/65/EU and IEC 60974.
- Fabricated for production works in severe-service industrial production for metallic constructions, yards, scrapping, boiler making and maintenance.
- 40A and 100A at 60% duty cycle with 100 to 130 Vdc no-load voltage.
- Easy cutting operations execution even for inexperienced users due to the ST WELDING smart logic.
- The PLASMA 40 COM GE mobility equipment includes an intern 1 HP internal compressor for autonomy, with no need for the equipment to be connected to the compressed air installation.
- Metallic carpentry and extra robust housing with inner reinforcement for shock bearing. Steel blades for a higher resistance and longer service life.
- Advanced design and high-quality electronical components, including commuters and high-range HF rectifiers, toroidal power transformers and top brand components. Modiular design for easy service.
- Extended resistance to the power input. Bears up to 270Vac in monophasic equipment and up to 470Vac in triphasic ones under 50m extension cords conditions.
- Ready for all kind of capacitor stabilized generators, AVR or sine-wave inverter
-Every model includes cutting torches, air hose and earth clamp cables.

PLASMA MULTI 40 Three functions:

- MMA covered electrode welding with external Arc Force and 160A at 60% duty cycle cellulosic welding.
- Quality TIG welding with arc start by contactless high frequency.
- All kind of metals cutting by HF 40A contactless start-up Plasma.
- Very complete accessories including plasma torch, TIG torch and MMA.
- Suitable for all kind of light and medium and heavy maintenance and construction works where a maximum welding, cut and usage simplicity is required.

FIXED PROTECTION - MASKS

GS-0B (5 Masks indivisible pack)

Cod. 1.2689

ANZI 2000 (5 Masks indivisible pack)

Cod. 8110.3310

	GS-0B		ANZI 2000	
Filter	108 x 50 x 3	mm	107 x 50.5	mm
Vision Area	93 x 40	mm	89 x 45	mm
Light mode protection	11	DIN	10	DIN
Dark mode protection	11	DIN	10	DIN
Protection UV/IR	11	DIN	10	DIN
Time light > dark	-	s	-	s
Time dark > light	-	s	-	s
Adjustable sensitivity	X		X	
Usage temperature	-5 / +55	ºC	-5 / +55	ºC
Weight	400	gr	275	gr
Filter lifespan	2 Years		2 Years	
Units per box	x5		x5	

AUTOMATIC MASK WITH ADJUSTABLE SENSITIVITY

AS - 1D

Cod. 1.1841

Filter	110 x 90	mm
Vision Area	92 x 35	mm
Light mode protection	4	DIN
Dark mode protection	9 / 13	DIN
Protection UV/IR	15	DIN
Time light > dark	1 / 20000	s
Time dark > light	0.2 - 0.8	s
Adjustable sensitivity	✔	
Usage temperature	-5 / +55	ºC
Weight	440	gr
Filter lifespan	2 Years	
Battery Filter	Solar / AAA	
Suitable for Grinding	X	

AUTOMATIC MASK WITH ADJUSTABLE SENSITIVITY

AS - R

Cod. 1.1792

Filter	110 x 90 x 8	mm
Vision Area	92 x 35	mm
Light mode protection	4	DIN
Dark mode protection	9 / 13	DIN
Protection UV/IR	15	DIN
Time light > dark	1 / 20000	s
Time dark > light	0.4	s
Adjustable sensitivity	X	
Usage temperature	-5 / +55	ºC
Weight	500	gr
Filter lifespan	2 Years	
Battery Filter	Solar / AAA	
Suitable for Grinding	✔	

AUTOMATIC MASK WITH ADJUSTABLE SENSITIVITY

AS - RT

Cod. 1.2151

CARNIVAL 1 (AUTO)

Cod. 1.2025

CARNIVAL 3 (FIRE)

Cod. 1.2024

Filter	110 x 90 x 8	mm
Vision Area	92 x 35	mm
Light mode protection	4	DIN
Dark mode protection	9 / 13	DIN
Protection UV/IR	15	DIN
Time light > dark	1 / 20000	s
Time dark > light	0.2 / 0.8	s
Adjustable sensitivity	✔	
Usage temperature	-5 / +55	ºC
Weight	500	gr
Filter lifespan	2 Years	
Battery Filter	Solar / AAA	
Suitable for Grinding	✔	

