

TM ECO S

Simple With High Performance

The TM ECO S is an hydraulic butt fusion machine with manual control unit for pipeline construction up to diameter 315 mm. It has been designed for reliable jointing of thermoplastic pipes and fittings for pressure piping systems on building sites and in trenches.

High flexibility

Adjustable position of inner clamp

3 different positions for the heating element on the pull-off bars

Fast set-up

Upper clamps hinged on top side and swivelling

Fast and safe insertion / removal insertion of pipes

35° inclination of clamp axis

Easy operation

Joystick for base machine control and pressure release

Fast and safe

removal of the heating element
Double-sided pull-off mechanism

Easy

handling

Light, compact frame with protection plate

High performance

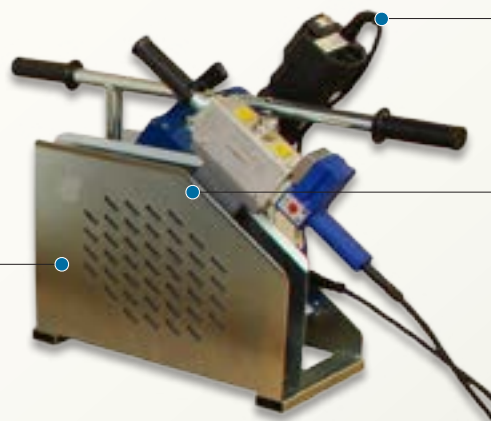
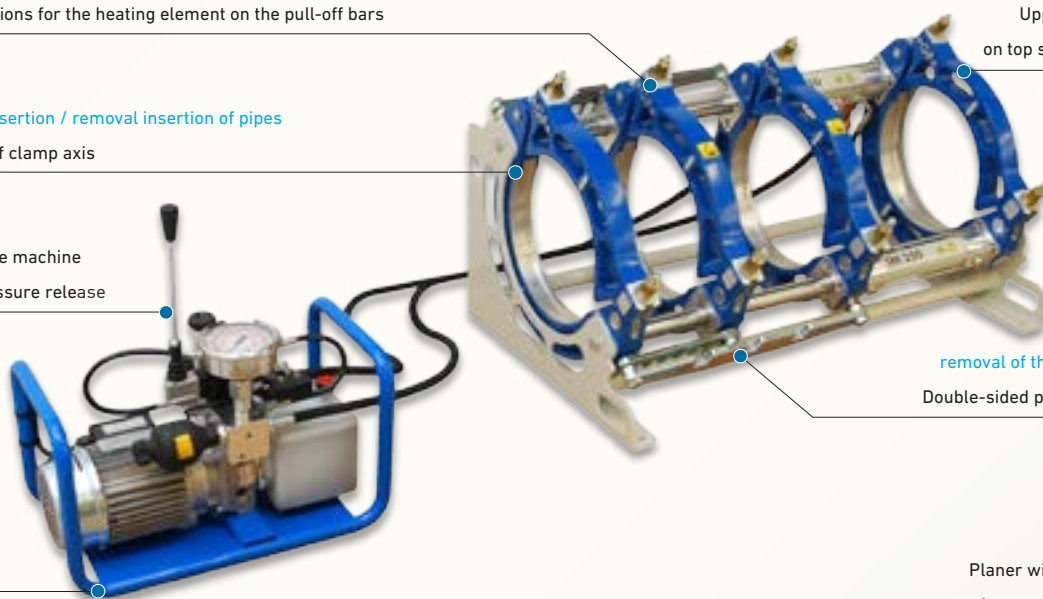
Planer with powerful motor and worm-gear transmission

Operation safety

Planer with self-locking mechanism and micro-switch to prevent accidental motor start out of the working position

Easy handling

Weight balanced planer with ergonomic handle



TM ECO S technical specifications

Joining material	PE, PP, PB
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Features

Machine operation	Hydraulic
Control unit	Manual
Number of base machine clamps	4
Heating element pull-off system	✓
Adjustable position of inner clamp	✓
Pressure gauge	Mechanical
Integrated temperature controller	Electronic
Integrated thermometer	Mechanical
Remote digital temperature controller	Optional (TM ECO version)
Planer self-locking mechanism	✓
Planer safety micro-switch	✓
Planer on/off switch	✓

Accessories

Welding recorder WR 200 S	✓
Wide / narrow clamp reduction inserts	✓
Flange adapter clamping unit	✓
Chamfered upper clamp for 90° bend fittings with maximum diameter	✓

Operating conditions

Working temperature range	- 10°C to +45°C
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Electrical data

Input voltage / frequency	230 V / 50 Hz
Mains plugs of machine components	Schuko 16A

Performance

	TM 160	TM 250	TM 315
Dimensional range [mm]	d 40 - 160	d 75 - 250	d 90 - 315
Input power	1900 W	3250 W	3850 W

Mechanical data

Base machine weight	22 kg	47 kg	53 kg
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Product code	790150009	790151013	790152028
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Easy to handle

TM ECO S is designed for installers who need a butt fusion with a simple configuration: the built-in thermometer and heater controller, in combination with the optimized weight of other machine components, makes the handling easier and faster.



Reliable on site

The mechanical features of the TM ECO S ensure a proper performance also in harsh environments, to connect pipes and fittings up to wall thickness corresponding to SDR 11 with the maximum clamp diameter.



Your contact

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