

# Plasma range PRESTOJET / PLASMAJET

A complete range of installations  
for manual plasma cutting and gouging

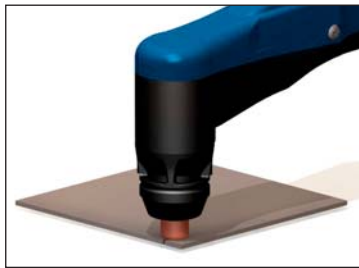




## The plasma process

### Principles

Plasma arc, created from a combination of direct electric current and gas flow, is strongly constricted by a nozzle which gives the resulting jet formidable, thermal and kinetic energy. The transfer of this energy to the part to be cut results in localized melting of the metal and its ejection from the cut.



2007-981\_ref

### Performance

To maximize the service life of the wear parts: electrodes, nozzles and guide shoes, it is important to pay close attention to the conditions for piercing in mid-plate, and also to the main cutting parameters. The correct combination of settings, according to the thickness to be cut - power, nozzle diameter, gas flow rate, separation distance, speed of movement of the torch - yields optimum results in terms of width of cut, lead angle, spatters and smooth cut surface with very little dross.

### Plasma gouging



The plasma gouging process is performed with a standard plasma cutting torch by only changing the nozzle, the skirt and the skate. Using the same principle of plasma cutting it

2000-145

allows metal to be removed in an efficient, precise and clean way.

### Benefits:

- reduced noise and smoke compared with other thermal gouging methods,
- high metal removal rate (up to 12 kg / hour) with superior precision,
- reduced risk of carbon contamination compared with the arc gouging process,
- possibility to gouge ferrous and non-ferrous metals.

### Drag cutting



2007-982\_ref

The direct contact between the cutting nozzle and the workpiece provides several benefits in comparison with the "distance cutting" method. This particular position allows most of the smoke, spatters and arc radiation to be kept under

the metal sheet thus protecting the operator.

The result of a drag cut is very clean and the resulting kerf is a much more narrow, superior precision quality cut. The drag cutting process is ideal up to 8 mm thickness for all those applications where accuracy is required.

### Capacity

Plasma cutting equipment is characterized by the thicknesses that it is capable of:

- Piercing in mid-plate, with minimum risk for nozzles and guide shoes.



3566-04

- Cutting with satisfactory quality and a comfortable cutting speed.



3566-06

- Separation cutting at the limits of capacity.