AUTOMATIC MASK WITH MANUAL ADJUSTABLE SENSITIVITY

AS - X

Cod. 1.1059

Filter	110 x 90 x 9	mm
Vision Area	91 x 41	mm
Light mode protection	4	DIN
Dark mode protection	9 / 13	DIN
Protection UV/IR	16	DIN
Time light > dark	1 / 25000	s
Time dark > light	0.2 / 0.8	s
Adjustable sensitivity	✔	
Usage temperature	-5 / +55	ºC
Weight	430	gr
Filter lifespan	2 Years	
Battery Filter	Solar / AAA	
Suitable for Grinding	✔	

- **Automatic external and internal regulation**
- **Solar powered filter**
- **Ready for grinding jobs**
- **Adjustable darkening, 2 ranges precision**
- **Sensibility and delay control**
- **Large frontal protector**

AUTOMATIC MASK WITH MANUAL ADJUSTABLE SENSITIVITY

AS - XL

Cod. 1.1386

Filter	114 x 133	mm
Vision Area	100 x 60	mm
Light mode protection	4	DIN
Dark mode protection	5-9 / 9-13	DIN
Protection UV/IR	16	DIN
Time light > dark	1 / 30000	s
Time dark > light	0.2 / 0.8	s
Adjustable sensitivity	✔	
Number of sensors	4	
Usage temperature	-5 / +55	ºC
Weight	440	gr
Filter lifespan	2 Years	
Battery Filter	Solar / 2xCR2450	
Suitable for Grinding	✔	

- **Great surface vision**
- **Recommended for TIG welding**
- **Solar powered filter**
- **Ready for grinding jobs**
- **Large frontal protector**
- **Area filter of 100 x 60mm adjustable**
- **4 arc sensors.**
- **Rechargable batteries**

ELECTRODES

Code	Description	mm	Box Kg
38.944	RUTILO E-6013	2.5	1
38.945	RUTILO E-6013	3.2	1
38.946	RUTILO E-6013	4.0	1
38.852	RUTILO E-6013	2.5	5
38.853	RUTILO E-6013	3.25	5
38.854	RUTILO E-6013	4.0	5

Code	Description	mm	Box Kg
38.947	BÁSICO E-7018	2.5	1
38.948	BÁSICO E-7018	3.2	1
38.857	BÁSICO E-7018	3.2	5

Code	Description	mm	Box Kg
38.949	INOX E-308L-16	2.5	1
38.950	INOX E-308L-16	3.2	1
38.864	INOX E-308L-16	3.25	4.5

Code	Description	mm	Box Kg
38.865	ALUMINIO	2.5	2
38.866	ALUMINIO	3.2	2

FLUX CORE COILS

0.9 mm / 0.45 kg / E71T - GS ISO-EN-17632
Cod. 2.780

0.9 mm / 1 kg / E71T - GS ISO-EN-17632
Cod. 2.769

0.9 mm / 5 kg / E71T - GS ISO-EN-17632
Cod. 2.768

1.2 mm / 15 kg / E71T - 1C
Cod. 2.796

STEEL WIRE COILS

0.8 mm / 1 kg / ER70S - 6
Cod. 2.767

0.8 mm / 5 kg / ER70S - 6
Cod. 2.765

1.0 mm / 1 kg / ER70S - 6
Cod. 2.772

1.0 mm / 5 kg / ER70S - 6
Cod. 2.766

TUNGSTEN ELECTRODES (10 Uds)

2% Thorium ø1.6 x 150 mm - EWTh-2 - RED
ANSI/AWS A5.12M-98 ISO 6848
Cod. 2.250

2% Thorium ø2.4 x 150 mm - EWTh-2 - RED
ANSI/AWS A5.12M-98 ISO 6848
Cod. 2.303

Pure Tungsten ø1.6 x 150 mm - EWP - GREEN (Aluminum)
ANSI/AWS A5.12M-98 ISO 6848
Cod. 2.781

Pure Tungsten ø2.4 x 150 mm - EWP - GREEN (Aluminum)
ANSI/AWS A5.12M-98 ISO 6848
Cod. 2.430

FILLER RODS

Carbon Steel ø1.6mm x 1m ER70S - 6 (1 Kg)
Cod. 2.784

Inox (10 Uds) 316L
Cod. 2.803

Consumables for Welding Masks

Cod.	Model	Internal Protector	External Protector	Filter	Harness	Harness fixation set	Sweat band
1.1792	AS - R	4020.57	4020.8	4020.53	4020.55	4020.56	4020.32
1.2151	AS - RT	4020.57	4020.8	4020.61	4020.55	4020.56	
1.1606	AS - 1D	4020.59	4020.58	4020.61	4020.60	4020.56	
1.1059	AS - X	4020.13	4020.8	4020.18	4020.19	4020.24	
1.1386	AS - XL	4020.30	4020.29	4020.27	4020.42	4020.43	

