

TECNA®

3660E-tech
9000 A

3670E-tech
12000 A

WELDING SYSTEMS DEDICATED TO
THE END-OF-LINE PLANTS

Item 8669/SK
«C» Gun - 450 daN
8 bar



TE760
WELDING CONTROL UNIT

The most advanced resistance welding machines

www.tecna.net

CE

3660E-tech | 3670E-tech The E-tech are the new TECNA's welding systems dedicated to the end-of-line plants. The versatility of the machine together with the excellent technical features given by the TE760 welding control unit, create a machine that can be used both in the car body repair field as well as in the industrial one so to ensure an excellent welding quality in very high-productive fields.

MAIN FEATURES

- Fully water-cooled "C"-type gun providing a force of 450daN at 8 bar.
- The welding guns are connected to the machine through two extra-flexible water-cooled cables 2400 mm long.
- Water-cooling system on board the machine.
- TE760 welding control unit of industrial design.
- Simplified programming by means of 9 keys and backlit graphic display.
- Medium frequency inverter control with IGBT.
- Storage of 150 welding programs; 4 of them recallable from the outside.
- Up to 15 programmable parameters for each program.
- Slope up, slope down, pulses, pre-weld, post-weld functions and adjustment of the welding times with 1 ms resolution.
- Display of the welding current RMS and of the use percentage of the welding machine.
- 2 operating modes: constant current and FIX.
- Welding current limits and inverter use percentage.
- Stepper function to compensate the electrodes wear with programmable curves.
- Single and automatic cycle.
- WELD and NON WELD function.
- Self-adjustment at mains frequency 50/60 Hz.
- Communication via USB port.
- Selectable languages: Italian, English, French, German, Spanish, Swedish or Portuguese.
- Possibility of upgrading the control unit Firmware.
- Programs sequence.
- Possibility of displaying the welding time and the welding current graphically.
- Possibility of consulting welding tables.

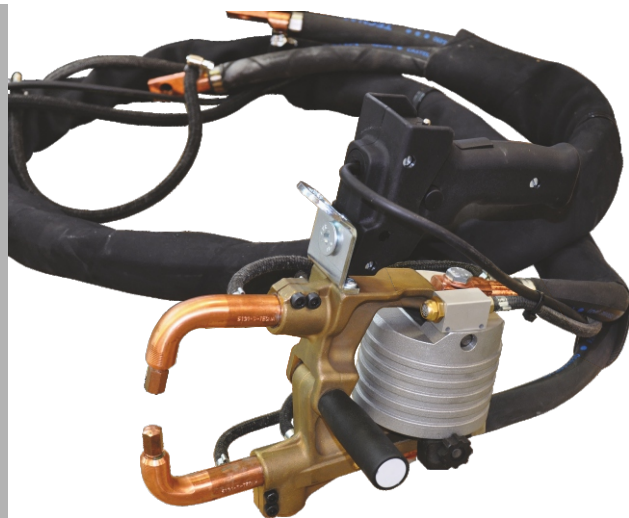
MANUFACTURING OF SPECIAL VERSIONS

Upon demand, the machine may be equipped with a fully water-cooled "X"-type gun item 8677/SK developing a force of 240 daN at 8 bar or with a second "X"-type gun item 8678/SK still fully water-cooled and developing a force of 610 daN at 6 bar or with a completely water-cooled single-sided gun item 3581.

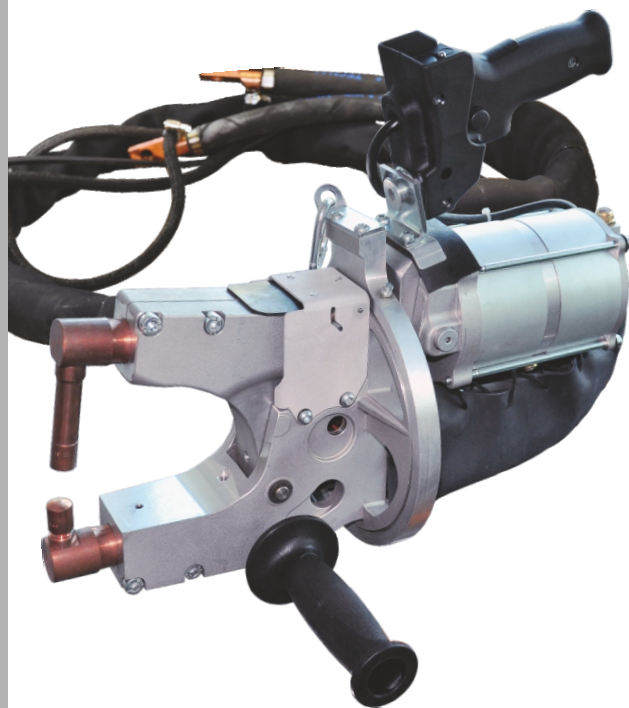
	3660E-tech	3670E-tech	
Supply voltage	*400	*400	V
Mains frequency	*50 / 60	*50 / 60	Hz
Mains protection (delayed)	32	40	A
Nominal power 50% ED	25	25	kVA
Maximum welding power	125	180	kVA
Maximum secondary current	9	12	kA
Thermal current 100%	1,25	1,25	kA
No load secondary voltage	13,3	14,2	V
Weld time	0,01 ÷ 2	0,01 ÷ 2	s
Protection rating	21	21	IP
Weight	155	155	kg