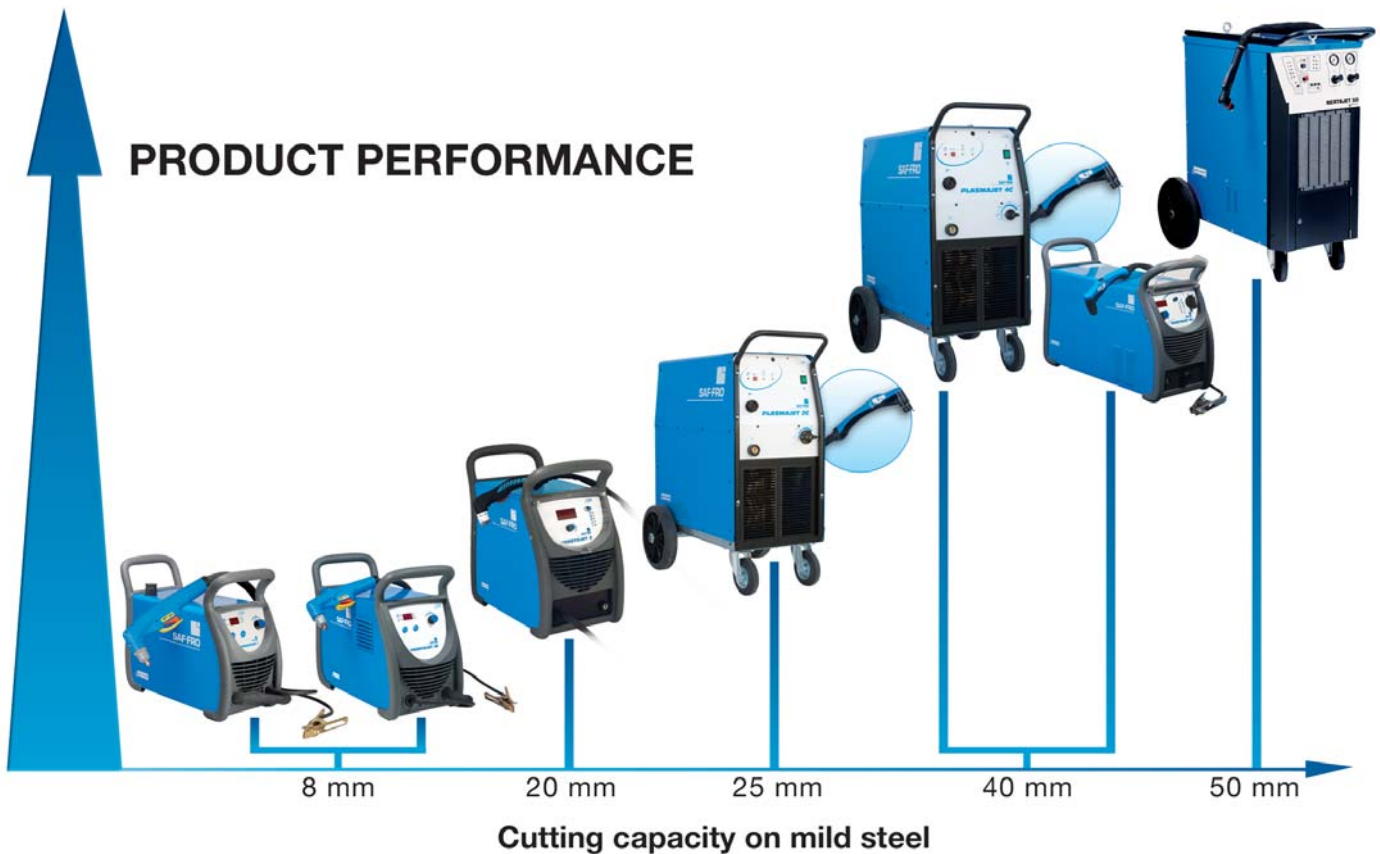


3566-05



## Selection table

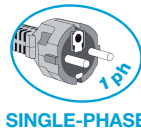
Product name	Main supply	Weight	Dimensions (mm)	Output current	Duty cycle @ 40° C	Digital Display	Gouging	Auto. version	Cutting gas	Technology	Cooling
<b>PRESTOJET 1K</b>	1-ph 230 V	16 kg	470 x 205 x 370	10 - 30 A	30 A - 25%	Yes	No	No	Air	Inverter	Air
<b>PRESTOJET 1</b>	1-ph 230 V	8 kg	435 x 185 x 306	10 - 30 A	30 A - 35%	Yes	No	No	Air	Inverter	Air
<b>PRESTOJET 2</b>	3-ph 230 V or 400 V	25 kg	435 x 235 x 380	20 - 65 A	65 A - 50%	Yes	Yes	No	Air	Inverter	Air
<b>PRESTOJET 4C</b>	3-ph 400 V	35 kg	720 x 310 x 430	10 - 120 A	120 A - 60%	Yes	Yes	Yes	Air	Inverter	Air
<b>PLASMAJET 2C</b>	3-ph 220/230/380/400 V	80 kg	500 x 855 x 755	30 / 50 / 80 A	80 A - 40%	No	No	No	Air	Transformer	Air
<b>PLASMAJET 4C</b>	3-ph 220/230/380/400 V	125 kg	500 x 855 x 755	35 / 50 / 85 / 120 A	120 A - 50%	No	No	No	Air	Transformer	Air
<b>NERTAJET 50</b>	3-ph 230/400/415/440 V	260 kg	1 170 x 710 x 1 200	20 / 40 / 60 / 100 / 150 A	150 A - 100%	No	Yes	Yes	Air / N <sub>2</sub> / Ar / H <sub>2</sub>	Chopper	Water



## PRESTOJET 1K-single phase portable cutter



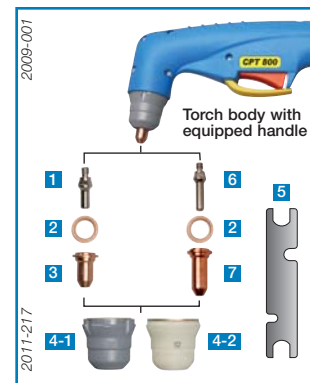
It is the portable solution with built-in air compressor for manual plasma cutting. Some of the user benefits are: a built-in air compressor to cut everywhere with just a 16 A domestic plug, possibility to regulate the cutting current up to 30 A (to cut up to 10 mm - severance cut on carbon steel). The digital display of the parameters allows an easy and precise interface to achieve the best results in a simple way. All this performance and only 16 kg, it is the lightest unit on the market.



### PRESTOJET 1K

#### Product features

- High tech: microprocessor control and digital display.
- High quality contact cut, genuine cut up to 8 mm and severance cut up to 10 mm.
- Low air and current consumption.
- Increased safety due to the patented features of its new torch.
- Light: easy to transport everywhere, (only 16 kg).
- No HF: starting with blow-back prevention from HF pollution.
- Long nozzle and electrode for angle cutting.