MAGNETIC SQUARE

<25 kg

Cod. 8110.777

CHISEL / HAMMER

500 gr

Cod. 8110.1225

HAMMER / BRUSH

Cod. 8110.1226

FLOWMETER

Argón & CO2

Cod. 38.875

ELECTRODE CLAMP

300A

Cod. 8110.637

400A

Cod. 38.259

EARTH CLAMP

300A

Cod. 8110.638

500A

Cod. 8110.1228

MALE DINSE CONNECTOR

3/8" (x2 Uds)

Cod. 38.232

1/2"

Cod. 38.233

FEMALE DINSE CONNECTOR

3/8" (x2 Uds)

Cod. 2.552

1/2"

Cod. 2.680

CABLES & CLAMPS SET

	8110.3345	8110.3308	8110.1159	8110.3309
Cable + Earth clamp	2m x 16mm²	3m x 16mm²	2m x 25mm²	3m x 25mm²
Cable + Electrode clamp	2.5m x 16mm²	4m x 16mm²	3m x 25mm²	4m x 25mm²
DINSE Connector	3/8" (10-25)	3/8" (10-25)	1/2" (25-50)	1/2" (25-50)

PLASMA TORCHES M16 x 1.5

PLASMA SG 55 (4m) para PLASMA 40 MULTI GE
Cod. 4120.170

PLASMA IPT 40 (6m) para PLASMA 40 COM GE
Cod. 4120.171

PLASMA LT 100 (6m) para PLASMA 100 TGE
Cod. 4120.169

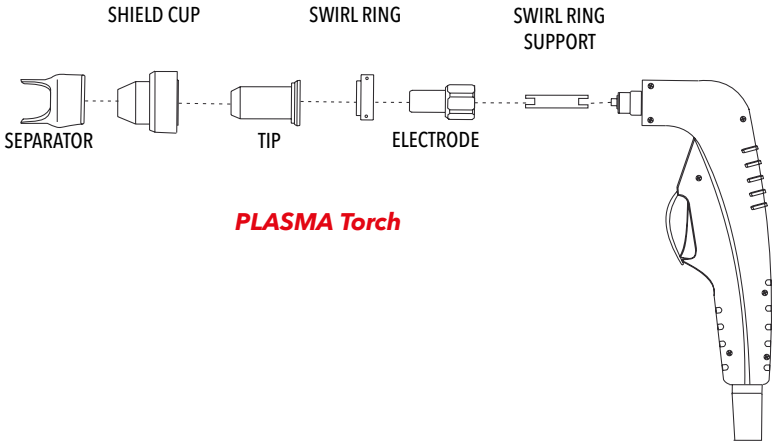
PLASMA SG 55

PLASMA IPT 40

PLASMA LT 100

Consumables for Torches PLASMA

Cod.	Model	Electrode	Swirl ring	Nozzle Tip	Nozzle shield cup	Swirl ring support	Separator	Nazzle
4120.170	SG 55	4120.180			4120.178			4120.179
4120.171	IPT 40	4120.174	4120.175	4120.176	4120.177			
4120.169	LT 100	4120.148	4120.145	4120.146	4120.147	4120.144	38.21	



