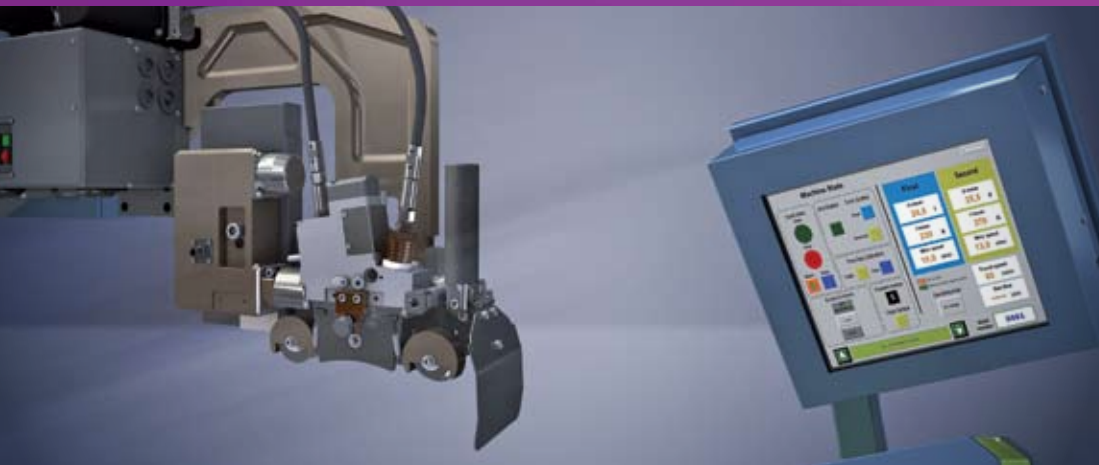


MULTINAX 07

MULTINAX IS SERIMAX'S SOLUTION DEDICATED TO 1G WELDING FOR MULTI-JOINTING APPLICATIONS. IT IS A VERSATILE, LOW COST NARROW GAP GMAW ASSEMBLY TOOL AIMING TO DELIVER SCR MECHANICAL PROPERTIES STANDARDS FOR ALL DIAMETERS STARTING AT 4".



Multinax is a robust, modular solution incorporating field-proven mechanical seam-tracking for narrow gap welding. It can be quickly and efficiently mobilised for temporary or fixed workshops, and reduces costs due to automatic management of the welding cycle requiring less-skilled welding operators.

Multinax can be used across a range of double-jointing premium markets. These will include C/Mn flowlines and SCR double-jointing prefabrication manufacturing, as well as the double-jointing of stainless steel materials such as Duplex, Super Duplex and 13%Cr. It is also a cost-effective welding solution for prefabrication assemblies such as pipe to collar, pipe to flange, and pipe to bend.

BENEFITS

- High-quality prefabrication welds
- Enhanced mechanical performance
- Reduced costs
- Mechanical seam-tracking
- Narrow-gap GMAW
- Automation requires less skilled welders
- Modular concept for quick mobilisation

SPECIFICATIONS

DIMENSIONS

(LxHxW in mm)

Arm dimensions: 1000 x 900 x 260

Control command unit dimensions:
700 x 500 x 260

Control panel dimensions:
600 x 400 x 150

Power sources rack size:
700 x 700 x 600

EXTERNAL SUPPLIES

40KVA depending on MULTINAX support

415—460 VAC Tri Phases + 220VAC
Single Phase—50/60Hz

Air pressure supply: 7 Bar

Welding shielding gas flow rate:
30-65 L/min

OFFSHORE/ONSHORE CONFIGURATION

Integrated on a beam or robot

WORKSHOP

Integrated on a column and boom

WELDING CAPABILITIES

WELDABLE MATERIALS

All carbon steel

Stainless steel

Clad pipes

Corrosion resistance alloy

WELDING RANGE

Pipe diameter range: 8" – 64"

Pipe thickness: up to 35mm

Welding position: 1G

Fill to Cap: Single or Dual GMAW

Narrow-gap bevel

Mechanised seam-tracking device

Welding speed: 60-120cm/min

Cut-back: 200mm

Working temperature: 0°C to +50°C