

2023

HAMLEM

M E C H A N I C S



Serie Fuerte

Electrofusion Welding Machines

fuerte|eco

fuerte|eco⁺

fuerte|pro



About Us

Hamlem Mechanic Plastic Co. is established in 2014 to produce electro fusion welding machines which are used to join HDPE & plastic pipes and fittings.

We provide service and consultancy about infrastructure construction works, irrigation and treatment systems, mechanical and electro mechanical installation works.

Fuerte group electrofusion welding machines provide welding joints for plastic pipes and fittings between 20 mm and 1600 mm and also we provide service and spare parts for butt welding machines with diameters of 160mm, 250mm, 315mm, 400mm and 500mm.

With the supervision of international independent audit organizations, we are registered with ISO 9001 Quality Management Systems, ISO 10002 Customer Satisfaction Management System, CE Accreditation, ISO 45001 Occupational Health and Safety Management System and ISO 14001 Environmental Management System certifications.

Our goal is provide services with the most advanced level in our profession.

Certificates

Our products are produced in Turkey with domestic technology.



ISO 9001:2015
Quality Management
System Certificate



ISO 14001:2015
Environmental Management
System Certificate



CE Certificate



ISO 10002:2018
Customer Satisfaction
Management System Certificate



ISO 45001:2018
Occupational Health and Safety
Management System Certificate





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MODEL	180	500	800	1200	1600
POWER	3000 VA	3600 VA	3800 VA	4000 VA	4600 VA
MAX. OUTPUT CURRENT	60 A +%15	70 A +%10	80 A	100 A	110 A
WEIGHT	18,5 Kg	19 Kg	19,5 Kg	20 Kg	20 Kg

General Properties

Barcode scanner
 Manual welding
 Data saving for 4000 weldings
 High voltage protection
 4x20 character 5 mm character
 height green LCD screen
 Automatic welding control
 Fitting control
 Resistance Check
 Current Check
 Voltage Check
 English and Turkish menu are default
 other languages are supported

Electronic Properties

Nominal Voltage: 230 V (185 V - 275 V)
 Frequency: 50 Hz - 60 Hz (35 Hz - 70 Hz)
 Electrical protection class: IP 54
 Fuse: 16A - 230 V
 Primary Current: 16 A
 Ambient temp: -20 +60
 Secondary voltage: 8 V - 48 V AC

Hardware Details

Electrical cord: 3x2,5mm NYAF H05RR-F (4 mt)
 Welding cord: 9+2 hybrid NYAF (4 mt)
 Dimensions: 340 x 220 x 310 MM (WxDxH)
 Wooden box dimensions:
 375 x 290 x 370 mm (WxDxH)
 Pipe scrapper



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WEIGHT	18,5 Kg	19 Kg	19,5 Kg	20 Kg	20 Kg

General Properties

- Barcode scanner
- Manual welding
- Data saving up to 10000 weldings
- High voltage protection
- 4.3" TFT Screen
- Automatic welding control
- Fitting control
- Resistance Check
- Current Check
- Voltage Check
- English and Turkish menu are default
other languages are supported

Electronic Properties

- Nominal Voltage: 230 V (185 V - 275 V)
- Frequency: 50 Hz - 60 Hz (35 Hz - 70 Hz)
- Electrical protection class: IP 54
- Fuse: 16A - 230 V
- Primary Current: 16 A
- Ambient temp: -20 +60
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Hardware Details

- Electrical cord: 3x2,5mm NYAF H05RR-F (4 mt)
- Welding cord: 9+2 hybrid NYAF (4 mt)
- Dimensions: 340 x 220 x 310 MM (WxDxH)
- Wooden box dimensions:
410 x 320 x 410 mm (WxDxH)
- Pipe scrapper





HAMLEM

MECHANICS

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