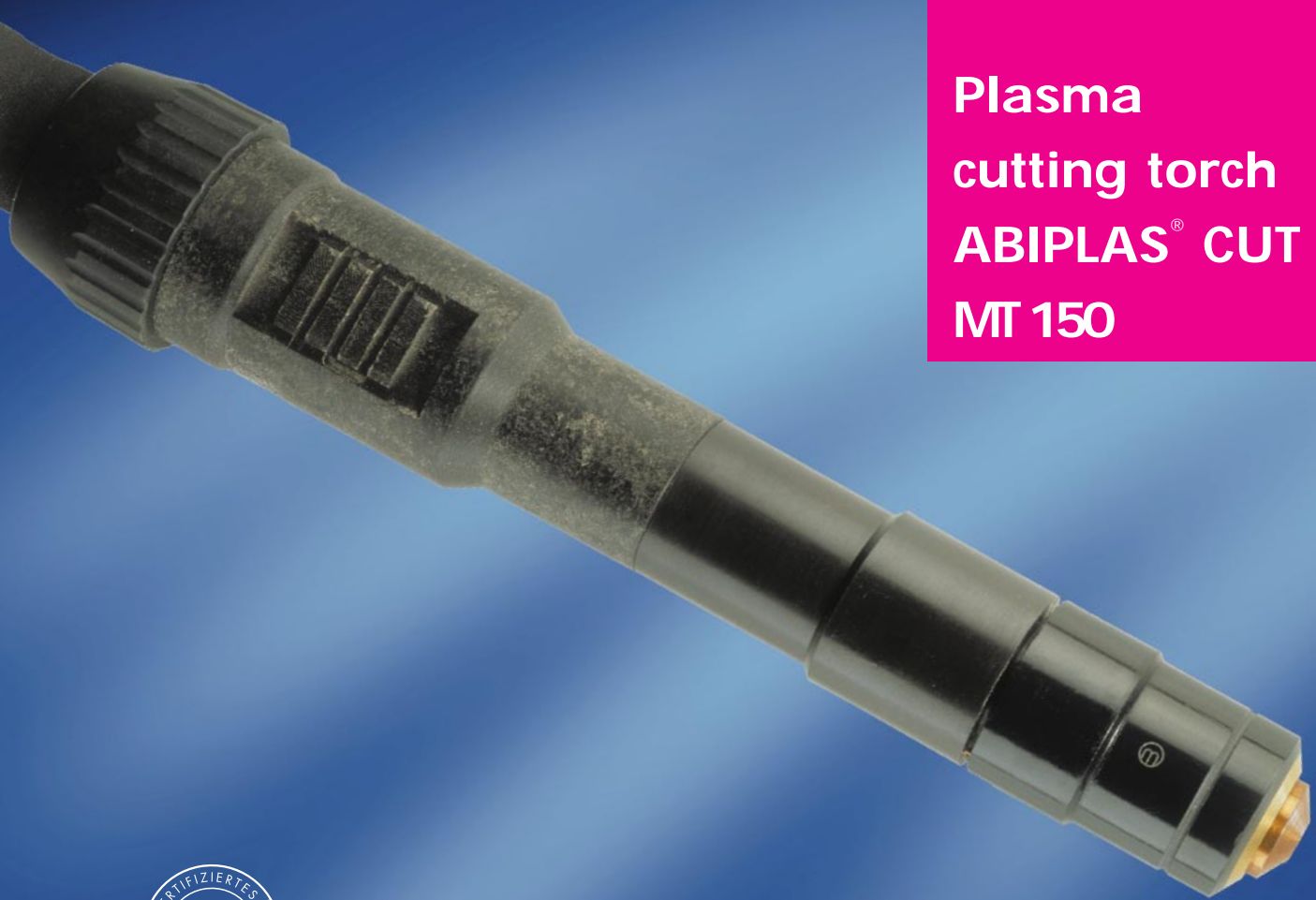


Plasma cutting torch ABIPLAS[®] CUT MT 150



**The plasma
cutting torch
for all
individual tasks**

Machine cutting torches ABIPLAS[®] CUT are applicable for plasma cutting with compressed air used both as plasma and cooling gas in all usual cutting jobs.

Due to the large range of nozzles and electrodes as well as different accessories these torches can be used in a wide field of application.

