



## INTERNAL WELDING MACHINES

The fastest method to perform pipeline root pass

30" - 40"

4 heads, 762mm-1016mm, Internal root pass welding, no copper backing.

## TECHNICAL SPECIFICATION

- Specification for pipe size 30inch - 40inch
- Applicable pipe diameter range:  $\phi 1066$  -  $\phi 1524$  mm
- Expanders: 2 units
- Number of pressing blocks for each set of expanders: 18 pcs
- Expander tension power: 750T
- Travelling speed: 0-1m/s
- Driving method: double wheel on each side, single motor ensures driving force of machine
- Braking method: Double hubs on single side expanding brakes on both sides (ensures reliable braking device)
- Input pressure: 1.5MPa
- Working pressure: 1.2MPa
- Climbing capacity: 20°
- Dimensions: 650x650x4100mm
- Number of welding torches: 4 pcs
- Welding gun ring speed: 0.76m/min
- Reserve gas pressure: 0.6-0.8MPa
- Welding time for each joint: 80-100S
- Feed rate of welding wire: 9.5m/min
- Welding voltage: 22±1.5V
- Welding current: 190-220A
- Power course is compressed air
- Weight 1700kg

