

TIG Welding Torches "ABITIG® MT" with cold wire feed

- The ABITIG® Cold Wire Feeding can be perfectly adjusted to any application due to the three-dimensional positioning and the individually exchangeable feeding nozzles, adjusted to the wire electrode diameter.

- Precise, easy three-dimensional positioning of the cold wire feeding
- Higher welding speeds compared to the manual feeding of welding material
- Exact welding wire feeding



The ABITIG® MT Cold Wire feeding
Rugged version for the automatic operation retro-fittable. ABITIG® MT 500 W optional with liquid cooled guide tube.

ABITIG® 200 MT

Technical data (EN 60 974-7):

Type of cooling:	air cooled
Rating:	200 A DC 140 A AC
Duty cycle:	35%
Tungsten electrodes:	Ø 1.6–3.2 mm

ABITIG® 260 W MT

Technical data (EN 60 974-7):

Type of cooling:	liquid cooled
Rating:	260 A DC 180 A AC
Duty cycle:	100%
Tungsten electrodes:	Ø 1.0–3.2 mm

ABITIG® 300 W MT

Technical data (EN 60 974-7):

Type of cooling:	liquid cooled
Rating:	300 A DC 210 A AC
Duty cycle:	100%
Tungsten electrodes:	Ø 1.6–4.8 mm

ABITIG® 400 W MT

Technical data (EN 60 974-7):

Type of cooling:	liquid cooled
Rating:	400 A DC 280 A AC
Duty cycle:	100%
Tungsten electrodes:	Ø 1.6–4.8 mm

ABITIG® 500 W MT

Technical data (EN 60 974-7):

Type of cooling:	liquid cooled
Rating:	500 A DC 350 A AC
Duty cycle:	100%
Tungsten electrodes:	Ø 1.6–6.4 mm

“ABITIG® MT” with cold wire feed

TIG Machine Welding Torches ABITIG® MT with cold wire feed

Type		Part-No.		
		1.5 m	3.0 m	4.0 m
ABITIG® 200 MT	with cold wire feed ²	-	-	525.1015
ABITIG® 260 W MT	with cold wire feed ²	525.1016	525.1017	525.1018
ABITIG® 300 W MT	with cold wire feed ²	525.1021	525.1022	525.1023
ABITIG® 400 W MT	with cold wire feed ²	525.1024	525.1025	525.1026
ABITIG® 500 W MT	with cold wire feed ²	525.1040.1	525.1041.1	525.1042.1

² incl. cold wire feeding tip 1.0 mm

Wear parts

Cold wire feeding tip

ABITIG® MT

(5 pcs.)

Ø 0.8 mm		967.0329
Ø 1.0 mm		967.0330
Ø 1.2 mm		967.0331
Ø 1.6 mm		967.0332

Cold wire feeding

ABITIG® MT	Cold wire feeding tube for ABITIG® MT 260 W / 300 W / 400 W	779.6513.1
	Cold wire feeding tube for ABITIG® MT 500 W	967.0326
	optional: Cold wire feeding tube for ABITIG® MT 500 W - liquid cooled	779.6505

Wire guides

Carbon PTFE core liner 2.0/4.0; Wire-Ø 1.0 - 1.2; for 4.00 m	127.0007
Polyamid core liner 2.0/4.0; Wire-Ø 1.0 - 1.2; for 4.00 m	128.0015
Polyamid core liner 2.0x4.0; Wire-Ø 1.6; for 6.00 m	128.0017
Polyamid core liner 2.3x4.7; Wire-Ø 1.6; for 6.00 m	128.0037

Component kits

Backfitting kits

Cold wire feeding cpl. for ABITIG® MT 260 W / 300 W / 400 W ³	779.6514.1
Cold wire feeding cpl. for ABITIG® MT 500 W ³	779.6500

³ incl. cold wire feeding tip 1.0 mm

Wire conduit kit ABIDRIVE (L = 6.00 m) incl. fastening material applicable for all retrofit kits	525.1014
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Accessories

Torch mounts

MT-25 for ABITIG® MT 260 W / 400 W	780.0222
MT-30 for ABITIG® MT 300 W	780.0145
MT-35 for ABITIG® MT 500 W	780.0292