### WEAR PARTS BOX

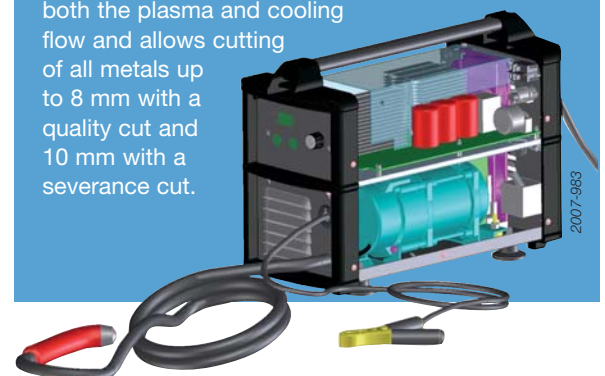
Cat n°: W000277610



Technical characteristics		<b>PRESTOJET 1K</b>
Primary input	Single phase input	230 V +/- 10% - 50-60 Hz
	Effective consumption	11.5 A
Output	Cutting current	10 - 30 A
	Duty cycle at 40 °C	30 A at 25%
Protection index		IP 23
Insulation class		H
Standards		EN 60974-1 ; EN 60974-7 ; EN 60974-10
Dimensions (l x w x h)		470 x 205 x 370 mm
Net weight		16 kg
<b>To order</b>		
Packages including: a power source, PRESTOJET 1K a torch 4 m, a 3 m earth cable with clamp, a set of wear parts, a 3 m primary cable		P970120200
Torch CPT 800 - 4 m		P000478012
<b>Wear parts for CPT 800</b>		
	<b>1</b> Electrode	P000478022
	<b>2</b> Diffuser	P000478084
	<b>3-1</b> 0,65 nozzle	P000478058
	<b>3-2</b> 0,8 nozzle	P000478060
	<b>4-1</b> TN skirt	P000478080
	<b>4-2</b> TI skirt	P000478087
	<b>5</b> Wrench	P000021852
	<b>6</b> Long electrode	P000022547
	<b>7</b> 0,8 long Nozzle	P000022546
<b>Adds-ons</b>		
	Cutting compass	P000478000
	Wear parts box	P900400100

### INTEGRATED COMPRESSOR TECHNOLOGY

With the reduction of size and weight for compressors and inverter power sources it is now possible to produce a new generation of plasma units needing only a 16 A power supply to cut. The built-in compressor provides the air for both the plasma and cooling flow and allows cutting of all metals up to 8 mm with a quality cut and 10 mm with a severance cut.



## PRESTOJET 1



This lightweight set provides a cutting current up to 30 A, to cut with genuine quality up to 8 mm (severance 10 mm). Controlled by a microprocessor, this electronic unit shows parameters and messages through the digital display. The pressure is measured with an electronic sensor and the inverter technology allows low current consumption. The safety of the operator is assured by the design of the torch and the protection of the trigger.

### PRESTOJET 1

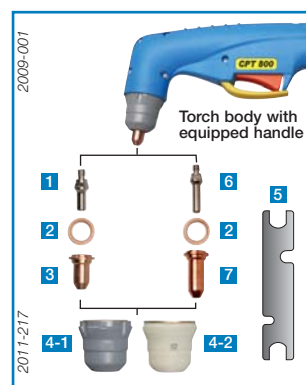
#### Product features

- High tech: microprocessor control and digital display.
- High quality contact cut: genuine cut up to 8 mm and severance cut up to 10 mm.
- Low air and current consumption.
- High operator safety.
- Light: easy to transport, weight only 8 kg.
- Reliable and strong: robust design.
- Long nozzle and electrode for angle cutting.



### WEAR PARTS BOX

Cat n°: P900400100



Technical characteristics		PRESTOJET 1
Primary input	Single phase input	230 V +/- 10% - 50-60 Hz
	Effective consumption	14 A
Output	Cutting current	10 - 30 A
	Duty cycle at 40 °C	25 A at 60%
		30 A at 35%
Compressed air		4 bars - 100 l/min
Protection index		IP 23
Insulation class		H
Standards		EN 60974-1 ; EN 60974-7 ; EN 60974-10
Dimensions (l x w x h)		435 x 185 x 306 mm
Net weight		8 kg
To order		
Packages including: a power source, PRESTOJET 1 a torch 4 m, a 3 m earth cable with clamp, a set of wear parts, a 3 m primary cable		P970120202
Torch CPT 800 - 4 m		P000478012
Wear parts for CPT 800		
1	Electrode	P000478022
2	Diffuser	P000478084
3-1	0,65 nozzle	P000478058
3-2	0,8 nozzle	P000478060
4-1	TN skirt	P000478080
4-2	TI skirt	P000478078
5	Wrench	P000021852
6	Long electrode	P000022547
7	0,8 long nozzle	P000022546
Adds-ons		
	Cutting compass	P000478000
	Wear parts box	P900400100