* Different voltages and frequencies on demand

KIT OPTIONAL



Item 8677/SK
«X» Gun - 240 daN - 8 bar



Item 8678/SK
«X» Gun - 610 daN - 6 bar



Item 3581K
Water-cooled single-sided gun



Item 5241-Ø16 mm
 Item 5242-Ø16 mm
 OPT Item 5230T-Ø16 mm

Ø 16 mm

Item

5234

OPT

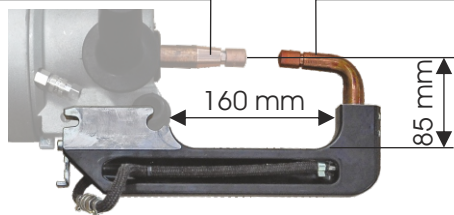
5233

5231

5232

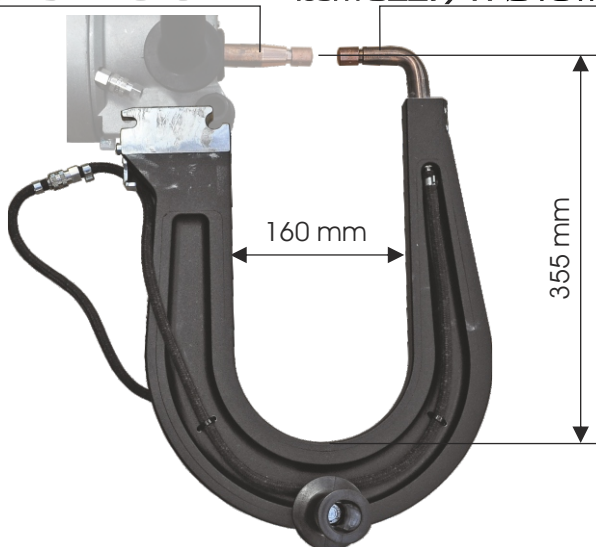
Item 8685/W/S

Item 5241-Ø16 mm Item 5227/W-Ø16 mm



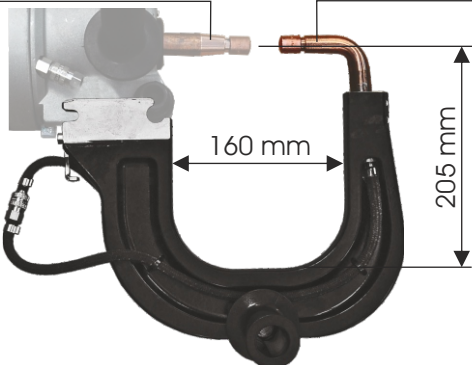
Item 8686/W/S

Item 5241-Ø16 mm Item 5227/W-Ø16 mm



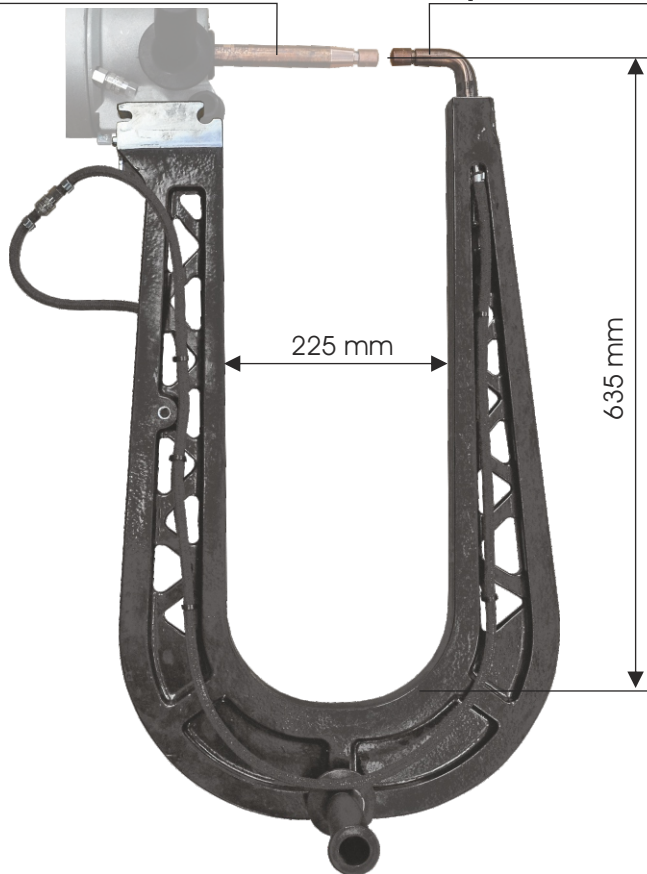
Item 8684/W/S

Item 5241-Ø16 mm Item 5227/W-Ø16 mm



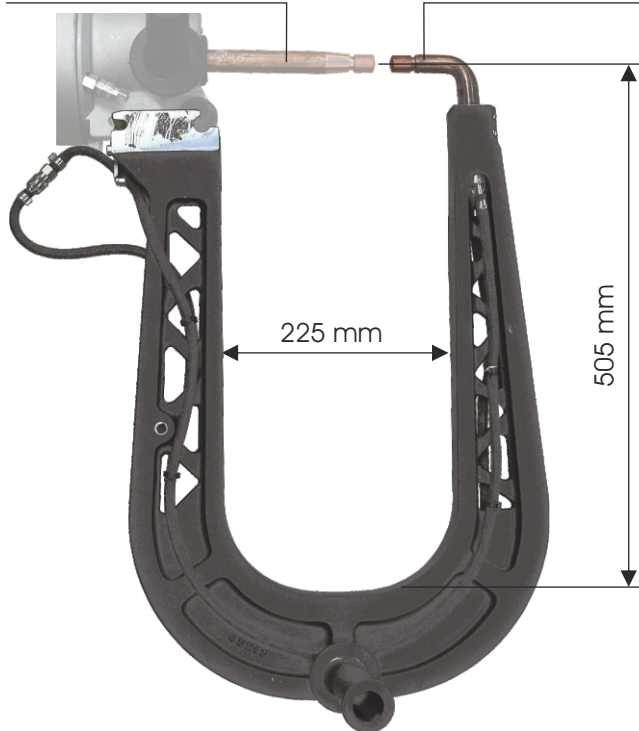
Item 8687/W/S

Item 5242-Ø16 mm Item 5227/W-Ø16 mm



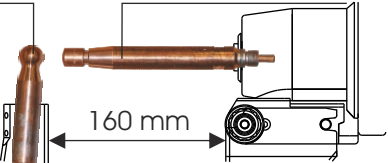
Item 8688/W/S

Item 5242-Ø16 mm Item 5227/W-Ø16 mm



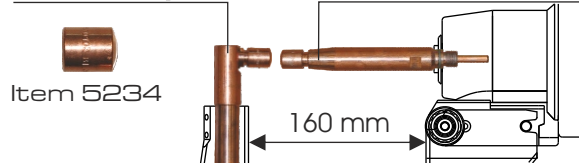
Item 5220/W

Item 5242-Ø16 mm



