

MIG/MAG-Welding Torch Push-Pull *Plus*



The "long-range torch" with the *Plus* ...

The welding torches of the Push-Pull *Plus* series – especially developed for aluminium welding requirements and the use of thin wires – makes problem-free and constant wire feed possible, even with longer cable assemblies. A powerful sturdy pull motor with potentiometer guarantees exact speed regulation. For an optimum wire feed without frictional loss, the contact pressure of the feeding rollers can be regulated precisely and easily directly on the handle. The ergonomic handle ensures optimum and low-fatigue handling.

The screw-type torch necks can be replaced quickly. They are available as either straight or 45° angled versions. A special interface between the handle and the torch neck makes it possible to turn the necks by up to 360°. All torches, air and liquid-cooled for capacities of up to 400 A, are based on the tried-and-trusted "MB" torch neck structure.

The main areas of application for these welding torches include shipbuilding, container and tank manufacture etc., as well as in construction of automobile and railway vehicles. Wherever exact and constant wire feeding is absolutely essential.

The Features:

- Constant and problem-free wire feeding thanks to a powerful pull motor
- Precise contact pressure regulation of the wire feeding rollers directly on the torch
- Optionally available with potentiometer for speed regulation
- Wearing parts are identical to those of the tried-and-trusted MB torch series – minimised stocking
- Optimum torch cooling – long tool lives
- Sturdy design – long service life



MIG/MAG-Welding Torch Push-Pull *Plus*

For constant and problem-free wire feeding!

Flexible, short plastic cable support

Wire infeed nipple with sight drilling

Wire drive roll with double groove

Insulated counter-press roll

Easy access due to lift-up cover

Screwable interface between swan neck and torch body

Swan necks with assembled, exchangeable neckliner

Order overview Push-Pull *Plus* Standard

Torch complete Type	Part-No. 8 m	Part-No. Torch neck
Push-Pull <i>Plus</i> 36 D straight, 48 V motor, central adaptor GZ-2	085.0036	085.0007
Push-Pull <i>Plus</i> 36 D 45° bent, 48 V motor, central adaptor GZ-2	085.0037	085.0009
Push-Pull <i>Plus</i> 36 D straight, 48 V motor poti, central adaptor GZ-2	085.0038	085.0007
Push-Pull <i>Plus</i> 36 D 45° bent, 48 V motor poti, central adaptor GZ-2	085.0039	085.0009
Push-Pull <i>Plus</i> 401 D straight, 48 V motor, central adaptor WZ-2	095.0025	095.0002
Push-Pull <i>Plus</i> 401 D 45° bent, 48 V motor, central adaptor WZ-2	095.0026	095.0015
Push-Pull <i>Plus</i> 401 D straight, 48 V motor poti, central adaptor WZ-2	095.0021	095.0002
Push-Pull <i>Plus</i> 401 D 45° bent, 48 V motor poti, central adaptor WZ-2	095.0022	095.0015

The complete torches Push-Pull *Plus* contain the contact tip M8 (E-Cu; Ø 1.2) and gas nozzle, conical (NW Ø 16.0).

Technical Data (EN 60 974-7):

Type	Rating (A)		DC (%)	Wire size (mm)
	CO ₂	Mixed Gases M21		
Push-Pull <i>Plus</i> 36 D air-cooled	300 A	270 A	60	Ø 0.8-1.2
Push-Pull <i>Plus</i> 401 D liquid-cooled	400 A	350 A	100	Ø 0.8-1.6

Simpliest presetting of the pressure by knurled screw

Potentiometer for regulation of the wire feeding speed (optional)



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