

HARD BANDER

Features:

- Fully automatic operation through operator's friendly control panel.
- Single push button start for automatic weld cycle sequencing of Rotation, Welding, Oscillation, Step-over, Banding & Auto stop.
- Degree overlap facility to avoid weld defect at stop of the weld.
- Automatic Step-Over for programmable number of bands.
- Unique feature of reverse overlap compensation for uniform appearance of start / stop of weld bands in single line.
- Hollow spindle to accommodate all types of pipes.
- Hollow Barrel True Chuck with hardened jaws.
- Sealed roller / ball bearings for long service life.
- Highly accurate, Smooth, Variable Width Torch Oscillator for excellent weld bead deposit.
- Cross slides for easy positioning of torch before & during weld.
- Heavy duty GMAW torch with long life consumables.
- SAW Process option provided.
- Supply input 380 - 415 VAC / 3-Phase / 50-60 Hz / 25 KVA.



Controller



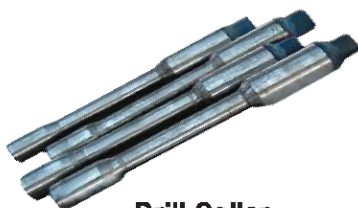
Pin & Box



Tool Joint



Drill Pipe



Drill Collar

Applications:

- Drill Pipe Pin & Box Tool Joint
- Heavy Weight Drill Pipe
- Heavy Weight Spiral Drill Pipe
- HWDP Central Upset
- Drill Collar

Options available:

- Air plasma gouging machine
- Induction heater for pre-heating
- Carbide powder feeder
- Head stock tilting facility up to 18°
- Roller support





URS is a member of Registrar of Standards (Holding) Ltd.

ARCRAFT PLASMA EQUIPMENTS (I) PVT. LTD.

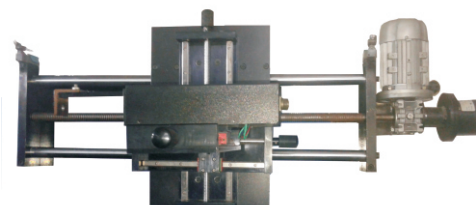
Spindle

Hollow Spindle	: 250 mm / 10 inch 300 mm / 12 inch (Optional)
Chuck	: 3 Jaw, True, Hollow spindle
Number of Chucks	: Single
Head Stock Speed	: 0.2 to 2 rpm



Torch Carriage (Weld Box)

Length	: 500 mm
Torch Travel Speed	: 100 - 1000 mm per minute
Auto Step Over	: 0 - 99 mm in step of 1 mm
No of Bands	: 0 - 99 in step of 1



Oscillator

Band width	: 0 - 25 mm in step of 0.2 mm
Stroke / minute	: 0 - 60 in step of 1
Dwell Time Left / Right	: 0.0 - 9.9 seconds in step of 0.1 sec.



Welding Power Source

Type	: Constant Voltage (MIG / MAG)
Capacity	: 450 amps
Make	: Lincoln Electric, USA



Wire Feeder

Wire size Solid	: 1.2, 1.6 mm / 0.045, 1/16 inch
Wire size Flux cored	: 1.2, 1.6 mm / 0.045, 1/16 inch
Spool Weight	: 12.5 kgs. max.
Spool Size	: 300 mm OD x 50 mm ID



MIG Torch

Capacity	: 500 amps
Cooling	: Gas cooled
Cable	: 1 meter
Type	: Straight

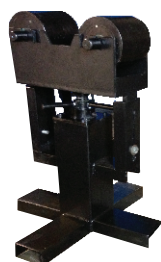


Slide

Vertical	: 0 - 200 mm Manual
Horizontal	: 100 - 0 - 100 mm Manual
Degree	: 18 - 0 - 18 degree manual



Options



Idle Support



Induction Heating



Gouging

Specifications are subject to change without notice

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