### INVERTER ADVANTAGES

The inverter technology provides at least 3 decisive advantages that assure a very quick pay-back for this kind of installation:

- High efficiency (~99%) and low power consumption, around 30% less than an equivalent transformer.
- Light weight (4 times less than a traditional unit) and small size, with the possibility to carry the units and move them easily for flexible on-site use.
- Continuous current setting with flat DC current that gives a superior quality cut with a very smooth cut surface.



## PRESTOJET 2: the power of technology



With its portability and high power, this new unit is perfect for all maintenance operations. The duty cycle at 40 °C allows use for heavy duty operations, including automatic applications and gouging. The autolink feature and the digital display give the maximum flexibility together with top performance.



### PRESTOJET 2

#### Product features

- High quality cut due to the patented SAF-FRO technology.
- Heavy duty cycle 50% at 40 °C for intensive applications.
- Autolink function (automatic setting of the net supply 230 V or 400 V).
- Light (25 kg), small and powerful (up to 20 mm thickness).
- Easy to use due to the digital display.
- Gouging possibilities.



#### PRESTOJET 2 - Front panel



1. Cutting mode
2. Grid cutting
3. Gouging
4. Air pressure setting
5. Alarm indicator
6. Reset button
7. Setting knob
8. Digital display

Technical characteristics	<b>PRESTOJET 2</b>	
<b>Primary input</b>	Input voltage three phases	230 V - 400 V +/- 10 % with autolink 50/60 Hz
	Max. input current at 400 V	15.5 A
	Max. input current at 230 V	14 A
<b>Output</b>	Cutting current	20 - 65 A
	Duty cycle at 40 °C 400 V	65 A at 60%
		50 A at 100%
	Duty cycle at 40 °C 230 V	40 A at 100%
<b>Compressed air</b>	5 bars - 180 l/min	
<b>Protection index</b>	IP 23S	
<b>Insulation class</b>	H	
<b>Standards</b>	EN 60974-1 ; EN 60974-7 ; EN 60974-10	
<b>Dimensions (l x w x h)</b>	435 x 235 x 380 mm	
<b>Net weight</b>	25 kg	
<b>To order</b>		
<b>Package including</b>	a power source, a torch 5 m, a 3 m earth cable with clamp, a 5 m air cable, a set of wear parts, a 6 m primary cable	P000021618
<b>Torch CP 2.5 - 5 m</b>		P000478087
<b>Wear parts for JET CP 2.5</b>		
	FL electrode	P000478024
	1.2 nozzle	P000478066
	TN skirt for drag cutting	P000478092
	TN skirt fo distance cutting	P000024229
	Wrench	P000478082
<b>Adds-ons</b>		
	Cutting compass	P000478000
	Wear parts box	P000478086



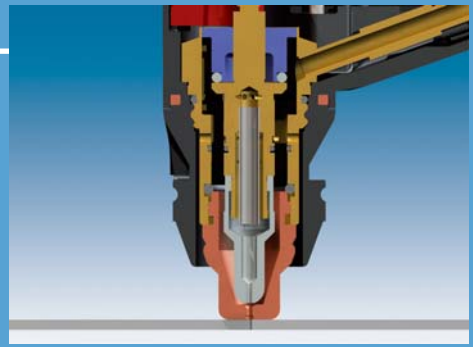
- Light
- Powerful
- Flexible
- Robust

## BLOW-BACK "CLEAN STARTING" ADVANTAGES

Blow back technology, based on the movement of the electrode during the ignition phase, is much cleaner and safer compared with traditional High Frequency starting.

"Clean" because the electromagnetic emissions are at a minimum level, which means protection for other electronic devices such as computers, NC machines.

"Safe" because there is no risk of high frequency dispersion and of interference with other machines.



