

EXTERNAX

EXTERNAX IS SERIMAX'S EXTERNAL FULLY-AUTOMATED WELDING CLAMP DESIGNED TO DELIVER HIGH QUALITY WELDING FOR TIE-INS AND ENHANCE PRODUCTIVITY ON THE CRITICAL PATH.



ENHANCE PRODUCTIVITY ON THE CRITICAL PATH AND THEN REDUCE YOUR PROJECT COSTS

- Increase productivity by reducing welding time on tie-ins by 40%
- Fully automated welding process for all welds of your field to enhanced integrity
- Tele operated work environment for improved safety standards

TECHNICAL DESCRIPTION

EQUIPMENT MAIN DESCRIPTION

- 4" - 14" Overall Dimension (L x l x h): 1550mm x 1550mm x 900mm
- 4" - 14" Weight: 550kg
- 12" - 20" Overall Dimension (L x l x h): 1650mm x 1650mm x 900mm
- 12" - 20" Weight: 620kg
- Operating Temperature: -40°C to +50°C
- Bevel: Narrow Gap J type & API V type Bevels

PIPE DIAMETER CAPACITY

- OD min: 6.63" / 168.5mm

WELDING POSITION CAPACITY

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

PROCESS SPECIFIC CAPACITY

Welding processes:

- STT GMAW
- Dual torches Pulsed GMAW
- FCAW
- Standard single or dual torch(es) GMAW

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
- Hydraulic: HPU
- Shielding Gas: Bi-mix (Ar - He) or Tri mix (Ar - He - CO2)