



ESP150

For heavy duty plasma cutting and gouging

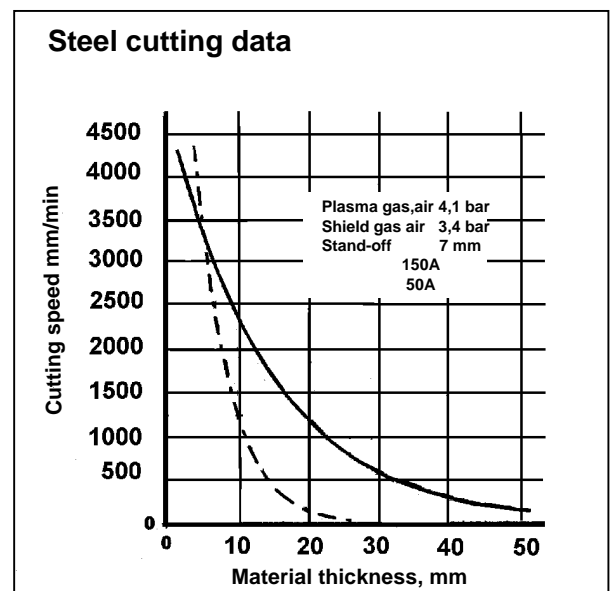
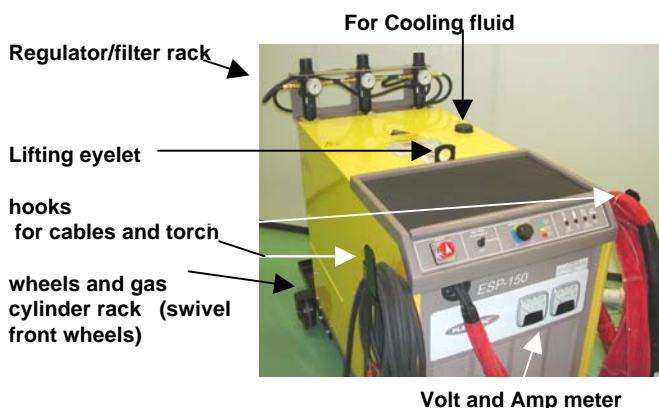
You have to see it to believe it!

If you need powerful, fast and efficient cutting up to 50mm - then this is a unit for you

- Great productivity - high speed cutting of most metals from thin to 50mm thick plate
- Ideal for heavy duty plasma gouging
- Great variation - adjustable output - 25 to 150 amps
- Built-In Water Cooler - simplifies maintenance, less hook up, no wiring issues, no extra hoses. Water flow is controlled with power supply
- Powerful and sturdy, Water cooled PT 26 Torch
- Cuts with compressed air, nitrogen, argon-hydrogen mixtures or nitrogen-hydrogen mixtures
- Built-In CNC interface provides easy connection of automation applications
- Torch design provides long tip life by minimising the possibility of double-arcing
- Torch wear part kit supplied with each unit - ample supply of spare parts to minimise downtime
- Thermal overload switches - prevents damage if unit overheats due to insufficient air flow
- Line voltage compensation
- Automatic intermittent cutting - additional capability, permits continuous cutting of grates, expanded metal, heavy screen material, etc.
- Wheels, lifting eyelet, hose hooks and cylinder rack - all provided standard for portability and greater utilisation
- Rack with 3 regulator/filters, for setting start gas, plasma gas and cooling gas air pressures.



The ESP150 is delivered with torch - PT26, 70 degree angle.
Leather sheath fitted on torch hose, included as standard, - protects torch leads from abrasion and molten metal.



