

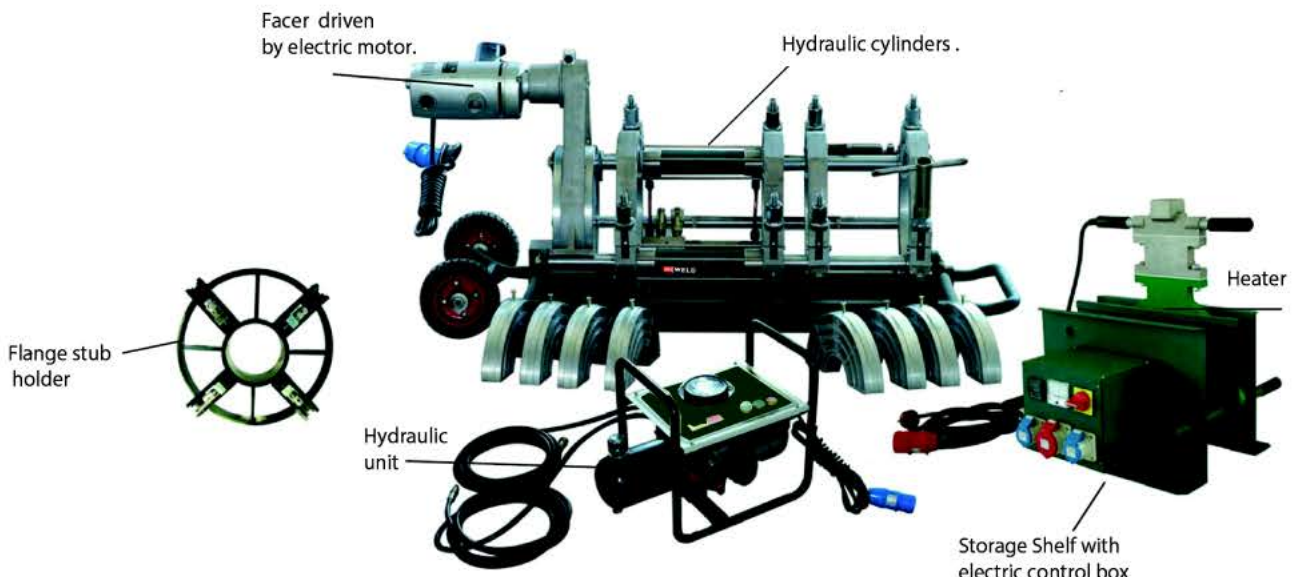
## BUTT FUSION MACHINE

HW-160 | HW-250 | HW-315

**Hiweld** manufactures a large selection of butt fusion welding machines with welding capabilities ranging from 32mm to 2000mm. Our staff have extensive knowledge of the polyethylene industry and have used this to develop machines which are simple to use, cost effective and result in welds with high integrity.

### Key features

- Hydraulic unit controlling clamp movement and pressure regulation to assist in the alignment and welding of the pipe precisely.
- Easily Interchangeable inserts to allow welding of multiple pipe sizes.
- Rugged support frame which allows for steady welding.
- Electric control box containing voltmeter, temperature controller and emergency stop switch as well as sockets for the facer, heater and the hydraulic unit
- Teflon coated heater plate which guarantees high quality fusion of pipes and ease of cleaning.
- Storage shelf for safe storage of accessories whilst machine not in use.
- Stub flange holder to assist in the proper welding of stub flanges
- Optional wheels and handle available for ease of transport



### Dubai Distributor

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## BUTT FUSION MACHINE

HW-160 | HW-250 | HW-315

### Technical Parameters

Components	HW-160	HW 250	HW 315
Base Machine	✓	✓	✓
Facer	✓	✓	✓
Hydraulic Unit	✓	✓	✓
Heater	✓	✓	✓
Storage Shelf	✓	✓	✓
Electric Control Box	✓	✓	✓
Insert and Flange Stub Holder	✓	✓	✓
Standard Inserts	Φ63, Φ75, Φ90, Φ110	Φ90, Φ110, Φ160, Φ200,	Φ110, Φ160, Φ200, Φ250,
Wheels	○	○	○
Mounting Brackets	○	○	○
Optional Inserts	Φ125, Φ140	Φ75, Φ125, Φ140, Φ180,	Φ90, Φ125, Φ140, Φ180, Φ225,

### Machine Components

Item	HW-160	HW 250	HW 315
Pipe Range	Φ63- Φ160	Φ75- Φ250	Φ110- Φ315
Power Supply 1-Phase	220 V	220 V	220 V
Heater Power	1 KW	1.8 KW	2.2 KW
Facer Power	0.71KW	1.1KW	1.1KW
Hydraulic Power	0.75KW	0.75KW	0.75KW
Total Power	2.46KW	3.65KW	4.05KW
Environ. Temp.	-10° C ~ 45° C	-10 C ~ 45C	10° C ~ 45° C
Heater Temp. Rise	20-30 Min	20-30 Min	20-30 Min
Pressure Range	0-7 Mpa	0-7 Mpa	0-7 Mpa
Hydraulic Surface	626mm <sup>2</sup>	1298mm <sup>2</sup>	954mm <sup>2</sup>

\* O=Optional



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