

DELTA 500 Easy Life



The **DELTA 500 Easy Life** is a hydraulic mirror welding machine, suitable for welding pressure pipe systems for water, gas, or other media. The machine has a range of **200 to 500 mm** and is built according to international standards (UNI 10565, ISO 12176-1). Thanks to the special control box, the machine can handle a semi-automatic welding process.

The machine contains:

- A machine carriage with frame, 4 clamps, 2 hydraulic cylinders and hoses with anti-leak couplings that can be plugged in and out quickly.
- A PTFE coated heating plate with separate thermometer.
- An attachment on the machine carriage, which helps remove the mirror during the welding procedure.
- A removable surface planer to straighten the ends of the tube/fitting. It includes a safety micro-switch and a thermal circuit breaker.
- An electric-hydraulic control box, protected against impact and atmospheric corrosion by means of a plastic box. The electronic control box guarantees a continuous repetition of the welding cycles and ensures automatic control of the pre-set welding parameters. The operator only needs to validate the different welding phases. The "Easy Life" has its own WiFi signal, and works together with the app "Set and Go PRO". This user-friendly system ensures a quick entry of the desired parameters. The "Easy Life" system can store up to 4000 welding cycles, and convert them into PDF reports. This can be read to PC/laptop via a USB port and data management software. It is also possible to set 50 self-made welding parameters.
- A holder for flat planer and heating plate
- With the **DELTA 500 Easy Life** you can weld tubes and fittings such as knees, tees, Y-pieces and collar bushings. This is possible because the 3rd clamp can be attached to the 1st and 2nd (sliding) clamp. The fitting itself is fixed in the 4th clamp. Short collars can be welded with a special tool (on request).
- Standard in 400V (230V on request)

TECHNICAL DATA

		DELTA 500 EASY LIFE
Diameter range	∅	200 - 500 mm
SDR range	SDR	SDR 41 - 6
Materials		HDPE, PP, PVDF
Power supply		400 V Three Phase
Total power consumption	W	7200 W
Recommended generator		12 KB
Temperature setting range	°C	180°C / 280°C
Ambient temperature	°C	-10°C / 40°C
Time needed to reach welding temperature		< 20'
Noise level	Lwa	lpa < 70 dBA
Memory		4000 cycles
Pre-adjustable welding cycles		50 adjustable
Wi-Fi ready		Yes
GPS		Yes
Mirror temperature		Adjustable
Mirror temperature readable		Digital
Automatic extraction of heating plate		-
Automatic extraction of flat planer		-
Smartlock inserts		-
Lifting support clamps-heating plate-flat planer		-
Dimensions machine-base	L x W x H	1265 x 790 x 780 mm
Dimensions control box	L x W x H	585 x 384 x 463 mm
Machine base weight	Kg	230 kg
Handlebar box weight	Kg	37 kg
Weight flat planer	Kg	62 kg
Heating plate weight	Kg	25 kg
Holder weight	Kg	59 kg
Weight standard composition	Kg	413 kg

MACHINES

- 91250511 DELTA 500 EASY-LIFE V1 (230V - 1~)
- 91250512 DELTA 500 EASY-LIFE V1 (230V - 1~) with Inserts Ø 200 - 450mm
- 91250523 DELTA 500 EASY-LIFE V1 (400V - 3~)
- 91250524 DELTA 500 EASY-LIFE V1 (400V - 3~) with Inserts Ø 200 - 450mm

OPTIONS

- 58162309 Annual Subscription SET & GO PRO
- 87296751 Complete SET of Inserts Ø 200- 450mm
- 83593606 Electrical Crane (230V)
- 83593616 Electrical Crane (400V)
- 87294595 Inserts Ø200mm
- 87294865 Inserts Ø225mm
- 87295136 Inserts Ø250mm
- 87295406 Inserts Ø280mm
- 87295677 Inserts Ø315mm
- 87295944 Inserts Ø355mm
- 87296210 Inserts Ø400mm
- 87296480 Inserts Ø450mm
- 33151191 Pre-Insulated BAG for Heating Plate
- 84391052 Printer Kit
- 80401251 Tool for Flange Necks
- 71261290 Transport Case Wood for Machine Basis
- 71261300 Transport Case Wood for Support, Cutter, Heating plate + Gearcase
- 81211251 Trolley for Machine Basics
- 71261250 Wooden Case for Inserts

SPARE PARTS

- 92156272 EASY-LIFE hydraulic unit (400V)
- 92156271 Gearcase EASY-LIFE (230V)
- 90035648 Heating plate (230V)
- 90035647 Heating plate (400V)
- 80022156 Kit Low Pressure Accumulator
- 81741290 Machine Body and Tool Kit
- 81801280 Milling Cutter (230V)
- 81801279 Milling Cutter (400V)
- 83621251 O-Ring SET for Cylinders 81491252
- 84461250 SET of Blades for Milling Cutter (4pcs)
- 84461251 SET of Blades for Milling Cutter - for PP - (4 pcs)
- NL-
- 78151315A Support for Milling Cutter + Heating Plate