PLASMA Torch

CONTACT TIPS

Steel 0.8mm - 5 units
Cod. 2.782

Steel 0.9mm - 5 units
Cod. 2.783

Steel 1.0mm - 5 units
Cod. 2.786

CONIC NOZZLES MIG 15

3 units
Cod. 2.787

MIG Torch
13 AK - 3m
EUROTORCH
MIG 160 MULTI

Cod. 8110.1158

MIG Torch
15 AK - 4m
EUROTORCH
MIG 165/170/200 MULTI

Cod. 38.483

MIG Torch
25 AK - 4m
EUROTORCH
MIG 250 C

Cod. 38.484

MIG Torch
36 AK - 4m
EUROTORCH
MIG 350 BT
MIG 350 DP

Cod. 38.485

MIG Torch
Aluminum - 36 AK - 3m
EUROTORCH
MIG 350 DP

Cod. 38.806

MIG Torch
MIG 501 D - 3m
EUROTORCH
MIG 500 BT

Cod. 38.308

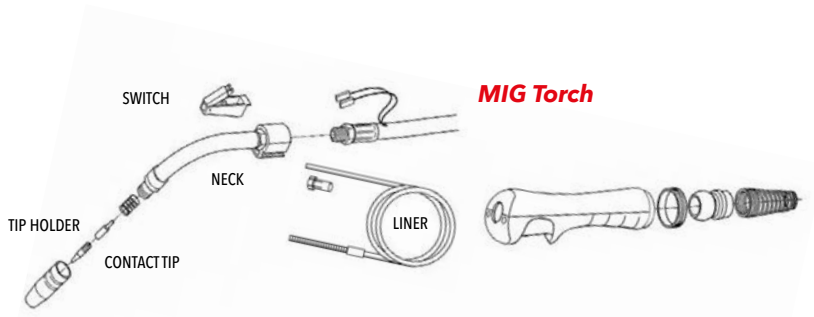
MIG Torch
MIG 24 - 4m
EUROTORCH
MIG 200 DP
MIG 280 DP

Cod. 8346.55

MIG Torch
Aluminum - MIG 24 - 2m
EUROTORCH
MIG 200 DP
MIG 280 DP

Cod. 8346.56

				Contact Tip Steel			Contact Tip Aluminum						Steel Liner			Aluminum Liner		
Cod.	**Torch**	**Tool**	**Nozzle**	**0.8**	**1.0**	**1.2**	**0.8**	**1.0**	**1.2**	**Tip Holder**	**Neck**	**Switch**	**0.8**	**1.0**	**1.2**	**0.8**	**1.0**	**1.2**
8110.1158	13 AK	MIG 170	8110.1165	8110.1162	8110.1163	8110.1164	-	-	-	-	8110.1166	8110.1167	8110.1168			-		
38.483	15 AK	MIG 200	4019.56	38.50	38.51	-	38.52	38.53		38.721	38.742	38.613	38.744			38.743		-
38.484	25 AK	MIG 250 C	38.81	38.54	38.55	38.56	38.57	38.745	38.58	38.722	38.746	38.747						
38.485	36 AK	MIG 350 BT	38.69	38.59	38.60	38.61	38.62	38.63	38.64	38.480	38.752		38.750	38.751		38.749	38.748	
38.486	501 D	MIG 500 BT	38.568	38.542	38.543	38.544	38.545	38.66	38.546	38.736	38.737		38.553	38.556	38.559	38.554	38.557	38.560



MIG Torch

TIG Torch
DINSE 3/8"
Gas 1/2" - 3m
UNIVERSAL
Cod. 38.85

TIG Torch
DINSE 1/2"
Gas 1/2" - 4m
UNIVERSAL
Cod. 38.87

TIG Torch
PLASMA MULTI 40 COM
DINSE 1/2"
M16 x 1.5 - 4m
Cod. 4120.172

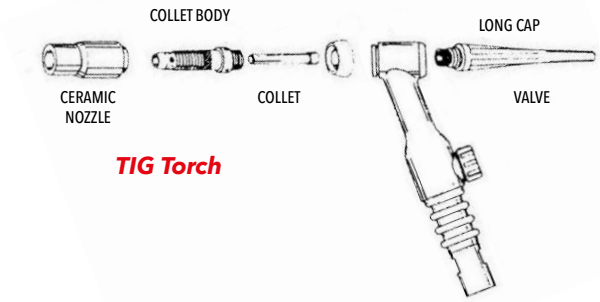
TIG Torch
POTENZA TIG 170 HF
Gas M16 x 1.5 - 4m
Cod. 38.713

TIG Torch
TIG 200 HFP
TIG AC/DC 190 HFPS
TIG AC/DC 200 HFP
DINSE 1/2"
Gas M10 x 1 - 3m
Cod. 4019.55

TIG Torch
Water DINSE 1/2"
Gas M10 x 1 - 3m
TIG AC/DC 315 HF P
Cod. 4019.125

Consumables for Torches TIG

			Collet						Collet Body						Ceramic Nozzle				
Torch	Long Cap	Valve Cap	1.0	1.6	2.0	2.4	3.2	4.0	1.0	1.6	2.0	2.4	3.2	4.0	GR-4	GR-5	GR-6	GR-7	GR-8
UNIVERSAL	2.310	2.311	2.330	2.305	2.331	2.306	2.332	2.333	2.334	2.308	2.335	2.307	2.336	2.337	2.338	2.339	38.443	2.340	2.341



TIG Torch

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