



**New  
2005**

# 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



Part-No.  
590P101045

### 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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## TBi Spool-Gun SP-G

### 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..
<b>TBi 150 DR</b> total length = 200 mm 	max. 150 A Mix max. 180 A CO <sub>2</sub>	TBi 150 DR straight TBi 150 DR, 50° bent  <b>suitable consumables:</b> 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
<b>TBi 250 DR</b> total length = 175 mm 	max. 200 A Mix max. 220 A CO <sub>2</sub>	TBi 250 DR straight TBi 250 DR, 50° bent  <b>suitable consumables:</b> 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
<b>TBi 3G DR</b> total length = 145 mm 	max. 220 A Mix max. 220 A CO <sub>2</sub>	<b>Standard</b> TBi 3G DR straight TBi 3G DR, 45° bent  <b>suitable consumables:</b> 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	