

More productive  
More competitive  
Enhanced ROI



Automation solutions for  
Welding, Handling

moving forward with  
INDUSTRY 5.0

**Robologic**

[www.robologic.co.in](http://www.robologic.co.in)



## CORE VALUES



INNOVATION



GOALS



TEAM WORK



COMMITMENT



INTEGRITY



CUSTOMERS



RESPONSIBILITY



moving forward with **INDUSTRY 5.0**

# UNLOCKING INNOVATION

## ABOUT US

ROBOLOGIC INDIA PVT LTD is a global Leading Solution Provider of Process automation, specialised in various Welding applications, and Customised Robotics Solution. The firm specialises in developing and producing automated solutions for the manufacturing sector.

Through the innovative movement of Industrial 5.0, we provide unique solutions with quality products and services that meet or exceed customer expectations.

We would be honoured to work with you and your prominent firm on industrial automation.

The Pitroda Group of Companies has made a revolutionary approach for MSMEs to support and provide technical improvement in their production line in order to exceed consumer demands by offering high quality products and services that meet or beyond our customer's expectations.

## MISSION

By ensuring efficient Automation Solutions that will enhance the quality and throughput of manufacturing operations, we aim to assist industries to overcome the skill gap.

## VISION

Advancing the manufacturing industry by delivering a compelling value proposition to our clientele and become a renowned and trustworthy solutions provider.

## Industry Memberships



## GLOBAL PRESENCE,

Unifying global expertise  
From Local Excellence to Global Scale

Our Presence Spans Nations  
with More to Come

Currently operating in INDIA, UAE, SAUDI, KUWAIT, QATAR, BANGLADESH and EGYPT  
with many more markets on the horizon



