IHP – All On Board (AOB)

Wireless remote control

POWERED (18” - 60”)

Each AOB clamp have following specifications:
2 pcs drive motors (top & bottom) 24Volts, 3000 rpm, 300W
Gearing VF44-1-35
2 sets of batteries (24 Volts)
Gas springs to activate the motors to ensure always in full contact with pipe

Infrared sensor in the front for automatic stop at the end of the pipe
Electronic and hydraulic pump mounted on the clamp
1 pc remote control (wireless)
1 pc battery charger for batteries
1 pc battery charger for remote control
1 pc handoperate pump in the front to pull-in motors for insert the clamp in the pipe or for transport

Reform pipes with wall thickness up to 25 mm.
Align pipes with wall thickness up to 50 mm.

Cat.no. Range ID (inch) Range ID (mm) Shoes Weight (kg) Length (mm)

ihp1824 18 - 24 383-601 2 x 8 176 1523
ihp2630 AOB 26 - 30 532-751 2 x 12 405 2286
ihp3236 AOB 32 - 36 683-901 2 x 14 481 2286
ihp3842 AOB 38 - 42 832-1051 2 x 18 659 2286
ihp4448 AOB 44 - 48 991-1211 2 x 22 885 2286
ihp5054 AOB 50 - 54 1152-1371 2 x 24 1172 2286
ihp5660 AOB 56 - 60 1302-1521 2 x 28 1270 2286

mini ihp 5 - 10 120-270 2 x 3 20 844
mini 812 8 - 12 165-320 2 x 3 25 844

ihp1016 10 -16 238-450 2 x 4 85 1485
ihp1420 14 - 20 284-506 2 x 6 109 1485
For more than 20 years Weld-Tech has produced internal hydraulic clamps for pipe welding. Build on the prediction that hydraulic was the future “state of the art” in pipe-welding, Weld-Tech has created a unique range of clamps in close cooperation with customers around the Globe.

The Weld-Tech AOB IHPS have the following benefits:

- **Economical due to:** Low maintenance cost; one clamp for 3 pipe sizes (2 for pneumatic range)
- **Easy to handle due to:** No presetting for specific inner diameter; no cables, hoses, reach rod or compressor
- **Effective due to:** Great alignment and reforming capacity; wireless remote control and charger; automatic stop at end of pipe; battery effective for up to 100 weldings

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All IHPS, non-powered as well as powered, are able to:

- **Reform** pipes with wall thickness up to 25 mm. and
- **Align** pipes with wall thickness up to 50 mm.