Technical data according to EN 60 974-7:

Rating:	150 A at 60 % duty cycle 120 A at 100 % duty cycle
Gas supply:	Compressed air both for plasma and cooling gas Gas pressure 4.8 - 7 bar Working pressure 5.5 bar Required volume 235 l/min at 5.5 bar Gas post flow: ca. 60 sec
Ignition voltage:	7 kV
Cutting thickness:	max. 55 mm at 150 A max. 45 mm at 120 A depending on material to be cut and power source

Type	Description	Part N°
ABIPLAS[®] CUT MT 150; 6 m, SC G¹/₄ rubber cable support	Machine cutting torch with single connector with rubber cable support	757.D029
ABIPLAS[®] CUT MT 150; 6 m, SC G¹/₄ spring cable support	Machine cutting torch with single connector with spring cable support	757.D026
ABIPLAS[®] CUT MT 150; 6 m, CC rubber cable support	Machine cutting torch with central connector*) with rubber cable support	757.D033
ABIPLAS[®] CUT MT 150; 6 m, CC spring cable support	Machine cutting torch with central connector*) with spring cable support	757.D034

In case of order, please indicate the plug encoding.

*) For user's safety, please pay attention that the power source is equipped with a central socket corresponding to EN 50 192.

Welding and cutting brought to the point.



Components	Pos.	Description	Specifications	Part N°
Consumables	2	Shield cap		757.D042
	3	Nozzle cross groove long D=1.2/50 A	5 pcs.	757.D016
	4.1	Nozzle D=1.2/70 A	5 pcs.	757.D037
		Nozzle D=1.5/70-90 A	5 pcs.	757.D009
		Nozzle D=1.6/90-120 A	5 pcs.	757.D010
		Nozzle D=1.8/120-150 A	5 pcs.	757.D011 •
	4.2	Gouging nozzle	5 pcs.	757.D015
	5	Swirl ring ABIPLAS® 150	2 pcs.	757.D007
	6	Electrode long	5 pcs.	757.D017
	7	Electrode	5 pcs.	757.D008 •
8	O-ring	5 pcs.	165.D018	
9	Insulator		757.D014	
		• standard completion		
		- Marking of nozzles: 15/xx = ABIPLAS® CUT 150/nozzle diameter		
Torch body	10	Torch body ABIPLAS® 150 (pos. 10 includes pos. 8 and 9)		757.D028
Handle tube	20	Handle tube MT		752.0311
	20.1	Cap nut		400.0137
	30	Cable support spring		500.0233
Cable assembly - single connector G¹/₄	40	Cable assembly MT 150 SC		757.D031
	40.1	Outer cover		107.D005
	40.2	Power-air-cable		116.D004
	40.3	Pilot wire per m		100.0074
	40.31	Cable eye M4	20 pcs.	175.D045
	40.32	Cable eye M6	20 pcs.	175.0039
	40.4	Trigger wire double-pole, per m		100.0019
	40.41	Cable eye	20 pcs.	175.0033
	40.42	Insulating sleeve	20 pcs.	400.0119
Cable assembly - central connector	40	Cable assembly MT 150 CC, rubber cable support		757.D045
		Cable assembly MT 150 CC, spring cable support		757.D050
	40.1	Outer cover (cpl. incl. pos. 20.1, 73, 75)		107.D009
		Outer cover (cpl. incl. pos. 20.2, 73, 75)		107.D014
	40.2	Power-air-cable		116.D004
	40.3	Pilot wire per m		100.0074
	40.31	Cable eye for M4	20 pcs.	175.D045
	40.4	Trigger wire double-pole, per m		100.0019
	40.41	Cable eye	20 pcs.	175.0033
	40.42	Insulating sleeve	20 pcs.	400.0119

Components	Pos.	Description	Specifications	Part N°
	61	Contact pin	20 pcs.	243.0053
	62	Stranded wire single-pole, per m		100.D001
	71	Cable support case, small		500.0216
	72	Cable support cover		500.0217
	73	Cable support spring ERGO dia. 25		500.0227
	75	Seal ring dia. 31		400.0297
	76	Cylindrical nut M4x6	20 pcs.	000.0552
	77	Connector nut M32x2		501.2250
	78	Intermediate ring		771.0502
	79	Cap 2	20 pcs.	500.0362
	81	Adapter		243.0050
	82	Sleeve		243.0054
	83	Hexagonal nut G ¹ / ₄		243.0051

Accessories

41	Set of shrink hoses (required when replacing pos. 10, 40, 40.xx)		742.D021
50	Mounting complete		745.D052
50.1	Torch support CUT 110		836.0006
50.2	Clamp sleeve ø 31		742.D053

Connectors/ Lengths

Connection adapters for differing machine connectors are available upon request.
Standard length 6.0 m; other lengths available upon request.

Safety circuit

For safety reasons, the trigger wire connectors on machine side for torches with single connector are delivered without connecting plug.

The safety circuit depends on machine configuration and shall be observed in any case.

Welding and cutting brought to the point.



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