## AWARDS THAT RECOGNIZE OUR PROMISE,



## INTELLIGENTLY ENGINEERED, INNOVATION UNLEASHED,

**1105+**

Automation Solutions  
8 Years | Global

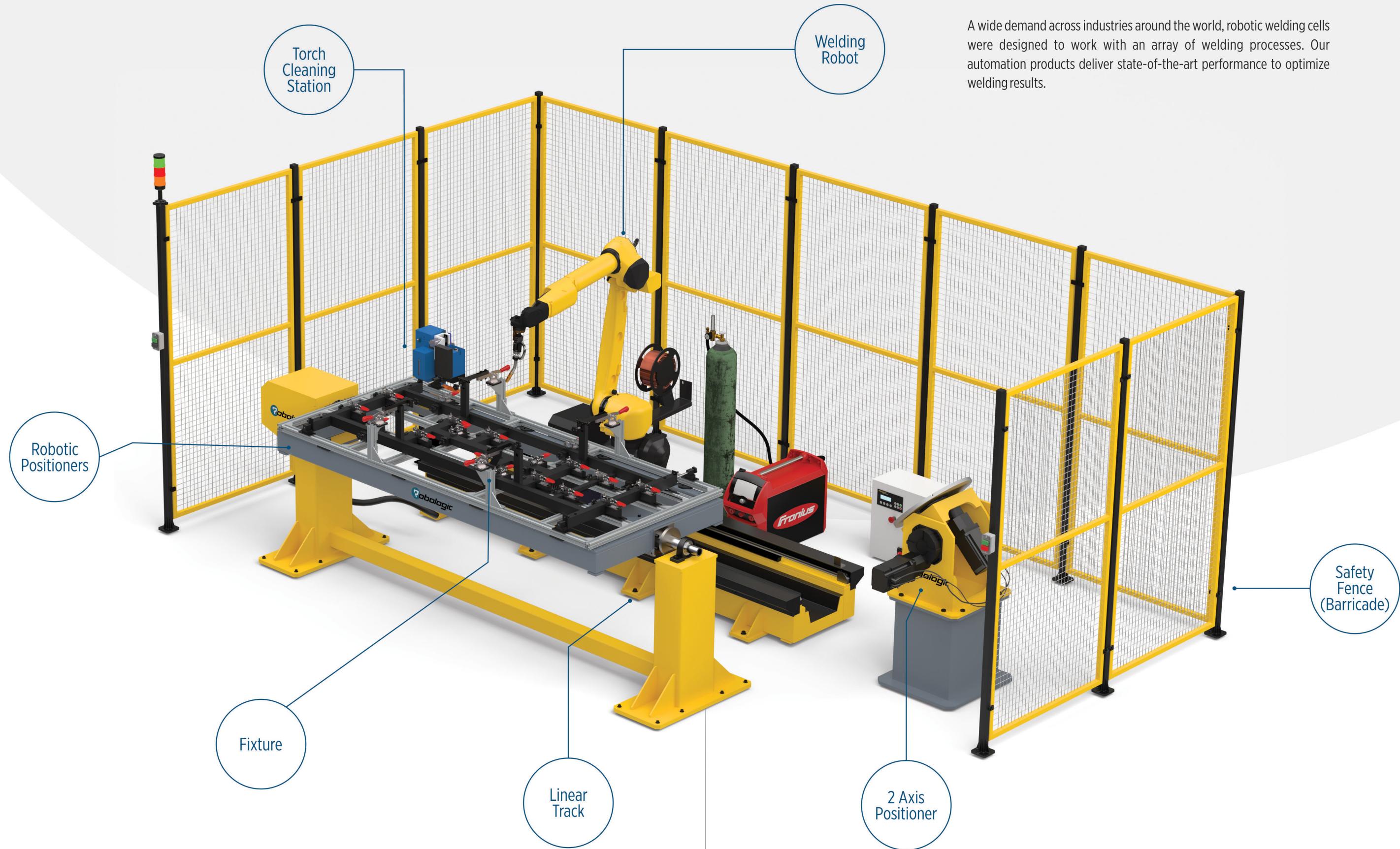
**35+**

Industry  
Applications

**55+**

Proven Products  
for Customers

# ROBOTIC WELDING



# CUSTOMIZED ROBOTIC SOLUTIONS



Optimum Integration



Multiplied Productivity



Modular Robotic Solution

Sustainable Competitiveness



■ PEB Robot Linear Track



■ Single Axis Head & Tail Positioner



■ 2 Axis Positioner



■ Robotic Shell



■ U Jack Stiffner (Scaffolding)

