

# Plasma cutting torches "ABIPLAS® CUT"

Air cooled • rating up to 110 A

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

ABIPLAS® CUT 110

ABIPLAS® CUT 110 MT

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### Technical data (EN 60 974-7):

Type of cooling:	air cooled
Pilot current:	15–25 A (max. 27 A)
Rating:	110 A (at 60% Duty cycle) 90 A (at 100% Duty cycle)
Type of gas:	Compressed air
Gas flow:	approx. 180 l/min.
Working pressure:	5–5.5 bar
Air valve defined with nozzle size 1.4 mm:	
– Plasma air:	approx. 30 l/min.
– Soft start air:	≥ 15 l/min.
Gas post flow:	≥ 60 s
Type of ignition:	HF
Gas supply:	Compressed air both for plasma and cooling gas
Ignition voltage:	7 kV
Cutting thickness:	max. 40 mm at 110 A depending on material to be cut and power source

Torch complete		Part-No.
Type	Connector	6 m <sup>1</sup>
ABIPLAS® CUT 110	Single connector G1/4"	745.D001
ABIPLAS® CUT 110	Central connector <sup>2</sup>	745.D048
ABIPLAS® CUT 110 MT	Single connector G1/4"	745.D035
ABIPLAS® CUT 110 MT	Central connector <sup>2</sup>	745.D059

<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.

Torch body		Part-No.
Type		
ABIPLAS® CUT 110		745.D025
ABIPLAS® CUT 110		745.D025
ABIPLAS® CUT 110 MT		745.D051
ABIPLAS® CUT 110 MT		745.D051