**O. RING NOZZLE**  
Cat n°: W000269523

## WEAR PARTS BOX

Cat n°: W000277614



2004-685

**ELECTRODE FL**  
Cat n°: P000478024

2007-121

**ELECTRODE C**  
Cat n°: P000478028

2008-034

**ELECTRODE L**  
Cat n°: P220386070

2004-685

**NOZZLE L 1.0**  
Cat n°: P000478064  
**NOZZLE L 1.2**  
Cat n°: P000478066

2007-121

**NOZZLE C 1.0**  
Cat n°: P000478050  
**NOZZLE C 1.2**  
Cat n°: P000478052

2004-685

**GOUGING NOZZLE G 2.0**  
Cat n°: P000478096

2007-987

**SKIRT TN**  
Cat n°: P000478092

2004-220

**SKIRT TI**  
Cat n°: P000478094

2007-987

**SKIRT TN**  
Cat n°: P000478092

2007-989

**SKATE 60 A**  
Cat n°: P000478048

2007-987

**SKIRT TN**  
Cat n°: P000478092

2007-991

**SKATE FOR GOUGING 60 A**  
Cat n°: P000478098

Drag cutting from 0.1 to 8 mm

Distance cutting from 1 to 20 mm

Plasma gouging

# PRESTOJET 4C, the top performer



PRESTOJET 4C is the most powerful unit on the market based on advanced inverter technology. With 120 A at 60% duty cycle at 40 °C, it is the ideal solution for intensive applications up to 40 mm thickness. This superior performance and the quick torch connection also allows it to be used for automatic applications. The digital display provides a precise and repeatable control of the cutting parameters to achieve the maximum quality.



## DIGITAL CONTROL AND DIGITAL DISPLAY ADVANTAGES

- Repeatability of the parameters.
- Precise current and pressure control.
- Possibility to display the machines parameters, such as internal temperature or primary supply voltage for total control of the process.
- Easy interface and messages from the machine for warning purpose assuring high safety and reliability.

## PRESTOJET 4C - Front panel



1. Digital display.
2. Setting knob.
3. Reset button.
4. LEDs of operating mode.
5. On/Off switch.

## PRESTOJET 4C

### Product features

- Lightweight (35 kg).
- Cuts up to 40 mm.
- Perfect quality cut due to patented consumables.
- Quick connection torch for easy maintenance.
- Gouging position.
- Digital display for ease of use.
- Heavy duty cycle 60% at 40 °C.
- Automatic version.

Technical characteristics		<b>PRESTOJET 4C</b>
Primary input	Input voltage 3 phases	400 V +/- 10% - 50/60 Hz
	Max. input current	40.3 A
Output	Cutting current	10 - 120 A
	Duty cycle at 40 °C 400 V	120 A at 60%
		100 A at 100%
Compressed air		5 bars - 200 l/min
Protection index		IP 23S
Insulation class		H
Standards		EN 60974-1 ; EN 60974-7 ; EN 60974-10
Dimensions (l x w x h)		720 x 310 x 430 mm
Net weight		35 kg
<b>To order</b>		
<b>Package including</b> a power source, a torch 6 m, a 3 m earth cable with clamp, a 5 m air cable, a set of wear parts, a 6 m primary cable		P970120206
PRESTOJET 4C without torch		P000021746
PRESTOJET 4C automatic package*		P000026245
Torch JET CP 4.0C - 6 m		P000478122
Torch JET CP 4.0C - 15 m		P000478124
<b>Wear parts for JET CP 4.0C</b>		
	FL electrode	P000478024
	C electrode	P000478028
	L 1.2 nozzle	P000478066
	C 1.6 nozzle	P000478056
	Drag skirt	P000478104
	Distance skirt	P000478106
	Skate 12 A	P000478082
	Wrench	P000024278
<b>Adds-ons</b>		
	Cutting compass	P000478000
	Wear parts box	P000478120
	Trolley	P000021264
	Trolley for on site works (folding)	P000026347

\*Delivered with a 15 m torch OCP 100.





- Maximum power
- Minimum weight
- Central connection for the torch

## PLASMA TROLLEY

Cat n°: P000026347

Trolley for on site works (folding) allows the easy transportation of the power source



Cat n°: P000021264

A trolley is also available for easier transportation and to store all accessories.



**O. RING NOZZLE**  
Cat n°: /

## WEAR PARTS BOX

Cat n°: P000478120



2004-686



**ELECTRODE FL**  
Cat n°: P000478024

2007-121



**ELECTRODE C**  
Cat n°: P000478028

2005-034



**ELECTRODE L**  
Cat n°: P000478026

2008-031



**NOZZLE FL 0.65**  
Cat n°: P000478102  
**NOZZLE FL 0.8**  
Cat n°: P000478062  
**NOZZLE L 1.0**  
Cat n°: P000478064  
**NOZZLE L 1.2**  
Cat n°: P000478066

2007-121



**NOZZLE C 1.0**  
Cat n°: P000478050  
**NOZZLE C 1.2**  
Cat n°: P000478052  
**NOZZLE C 1.4**  
Cat n°: P000478054  
**NOZZLE C 1.6**  
Cat n°: P000478056

