

# MULTINAX

MULTINAX IS SERIMAX'S SOLUTION DEDICATED TO 1G PRE-FABRICATION WELDING. IT IS A VERSATILE, NARROW GAP GMAW ASSEMBLY TOOL AIMING TO DELIVER HIGH PROPERTY STANDARDS FOR ALL DIAMETERS FROM 6".



## COST-EFFECTIVE PIPELINE FABRICATION

- Fully automated welding solution for repeatable weld quality and integrity
- Focus on quality: GMAW in 1G, designed to achieve SCR weld properties
- Facilitate pre-fabrication activities
- Improved work environment and operational safety standards

## TECHNICAL DESCRIPTION

### EQUIPMENT MAIN DESCRIPTION

- Arm Overall Dimension (L x l x h): 1000mm x 900mm x 260mm
- Weight: Approx 1200 kg
- Operating Temperature: -10°C to +50°C
- Bevel: Narrow Gap J type
- Coating Cut back: Corrosion coating= 205.5mm mini / Concrete coating= 283mm mini
- Bevel: Mechanized Seam tracking system

### PIPE DIAMETER CAPACITY

- OD min: 6.625" / 168.3mm
- OD max: 64.00" / 1625.6mm
- WT max: 1.38" / 35.0mm

### WELDING POSITION CAPACITY

- 1G (Prefab, DJ)

### PROCESS SPECIFIC CAPACITY

#### Welding processes:

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

#### Welding speed:

- up to 120 cm/min

#### Pipe Wall thickness:

- up to 35mm

### 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: 40 kVA - 415/460 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)