Technical data

ESP150

Mains voltage	400/415 V 3~ 50 Hz
Permitted load, at 40°C	
90% duty cycle	150 A / 120 V
100% duty cycle	140 A / 120 V
Setting range (DC)	25 - 150A
Open circuit voltage	370 V
Open circuit power	400 W
Fuse, time lag	63A
Dimensions l x w x h	1016 x 552 x 800 mm
Weight	308 kg (756lbs)
Operating temperature	-10 till +40°C
Enclosure class	IP 21
Application classification	S
minimum, shield air, supply	94 l/min at 6 bars
minimum, shield air, supply	112 l/min at 5,6 bars

Description

ESP150 package with 7,6m Torch

Item number

0558 003 472

PT26 Torches

Torch PT26 70°, 7,6m- best for gouging	0558 002 208
Torch PT26 70°, 15m- best for gouging	0558 002 209
Torch PT26 90°, 7,6m best for cutting	0558 002 204
Torch INLINE 7,6m	0558 002 320
Torch INLINE 15m	0558 002 321

PT26 Torch accessories

Plasmit torch head protector (for gouging)	0558 003 797
Wear part kit 150A	0558 002 864
Torch holder 50,8mm (2 inches) for INLINE	0558 002 985
Torch rigging kit	0558 003 186
Flow meter	0558 000 739
Remote hand switch	0558 003 796
Cooling fluid	0007 810 012

PT26 90° manual torch



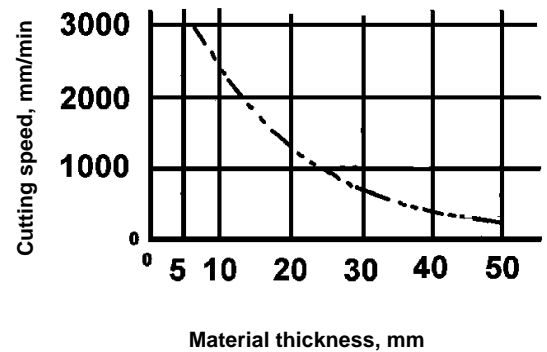
PT26 INLINE torch for mechanisation

Torches

A PT26 7,5 m torch is included with this package. The torch is also optionally available in 15m length. The PT26 also comes in versions for mechanised cutting "PT26 INLINE". INLINE versions are available in 7,6 and 15m lengths

Aluminium cutting data

— - 150A H35 Plasma gas



Electrode Holder¹⁾
0558 003 707

Baffle Tube 0558 003 710

Insulator¹⁾ 0558 003 711
Swirl baffle for INLINE
0558 003 583

Electrode compressed air, Nitrogen or Nitrogen/Hydrogen
0558 003 722
Electrode Argon/Hydrogen (H-35)
0558 003 723

Cutting Nozzle 50A¹⁾ 0558 003 716
Cutting Nozzle 150A¹⁾ 0558 003 717
Gouging nozzle 200A¹⁾ 0558 003 718

Heat Shield 0558 003 714
Heat Shield *Close Proximity 0558 003 715
Shield cup INLINE 0558 003 582

Stand off guide
0558 003 713

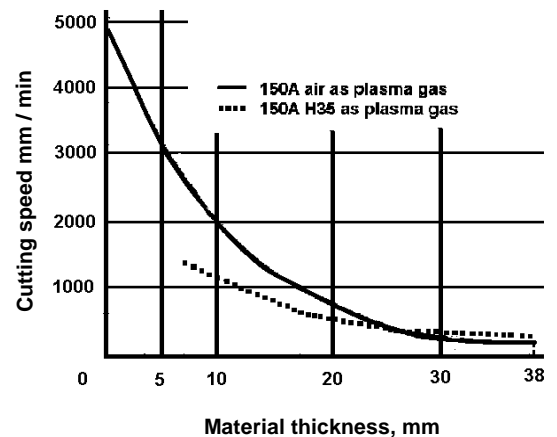
¹⁾ includes O-ring(s)

* For use when cutting or gouging in close proximity of workpiece. Standard on In-line version.

Delivery content: PT26 manual torch 70° 7,6m long, Rack with 3 regulators/filters, wheel kit and gas shelf, cooling fluid, return cable with clamp, connections, large wear part kit and cable wind hooks.

The right is reserved to alter specifications.

Stainless steel cutting data



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