2004-685



**GOUGING NOZZLE G 2.2**  
Cat n°: P000478116

2007-121



**SKIRT DRAG 120 A**  
Cat n°: P000478104

2007-121



**SKIRT DISTANCE 120 A**  
Cat n°: P000478106  
**SKATE 120 A**  
Cat n°: P000478108

2009-124



**SKIRT ARC PROTECTED**  
Cat n°: P000478110

2010-101



**BEVELING SKIRT**  
Cat n°: P000478112

2007-993



**SKIRT FOR GOUGING 120 A**  
Cat n°: P000478032

2007-993



**SKATE FOR GOUGING 120 A**  
Cat n°: P000478118

**Drag cutting from 0.1 to 8 mm**

**Distance cutting from 1 to 40 mm**

**Plasma gouging**

## PLASMAJET 2C and 4C - 3 ph industrial cutters



With this machine using proven traditional technology, cutting is simpler and safer than ever. Delivered ready to use with cutting torch, air hose and wear parts starting set.

The selection of one of the 3 steps allows cutting up to 25 mm on carbon steel. Its heavy duty cycle 40% at 40 °C makes it suitable for intensive applications. And the IP 23 protection index indicates that this unit is suitable for outdoor use.

### PLASMAJET 2C

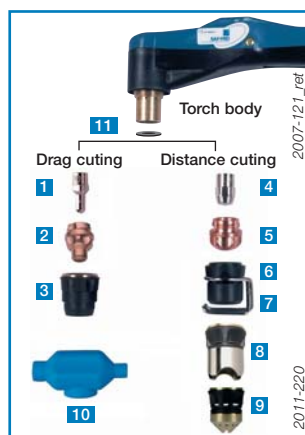
#### Product features

- Powerful: 80 A with 40% at 40°C duty cycle.
- 3 steps to simplify the selection of the right current according to the thickness to be cut.
- Maximum quality and safety with the patented torch.
- Drag cutting up to 8 mm for maximum quality.
- Delivered ready to use.
- IP 23 for use on outdoor sites.
- 4 wheels and a strong design for intensive industrial use.
- Central connector for easy connection.

Technical characteristics		PLASMAJET 2C
Primary input	Input voltage 3 phases	220/230/380/400 V - 50-60 Hz
	Max. input current	49/47/28.5/27 A
Output	Cutting current	30 - 50 - 80 A
	Duty cycle at 40 °C 400 V	80 A at 40%
		50 A at 80%
	30 A at 100%	
Compressed air		5 bars - 180 l/min
Protection index		IP 23
Insulation class		H
Standards		EN 60974-1 ; EN 60974-7 ; EN 60974-10
Dimensions (l x w x h)		500 x 855 x 755 mm
Net weight		80 kg
<b>To order</b>		
<b>Package including</b> a power source, a torch 6 m, a 3 m earth cable with clamp, a 5 m air cable, a set of wear parts, a 6 m primary cable		W000275985
Torch JET CP 4.0C - 6 m		W000274854
Torch JET CP 4.0C - 15 m		W000274855
<b>Wear parts for JET CP 4.0C</b>		
1	FL electrode	W000302575
2	L 1.2 nozzle	W000302568
3	Skirt for drag cutting	W000302668
4	C electrode	W000302576
5	C 1.4 nozzle	W000302524
6	Skirt for distance cutting	W000302667
7	Skate 120 A	W000302666
8	Skirt arc protected	W000271310
9	Skirt beveling	W000274878
10	Wrench	W000302578
11	O. ring nozzle	W000269523
<b>Adds-ons</b>		
	Cutting compass	W000302512
	Wear parts box	W000277615



**2**  
WARRANTY  
YEARS



### WEAR PARTS BOX

Cat n°: P000478120



### TRANSFORMER TECHNOLOGY ADVANTAGES

- Reliable due to its power circuit, without electronic components.
- Easy to repair.
- Easy to use and to set with the current step selector.





Cutting capacity up to 40 mm thick carbon steel with 50% duty cycle at 40°C makes this unit a unique combination of power, reliability and simplicity.

The transformer technology, coupled to the new JET CP, assures the best cutting quality at a very attractive price.

## PLASMAJET 4C

### Product features

- High cutting capacity: 40 mm with 120 A.
- High duty cycle: 50% at 40 °C.
- 4 steps for setting the current according to the thickness to cut.
- IP 23 for indoor and outdoor applications.
- High quality cut with drag cutting nozzles.
- Delivered ready to use with 6m torch, air hose, primary cable, earth cable, starting set of wear parts.
- Central connector for easy connection.