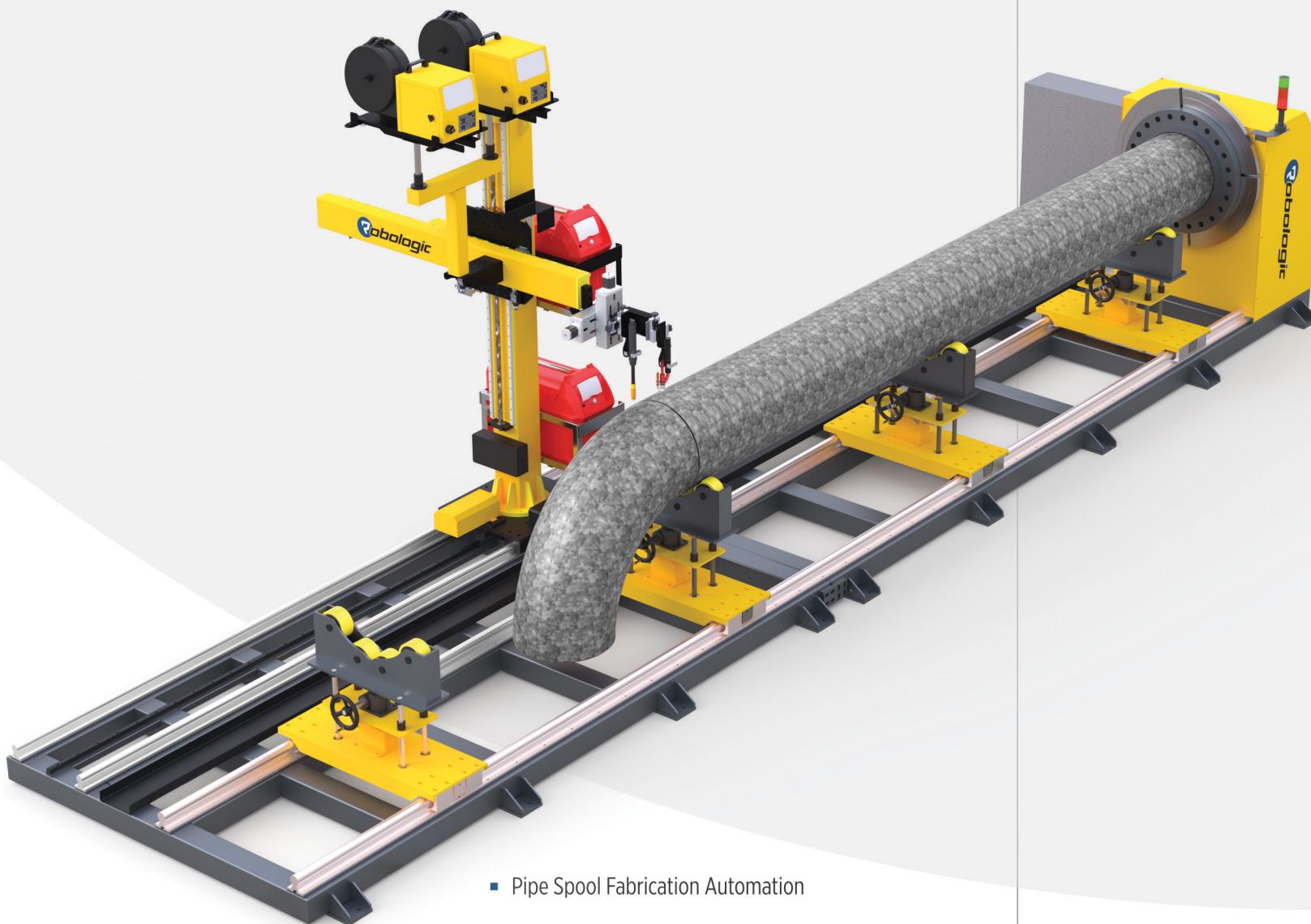


■ Scaffolding Cuplock Pin



■ Material Handling

# SPECIAL PURPOSE MACHINE



■ Pipe Spool Fabrication Automation



■ Submersible Bowl Welding SPM



■ Rotavator Flange Welding SPM



■ Long Seam Welder

## INDUSTRIES APPLICATION



Automobile



Scaffolding



Agriculture



Hydraulic Cylinder



Pump



Compressor



Valve



Conveyor Roller



Crane



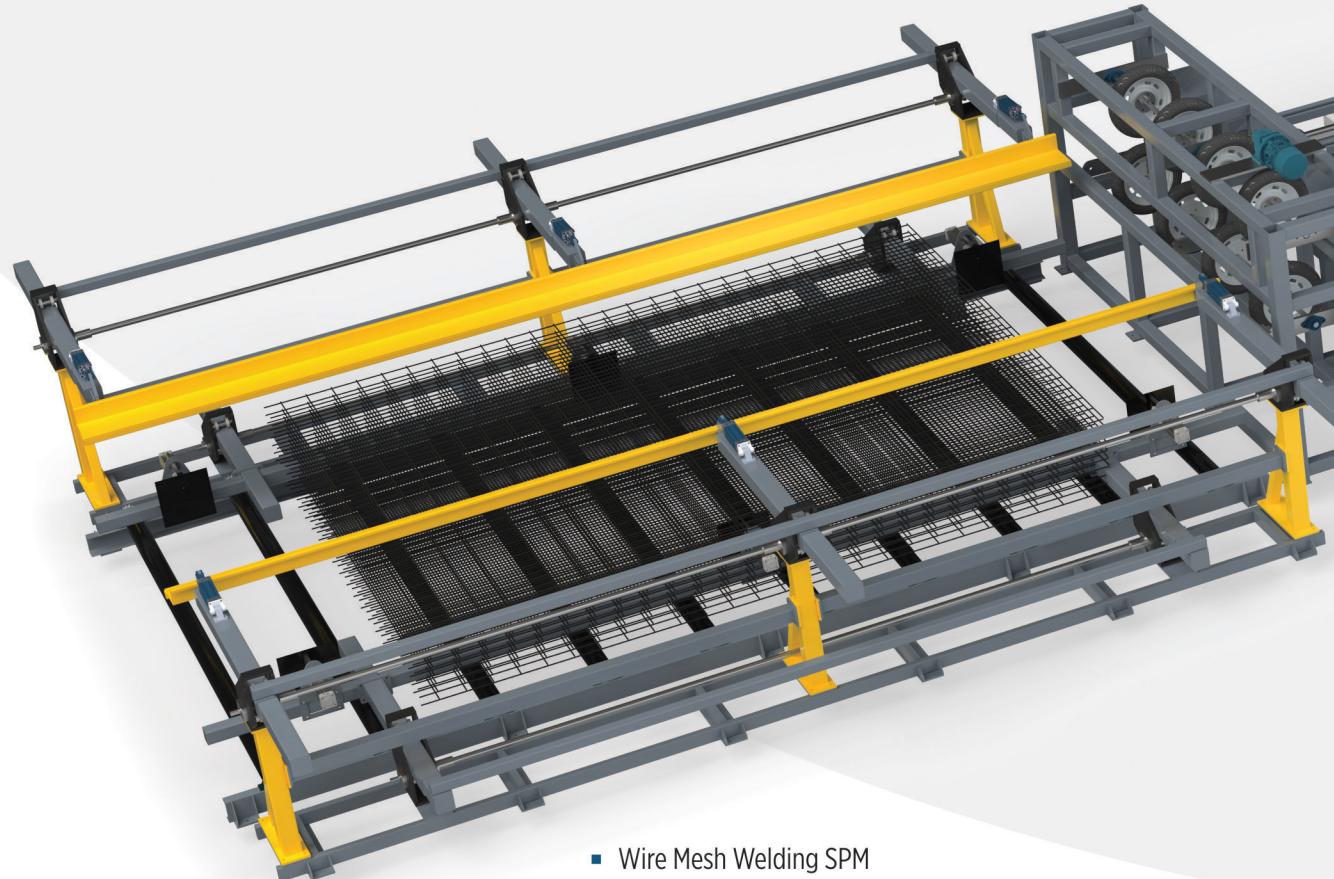
Pressure Vessel

Welding SPM helps to increase productivity and Repeatable high quality welds. We provide unique customized solution with delivering high quality products and services that meet or exceed our customer's expectations by a revolutionary movement of Industrial 5.0.

