

# Plasma Cutting Torches “ABIPLAS® CUT” air cooled

## Rating up to 150 A

- ☒ Robust design and optimum cooling guarantee long torch and consumable life
- ☒ Quickly exchangeable consumables (including insulator) – easy handling
- ☒ Handle with extended trigger offering increased distance between plasma jet and hand facilitating safer and fatigue free working
- ☒ Large range of consumables, equipment and accessories – for all cutting tasks

ABIPLAS® CUT 150



ABIPLAS® CUT 150 MT



ABIPLAS® CUT 150

ABIPLAS® CUT 150 MT

Technical data (EN 60 974-7):

Type of cooling:	air cooled
Pilot current:	15–27 A (max. 29 A)
Rating:	150 A (at 60 % Duty cycle) 120 A (at 100 % Duty cycle)
Type of gas:	Compressed air
Gas flow:	approx. 235 l/min.
Working pressure:	5–5.5 bar
Air value defined with nozzle size 1.8 mm:	
– Plasma air:	approx. 39 l/min.
– Soft start air:	≥ 15 l/min.
Gas post flow:	≥ 60 sec.
Type of ignition:	HF
Gas supply:	Compressed air both for plasma and cooling gas
Ignition voltage:	7 kV
Cutting thickness:	max. 55 mm at 150 A depending on material to be cut and power source

Torch complete		Part-No.
Type	Connector	6 m <sup>1</sup>
ABIPLAS® CUT 150	Single connector G1/4"	757.D001
ABIPLAS® CUT 150	Central connector	757.D023
ABIPLAS® CUT 150 MT	Single connector G1/4"	757.D029
ABIPLAS® CUT 150 MT	Central connector	757.D033













Torch body		Part-No.
Type		
ABIPLAS® CUT 150		757.D020
ABIPLAS® CUT 150		757.D020
ABIPLAS® CUT 150 MT		757.D028
ABIPLAS® CUT 150 MT		757.D028

<sup>1</sup> Other lengths on request.

<sup>2</sup> For user's safety, please pay attention that the power source is equipped with a central socket corresponding to EN 60 974-1. In case of order, please indicate the machine type and the plug encoding.

# ABIPLAS® CUT 150, ABIPLAS® CUT 150 MT

## Wear parts

Insulator (1 pc.)		757.D032		
Electrode (5 pcs.)		Standard 757.D008		long 757.D017
Swirl ring (2 pcs.)		757.D060		
Nozzle (5 pcs.)		Standard		Gouging nozzle
				long cross groove
Ø 1.2 mm / 50 A		–		757.D016
Ø 1.2 mm / 70 A		757.D037		–
Ø 1.5 mm / 70–90 A		757.D009		–
Ø 1.6 mm / 90–120 A		757.D010		–
Ø 1.8 mm / 120–150 A		757.D011		–
Gouging nozzle		–	757.D015	–
Shield cap (1 pc.)		757.D091		
Spatter guard (1 pc.)		757.D092		
Distance holder <sup>1</sup> (2 pcs.)		Distance spring	745.D012	
			–	–
Distance holder <sup>1</sup> (1 pc.)		Bevel cutting nozzle	757.D090	
			–	–
Distance holder <sup>1</sup> (1 pc.)		Perforation cap	757.D098	
			–	–

<sup>1</sup> Only for manual torches.