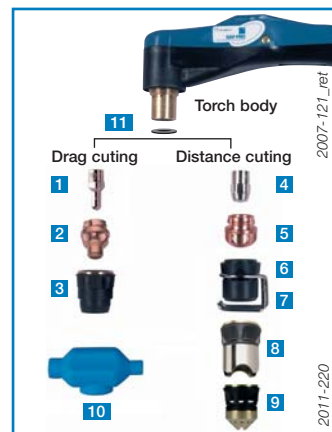
**3**  
WARRANTY  
YEARS



### NEW DESIGN

- A** 4 wheels for indoor and outdoor use.
- B** Rubber frame for shock prevention.
- C** Air filter regulator protection.

Technical characteristics		PLASMAJET 4C
Primary input	Input voltage 3 phases	220/230/380/400 V - 50-60 Hz
	Max. input current	74/71/42/40 A
Output	Cutting current	30 - 50 - 85 - 120 A
	Duty cycle at 40 °C 400 V	120 A at 50%
		85 A at 75%
	50 A at 100%	
Compressed air		5.5 bars - 220 l/min
Protection index		IP 23
Insulation class		H
Standards		EN 60974-1 ; EN 60974-7 ; EN 60974-10
Dimensions (l x w x h)		500 x 855 x 755 mm
Net weight		125 kg
<b>To order</b>		
Package including	a power source, a torch 6 m, a 3 m earth cable with clamp, a 5 m air cable, a set of wear parts, a 6 m primary cable	P970120210
Torch JET CP 4.0C - 6 m		P000478122
Torch JET CP 4.0C - 15 m		P000478124
<b>Wear parts for JET CP 4.0C</b>		
<b>1</b>	FL electrode	P000478024
<b>2</b>	L 1.2 nozzle	P000478066
<b>3</b>	Skirt for drag cutting	P000478104
<b>4</b>	C electrode	P000478028
<b>5</b>	C 1.4 nozzle	P000478054
<b>6</b>	Skirt for distance cutting	P000478106
<b>7</b>	Skate 120 A	P000478108
<b>8</b>	Skirt arc protected	P000478110
<b>9</b>	Skirt beveling	P000478112
<b>10</b>	Wrench	P000478082
<b>11</b>	O. ring nozzle	P000478100
<b>Adds-ons</b>		
	Cutting compass	P000478000
	Wear parts box	P000478000



### WEAR PARTS BOX

Cat n°: P000478120



### PLASMAJET 4C - Front panel



1. On/Off switch.
2. Protection on.
3. Insufficient pressure.
4. Reset button.
5. Shield cup disconnected.

## NERTAJET 50



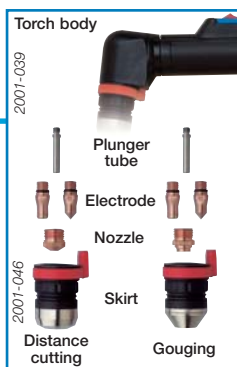
The NERTAJET 50 belongs to the top of the plasma cutting range. With its 100% duty cycle up to 150 A, it is possible to cut a 50 mm thickness. In addition, this power source can be used for automatic applications with the adapted liquid cooled torch.

One of the several advantages is the possibility to use an Argon-Hydrogen mix to cut stainless steel and aluminium with the maximum quality. An efficient set for plasma gouging is also available.

### NERTAJET 50

#### Product features

- 150 A at 100% to cut up to 50 mm.
- Built-in liquid cooling unit.
- Possibility to cut with compressed air, Nitrogen and Argon/Hydrogen for maximum quality.
- Double flux to protect the cutting zone.
- Gouging option.
- Automatic cycle version available.



Technical characteristics		<b>NERTAJET 50</b>
Primary input	Input voltage 3 phases	230/400/415/440 V - 50-60 Hz
	Max. input current	108.8/62.6/60.3/56.9 A
Output	Cutting current	20 - 40 - 60 - 100 - 150 A
	Duty cycle at 40 °C 400 V	150 A at 100%
Cooling		water
Compressed air		6 bars - 170 l/min
Protection index		IP 23
Insulation class		H
Standards		EN 60974-1 ; EN 60974-10 ; EN 60974-7
Dimensions (l x w x h)		1 170 x 710 x 1 200 mm
Net weight		260 kg
<b>To order</b>		
Power source only		P000024315
Package air including	a power source, a torch 6 m, a 3 m earth cable with clamp, a 5 m air cable, a set of wear parts, protection kit	P970120212
Package Ar/H <sub>2</sub> & N <sub>2</sub> including	a power source, a torch 6 m, a 3 m earth cable with clamp, a 5 m air cable, a set of wear parts, protection kit	P970120214
	Plunger tube	P000019092
	Key NERTAJET 50	P150850110
	Electrode Air	P150850124
	Electrode N <sub>2</sub>	P150850126
	Electrode Ar/H <sub>2</sub>	P150850122
	Nozzle 40 A	P150850118
	Nozzle 60 A	P150850120
	Nozzle 100 A	P150850112
	Nozzle 150 A	P150850114
	Nozzle for gouging	P000024241
	Skirt P flat	P000024242
	Skirt C conical	P000024243
<b>Adds-ons</b>		
	Wear parts box air	P000024263
	Wear parts box Ar/H <sub>2</sub> and N <sub>2</sub>	P000024264



