

CERTIFICATIONS



ISO 9001:2015 **Quality Management**
System Certificate



14001:2015 **Environmental**
Management System Certificate



45001:2018 Certificate of the
Occupational Health and Safety
Management System



10002:2018 **Customer Satisfaction**
Management System Certificate



CE Certificate

WE ARE MANUFACTURERS

- ✓ **Hamlem Mekanik Plastik Ltd. Şti.** was established in 2014 with the aim of manufacturing electrofusion welding machines for HDPE pipes and fittings using 100% local technology. Our mission is to deliver superior quality and high efficiency for your projects.
- ✓ Our company provides equipment supply and consultancy services for infrastructure, irrigation, and water treatment systems both in Turkey and abroad. Our electrofusion welding machines offer safe and durable welding solutions for pipes and fittings ranging from 20 mm to 1600 mm. With our global distributor network and strong technical support, we ensure continuous customer satisfaction.
- ✓ With ISO 9001, ISO 10002, ISO 45001, ISO 14001, and CE certifications, we operate in compliance with international standards and aim to deliver reliable, long-lasting, and sustainable services through continuous inspections and quality control.



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HAMLEM
MECHANICS



www.hamlem.com



Serie
Fuerte

Electrofusion welding machines
Manufactured in Turkey

HAMLEM
MECHANICS

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General properties

Barcode scanner
Manual welding
Storage for 3000 welds
High voltage protection
Green LCD display with 4 x 20
Characters 5mm high
Automatic welding control
Coupler control
Resistance control
Current control
Voltage control
Default menu in English, Spanish,
Portuguese, and Turkish
Other languages supported

Electronic properties

Rated voltage: 230 V (185 V - 275 V)
Frequency: 50 Hz - 60 Hz (35 Hz - 70 Hz)
Electrical protection class: IP 65
Fuse: 16 A - 230 V
Primary current: 16 A
Ambient temperature: -20 +60
Secondary voltage: 8 V - 48 V AC

Hardware details

Electric wire: 3x2,5mm NYAF H05RR-F
(4 mt)
Welding cable: 9+2 hibrit NYAF
(4 mt)
Dimensions: 340 x 220 x 310 mm
(WxDxH)
Dimensions of the wooden box:
375 x 290 x 370 mm (WxDxH)
Pipe scraper

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

General properties

Barcode reader.
Manual welding.
Data storage for 4000 welds.
High voltage protection.
4 x 20 green LCD screen
Characters 5mm high
Automatic welding control.
Adjustment control.
Resistance control.
Current control.
Voltage control.
Default menu in English, Spanish,
Turkish, and Portuguese.
Other languages supported.

Electronic properties

Rated voltage: 230 V (170 V - 275 V)
Frequency: 50 Hz - 60 Hz (35 Hz - 70 Hz)
Electrical protection class: IP 54
Fuse: 16 A - 230 V
Primary current: 16 A
Ambient temperature: -20 +60
Secondary voltage: 8 V - 48 V CA

Hardware details

Electric wire: 3x2,5mm NYAF H05RR-F
(4 mt)
Welding cable: 9+2 hibrit NYAF
(4 mt)
Dimensions: 340 x 220 x 310 mm
(AnxPxAl)
Dimensions of the wooden box:
375 x 290 x 370 mm (AnxPxAl)

fuerte | pro



Electronic properties

Rated voltage: 230 V (185 V - 275 V)
Frequency: 50 Hz - 60 Hz (35 Hz - 70 Hz)
Electrical protection class: IP 54
Fuse: 16 A - 230 V
Primary current: 16 A
Ambient temperature: -20 +60
Secondary voltage: 8 V - 48 V CA

Hardware details

Electric wire: 3x2,5mm NYAF H05RR-F
(4 mt)
Welding cable: 9+2 hibrit NYAF
(4 mt)
Dimensions: 340 x 220 x 310 mm
(WxDxH)
Dimensions of the wooden box:
375 x 290 x 370 mm (WxDxH)
Pipe scraper

General properties

Barcode reader
Manual welding
Data storage for up to 4000 welds
High voltage protection
4.3-inch HMI display
resolution 480 x 272 pixels
Automatic welding control
Adjustment control
Resistance control
Current control
Voltage control
Default menu in English, Spanish,
Portuguese, and Turkish
Other languages supported

MODEL	F-180	F-500	F-800	F-1200
POWER	3000 VA	3600 VA	3800 VA	4000 VA
MAX OUTPUT CURRENT	60 A +%15	70 A +%10	80 A	100 A
WEIGHT (including cables)	18,5 Kg	19 Kg	19,5 Kg	20 Kg

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