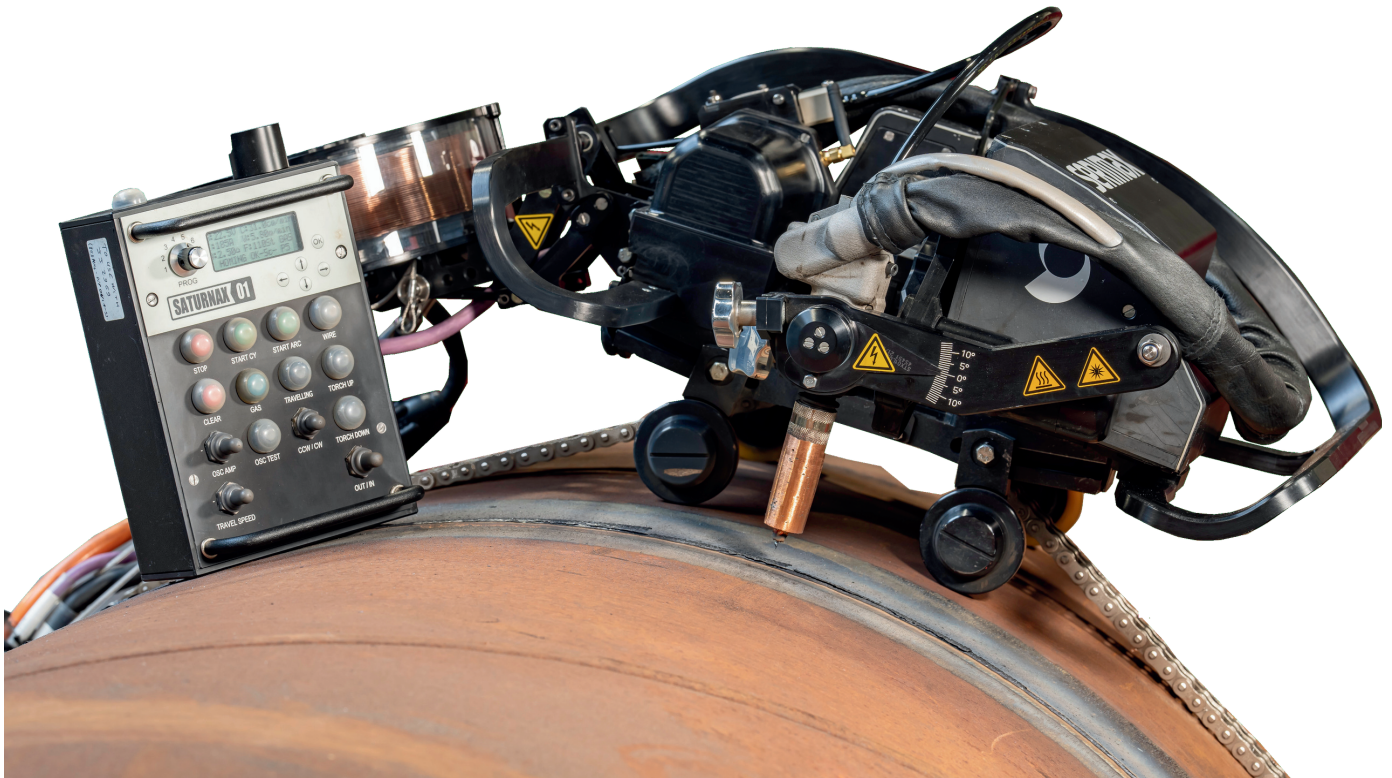


Saturnax 01

A lightweight, mechanised GS-FCAW, flexible, ultra-low profile welding bug. Saturnax 01 not only enhances welding precision and productivity but also upskills local resources. It comes with a digital training platform ensuring that operators, regardless of their initial skill level, can quickly adapt and excel, filling a critical market gap.



By increasing welding efficiency and accuracy, Saturnax 01 minimizes material waste and reduces the carbon footprint of welding projects.

- Increased productivity
- Agile & versatile
- Empowers your welders
- Reduces costs (CAPEX)
- Light-weight design
- Easy maintenance

Saturnax 01



Equipment description range

- From 8.625" mm and above
- Up to 50mm pipe thick in standard configuration
- Bug and chain or magnetic track
- Pendular oscillation
- Bug embedded wire feeder
- Multi power source compatibility
- Optional base with magnetic track and rings for specific applications
- Flat profile

Applications

- Line Description: Refineries, all pipe tie ins, fabrication, renewable, and all welding tubes or plates
- Material/Pipe Grade: Carbon steel & stainless steel

Welding capabilities

- Process: FCAW
- Position: All
- Number of welding heads: 1
- Travel speed: Up to 40cm/min
- Specifications & codes: All welding codes and standards

Technical Criteria

- Weight of welding carriage: 10Kg
- Lowest radial clearance required 165mm
- Operating temperature range: -40°C (-40°F) to 50°C(122°F)
- Uphill and downhill welding
- Wireless operation
- Automatic stick out control
- Welding data monitoring and recording

