



TBi Spool-Gun SP-G



Advantages and Features

- Will fit all common MIG/MAG welding machines
- Long cables for easy use in difficult to reach areas
- Control of the wire feeder through the welding machine or with a separate TBi control unit
- Mobile applications for difficult repairs on the job
- Different torch necks with quick change system available
- Quick conversion for different wires and wire diameters



TBi Control Unit

- 220 V AC / 30 V DC
- Softstart (2 settings)
- Easy setup of the system
- Wire speed adjustable on the torch
- Steady wire feeding even at low speeds

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Technical Data

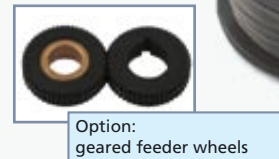
| | |
|---|---|
| Cooling Method | aircooled |
| Duty cycle | 40% (10 min. cycle) |
| Capacity | depending on the torch neck max. 220 A |
| Wire diameter | 0.8 / 0.9 / 1.0 / 1.2 mm |
| Weight (with 1.5 m cable) | approx. 1.30 kg (without wire) |
| Technical specification | according to IEC 60974-7 |
| Torch rating reduced when using pulsed-arc power sources. | |

Highlights

- Changeable swan neck system, optional: special shaped necks
- Cable length up to 20 m
- Remote control (10kΩ) integrated in the handle
- Easy exchange of wire feeder rolls and wire spool

Ordering information

| | | |
|---|----------------------------------|---------------------------------------|
| TBi SP-G | individual connections TSP 10/25 | Please contact us for order numbers.. |
| TBi SP-G | individual connections TSP 35/50 | |
| TBi SP-G | Euro-connection ESG | |
| Standard lengths are 4, 8, 12, 16, 20 m. Custom lengths possible. | | |



Swan neck and control box must be ordered separately.

Special configurations can be made per customer request.

Changeable necks for TBi SP-G

| | Capacity | Type | Part-No.. |
|--|--|---|--|
| TBi 150 DR total length = 200 mm | max. 150 A Mix max. 180 A CO ₂ | TBi 150 DR straight TBi 150 DR, 50° bent suitable consumables: gas nozzle conical, NW 12 mm contact tip ECU, Alu nozzle holder for M6 x 25 mm jump liner for wire-Ø 0.8 - 1.2 mm | 102P001032 102P001029 345P012002 341Pxx1073 102P002037 181P001135 |
| TBi 250 DR total length = 175 mm | max. 200 A Mix max. 220 A CO ₂ | TBi 250 DR straight TBi 250 DR, 50° bent suitable consumables: gas nozzle conical, NW 15 mm contact tip ECU contact tip ECU, Alu tip holder for M6 x 28 mm jump liner for wire-Ø 0.8 - 1.2 mm | 104P001040 104P001038 345P012003 340Pxx1069 341Pxx1069 342P006003 181P001135 |
| TBi 3G DR total length = 145 mm | max. 220 A Mix max. 220 A CO ₂ | Standard TBi 3G DR straight TBi 3G DR, 45° bent suitable consumables: gas nozzle conical, NW 12 mm spatter protection contact tip ECU, Alu tip holder for M6 x 28 mm jump liner for wire-Ø 0.8 - 1.2 mm | 117P101011 117P101010 345P012117 346P012117 341Pxx1069 342P006117 181P001135 |

Connections

| | Description | Option |
|--|--|---|
| | Individual connectors TSP 10 / 25 or TSP 35 / 50 Gas hose with quick disconnect control line with open end | Industrial connector suitable for the TBi control unit, installed on the control cable. |
| | EURO-connector ESG control line with open end | |