#### NERTAJET 50 Front panel

1. Red warning LEDs.
2. Process selection: cutting, sheet perforation, gouging.
3. Green LEDs: for powering with 3 phases.
4. Current range selector.
5. Push buttons for gas test.
6. Pressure gauges: arc pilot gas/cutting gas.

#### Trigger's positions.



The standard position of the trigger is in the front part of the torch for precision cutting.



+/- 45° torch head rotation for bevel cutting or gouging.



One movement slide back of the trigger to protect the hand from heating during maximum intensity applications.



Double action trigger for maximum safety.

## Options and accessories



### Longer torches



**Torch JET CP 40C - 15 m for PLASMAJET 2C, 4C and PRESTOJET 4C** Cat n°: P000478124

**Torch CP 2.5 - 12 m for PRESTOJET 2** Cat n°: P000478088

### Plasma trolley

Cat n°: P000026347



Cat n°: P000021264



### Automatic torch



**Simple version OCP100S CC - 10 m**  
For machines with central connector - Cat n°: P000026143

### Compass for all torches



Cat n°: P000478000

### Complete wear part list

PN	Description	PRESTOJET 1K	PRESTOJET 1	PRESTOJET 2	PRESTOJET 4C	PLASMAJET 2C	PLASMAJET 4C	NERTAJET 50
P000478084	DIFFUSER	✓	✓					
P000478022	ELECTRODE	✓	✓					
P000022547	ELECTRODE LONG	✓	✓					
P000478080	SKIRT TN	✓	✓					
P000478078	SKIRT TI	✓	✓					
P000478058	NOZZLE 0.65	✓	✓					
P000478060	NOZZLE 0.8	✓	✓					
P000022546	NOZZLE LONG 0.8	✓	✓					
P000478028	ELECTRODE C			✓	✓	✓	✓	
P000478024	ELECTRODE FL			✓	✓	✓	✓	
P000478026	ELECTRODE L			✓	✓			
P150850124	ELECTRODE AIR							✓
P150850126	ELECTRODE NITROGEN							✓
P150850122	ELECTRODE Ar/H <sub>2</sub>							✓
P000478102	NOZZLE FL 0.65			✓	✓			
P000478062	NOZZLE FL 0.8			✓	✓	✓	✓	
P000478064	NOZZLE L 1.0			✓	✓	✓	✓	
P000478066	NOZZLE L 1.2			✓	✓	✓	✓	
P000478050	NOZZLE C 1.0			✓	✓	✓	✓	
P000478052	NOZZLE C 1.2			✓	✓	✓	✓	
P000478054	NOZZLE C 1.4				✓	✓	✓	
P000478056	NOZZLE C 1.6				✓			
P000478114	NOZZLE C 1.8						✓	
P150850118	NOZZLE 40 A							✓
P150850120	NOZZLE 60 A							✓
P150850112	NOZZLE 100 A							✓
P150850114	NOZZLE 150 A							✓
P000478116	NOZZLE GOUGING G 2.2				✓			
P000478096	NOZZLE GOUGING G 2.0			✓				
P000024241	NOZZLE FOR GOUGING Z5.0							✓
P000478092	SKIRT TN			✓				
P000478094	SKIRT TI			✓				
P000478106	SKIRT DISTANCE TI 120 A				✓	✓	✓	
P000478104	SKIRT DRAG TN 120 A				✓	✓	✓	
P000478032	SKIRT FOR GOUGING 120A CP				✓			
P000024242	SKIRT P							✓
P000024243	SKIRT C							✓
P000478048	SKATE FOR SKIRT TN			✓				
P000478108	SKATE SKIRT CP4				✓	✓	✓	
P000478098	SKATE FOR GOUGING CP 2.5		✓					
P000478118	SKATE FOR GOUGING CP 4				✓			
P000478082	KEY FOR JET CP TORCH			✓	✓	✓	✓	
P000478110	SKIRT ARC PROTECTED				✓	✓	✓	
P000478112	SKIRT FOR BEVELING				✓	✓	✓	
P000478112	KEY WRENCH FOR CPT 800	✓✓						