

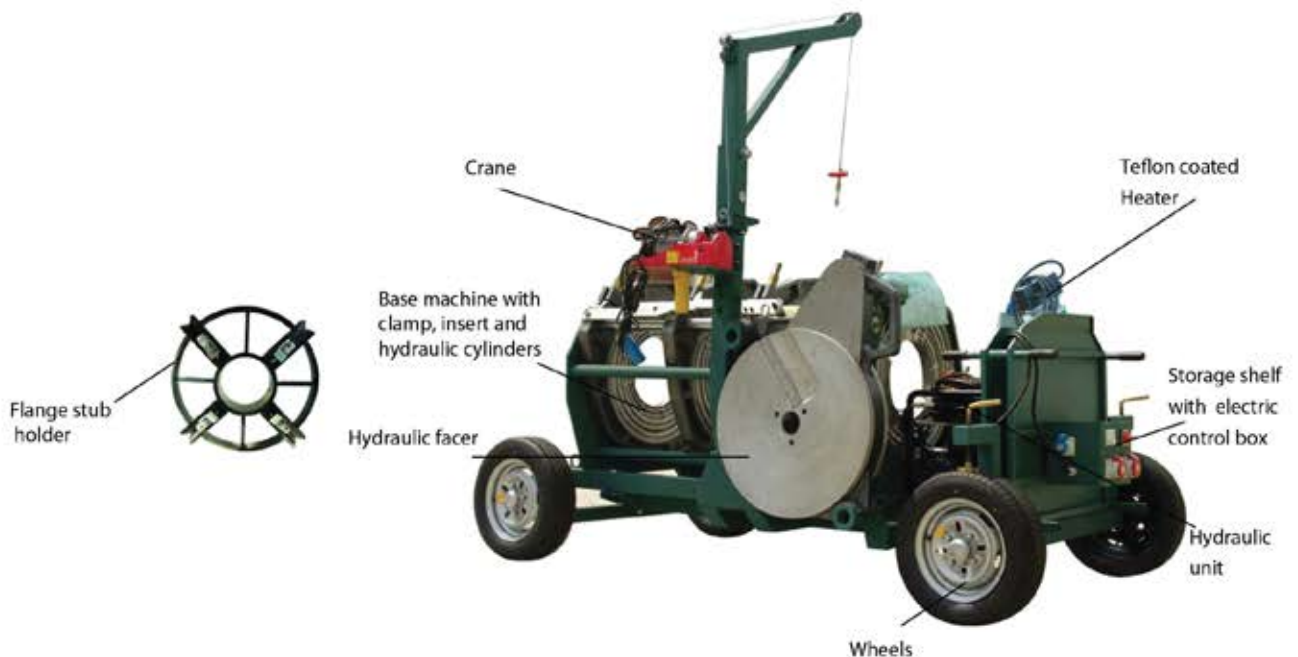
# BUTT FUSION MACHINE

HW-450 | HW-630

**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. Also available an attachable crane
- to assist in pipe lifting and moving the facer and heater.



## UAE Distributor

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## BUTT FUSION MACHINE

HW-450 | HW-630

### Technical Parameters

| Components             | FM 450                     | FM 630                                    |
|------------------------|----------------------------|---|
| Base Machine           | ✓                          | ✓   |
| Facer                  | ✓                          | ✓   |
| Hydraulic Unit         | ✓                          | ✓   |
| Heater                 | ✓                          | ✓   |
| Storage Shelf          | ✓                          | ✓   |
| Electric Control Box   | ✓                          | ✓   |
| Insert and Flange Stub | ✓                          | ✓   |
| Holder                 | ✓                          | ✓   |
| Standard Inserts       | Φ 250, Φ 315, Φ 355, Φ 400 | Φ 315, Φ 355, Φ 400, Φ 450, Φ 500, Φ 560, |
| Wheels                 | O                          | O   |
| Mounting Brackets      | O                          | O   |
| Optional Inserts       | Φ 280                      |   |

### Machine Components

| Item              | HW-450                | HW 630                |
|-------------------|-----------------------|-----------------------|
| Pipe Range        | Φ 250- Φ 450          | Φ 315- Φ 630          |
| Power Supply      | 3- Phase 220V or 380V | 3- Phase 220V or 380V |
| Heater Power      | 4.5KW                 | 6.6KW                 |
| Hydraulic Power   | 1.5KW                 | 2.2KW                 |
| Total Power       | 6K W                  | 8.8KW                 |
| Environ. Temp.    | -10°C ~ 45°C          | -10°C ~ 45°C          |
| Heater Temp. Rise | 20- 30Min             | 20- 30Min             |
| Pressure Range    | 0- 8M pa              | 0- 8M pa              |
| Hydraulic Surface | 2002mm <sup>2</sup>   | 2770mm <sup>2</sup>   |

\* O=Optional



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