Pipe Facing Machine

SERIMAX’S IN-HOUSE BEVELING TOOL SPECIFICALLY DESIGNED TO PRODUCE NARROW GAP BEVELS FOR HIGH PRODUCTIVITY AUTOMATIC WELDING. OUR RANGES VARY FROM 8” TO ABOVE 48”.

OPTIMISE EQUIPMENT PHILOSOPHY
- Quality bevels
- Multiple pipeline dimensions with single fleet

TECHNICAL DESCRIPTION

**PFM 8-24”**
- **EQUIPMENT MAIN DESCRIPTION**
  - Overall Dimension (L x l x h): 1620mm x 1340mm x 1300mm
  - Weight: From 900 to 1440 kg
  - Operating temperature: -40°C to +60°C
- **PIPE DIAMETER CAPACITY**
  - ID min: 7.50” / 190.4mm
  - ID max: 24.00” / 609.6mm
- **WELDING POSITION CAPACITY**
  - 5G (S lay, Landlines)
  - 2G (J-lay)
  - 6G (Fabrication, J-lay)
- **POWER SUPPLY REQUIREMENTS**
  - Hydraulic: Flow: 100 to 210l/min.
  - Pressure: 110 to 180 bar

**PFM 24-42”**
- **EQUIPMENT MAIN DESCRIPTION**
  - Overall Dimension (L x l x h): 3470mm x 1950mm x 1975mm
  - Weight: Approx 3900 kg
  - Operating temperature: -40°C to +60°C
- **PIPE DIAMETER CAPACITY**
  - OD min: Starting from 24”
  - ID min: 21.34” / 542.0mm
  - ID max: 41.30” / 1049.0mm
  - WT min: 0.35” / 9.0mm
  - WT max: 1.57” / 40.0mm
- **WELDING POSITION CAPACITY**
  - 5G (S lay, Landlines)
  - 2G (J-lay)
  - 6G (Fabrication, J-lay)
- **PROCESS SPECIFIC CAPACITY**
  - Carbon steel (X60 to X100), stainless steel, copper-nickel alloys, Inconel and other
  - Piston Effort: 300 DaN front & back rams
- **POWER SUPPLY REQUIREMENTS**
  - Hydraulic Main: Flow: 225 to 340l/min
  - Pressure: 110 to 150bar
  - Hydraulic Auxiliary: Flow: 15 to 24l/min
  - Pressure: 60/70bar – Maxi 110bar

**PFM 32-48”**
- **EQUIPMENT MAIN DESCRIPTION**
  - Overall Dimension (L x l x h): 2925mm x 1629mm x 1561mm
  - Weight: Approx 3800 kg
  - Operating temperature: -40°C to +60°C
- **PIPE DIAMETER CAPACITY**
  - ID min: 30.34” / 770.6mm
  - ID max: 41.59” / 1208.8mm
  - WT min: 0.35” / 9.0mm
  - WT max: 1.57” / 40.0mm
- **WELDING POSITION CAPACITY**
  - 5G (S lay, Landlines)
  - 2G (J-lay)
  - 6G (Fabrication, J-lay)
- **PROCESS SPECIFIC CAPACITY**
  - Carbon steel (X60 to X100), stainless steel, copper-nickel alloys, Inconel and other
  - 2 ramps with 6 contact points each
  - Piston Effort: 430 DaN front ramp & 530 DaN back ramp
- **POWER SUPPLY REQUIREMENTS**
  - Hydraulic Main: Flow: 225 to 340l/min
  - Pressure: 110 to 150bar
  - Hydraulic Auxiliary: Flow: 15 to 24l/min
  - Pressure: 60/70bar – Maxi 110bar