

SATURNAX 05/07

HIGH PRODUCTIVITY, ROBUST SOLUTION WITH DUAL TORCH CAPABILITIES, THE MULTI PROCESS SATURNAX IS THE GMAW ORBITAL WELDING REFERENCE SYSTEM DEDICATED TO THE JOINTING OF OFFSHORE AND LANDLINE PIPELINES WITH THE MOST IMPRESSIVE TRACK RECORD.



SAVE PROJECT COSTS

- Low repair rates
- High productivity
- Minimum downtime

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TECHNICAL DESCRIPTION

EQUIPMENT MAIN DESCRIPTION

- Overall Dimension (L x l x h):
250mm x 375mm x 275mm
- Weight: 15kg
- Operating Temperature: -40°C to +60°C
- Bevel: Narrow Gap J type Bevel

PIPE DIAMETER CAPACITY

- OD min: 4.50" / 114.2mm
- WT min: from 6mm

WELDING POSITION CAPACITY

- 5G (S lay, Landlines)
- 2G (J-lay)
- 1G (Prefab, DJ)
- 6G (Fabrication, J-lay)

PROCESS SPECIFIC CAPACITY

- Welding processes:**
- Standard single or dual torch(es) GMAW
 - STT
 - Single Torch Pulsed GMAW
 - FCAW

Welding speed:

- 20 to 150 cm/min

Material Weldability:

- Carbon steel (from Grade A to x 100)
- CRA - Inconel Basis
- CRA - Stainless Steel Basis
- CRA - Duplex / Superduplex Basis

POWER SUPPLY REQUIREMENTS

- Electricity: 70 kVA - 440 Vac Tri-Phases
+ 220 Vac Single Phase - 50/60 Hz
- Pneumatic: 7 bars dry