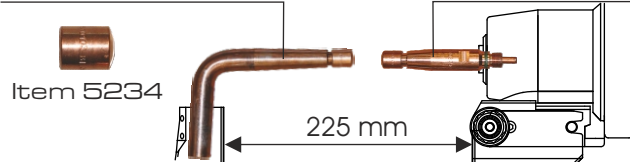
Item 5243/W

Item 5230T-Ø16 mm



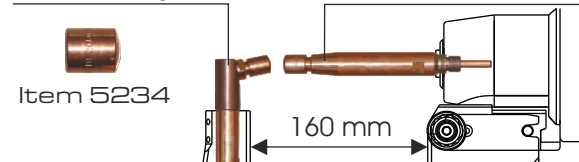
Item 5223/W-Ø16 mm

Item 5241-Ø16 mm

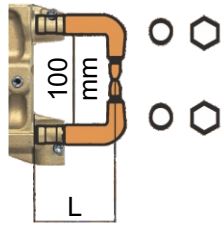


Item 5244/W

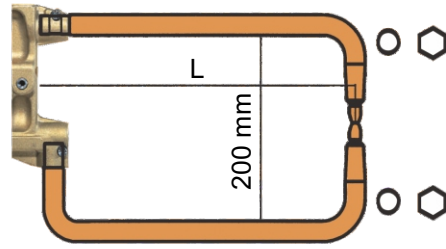
Item 5230T-Ø16 mm



for Item 8677/SK



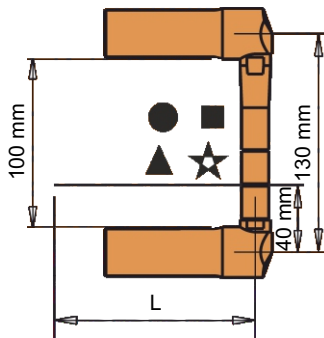
- Item 5127 L = 152 mm
- Item 5128 L = 232 mm
- Item 5129 L = 332 mm
- Item 5130 L = 483 mm



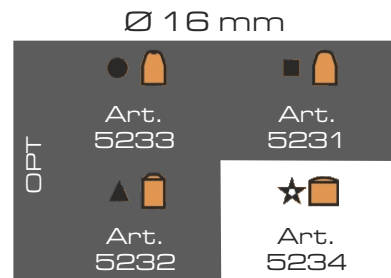
- Item 5137 L = 350 mm
- Item 5138 L = 450 mm



für Art. 8678/SK



- L = 120 mm Art. 5260
- L = 155 mm Art. 5261
- L = 255 mm Art. 5262
- L = 355 mm Art. 5263
- L = 505 mm Art. 5264



SPECIAL VERSION



3660E-TechCF01
3670E-TechCF01



3660E-TechCF02
3670E-TechCF02



3660E-TechCF03
3670E-TechCF03

Specifications subject to change without notice.

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