### Key Features:

- Simplified operations
- Consistent Quality and Productivity
- Precise travel speed and torch angle reduces weld defects
- Unskilled and semi skilled operator can operate
- Overlap, On delay, Off Delay, Speed Control and more functions

# SPECIAL PURPOSE MACHINE<sub>I</sub>



■ Wire Mesh Welding SPM



- Integrated Reducer Drive System
- FEA Optimized Structure

- Reputed Make Control Element
- Rapid Adjustment With Two Way Connector



■ Hydraulic Cylinder Welding SPM



■ Customized Welding Solution



■ Oil Port Welding SPM



■ Compressor Tank



■ Bowl Welding

# WELDING AUTOMATION EQUIPMENT



▪ Welding Positioner



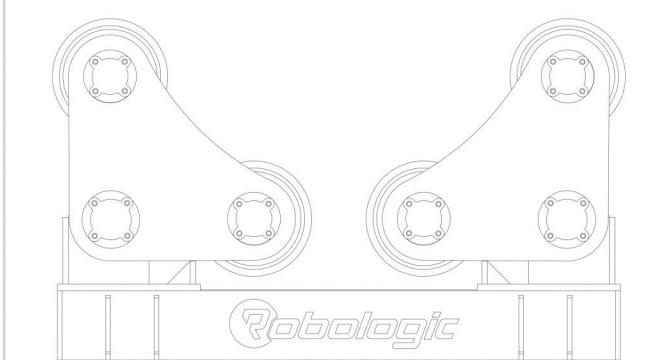
▪ Customized Welding Positioner



▪ Bolt Type Rotator

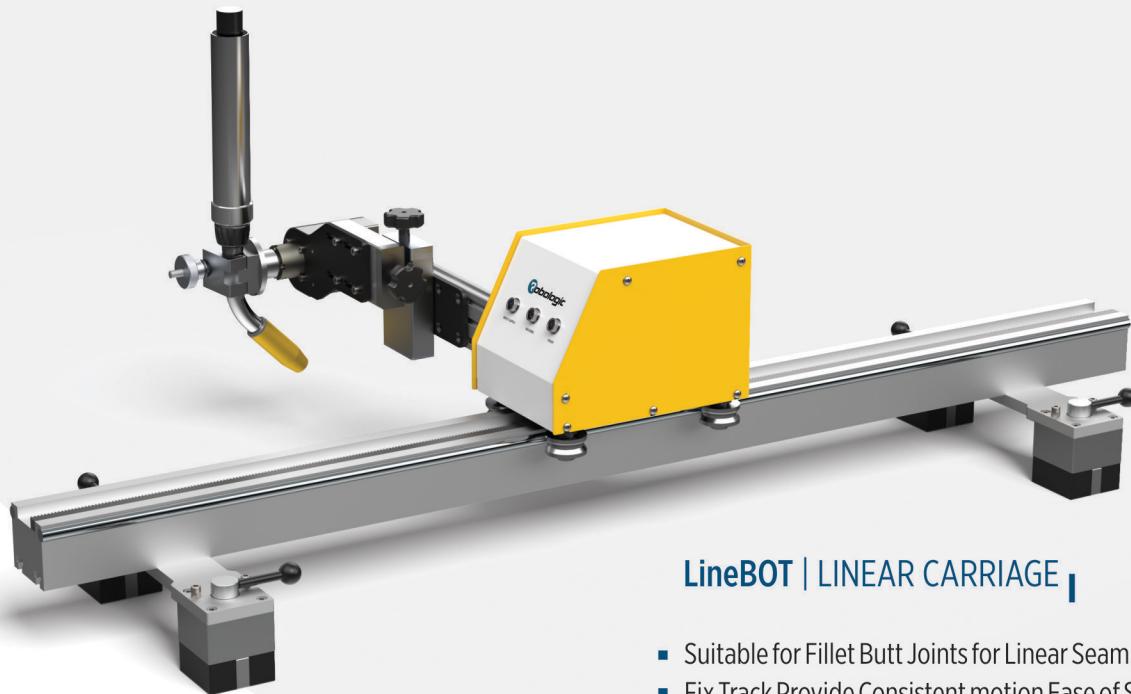


▪ Self Centering Rotator (Screw Type)



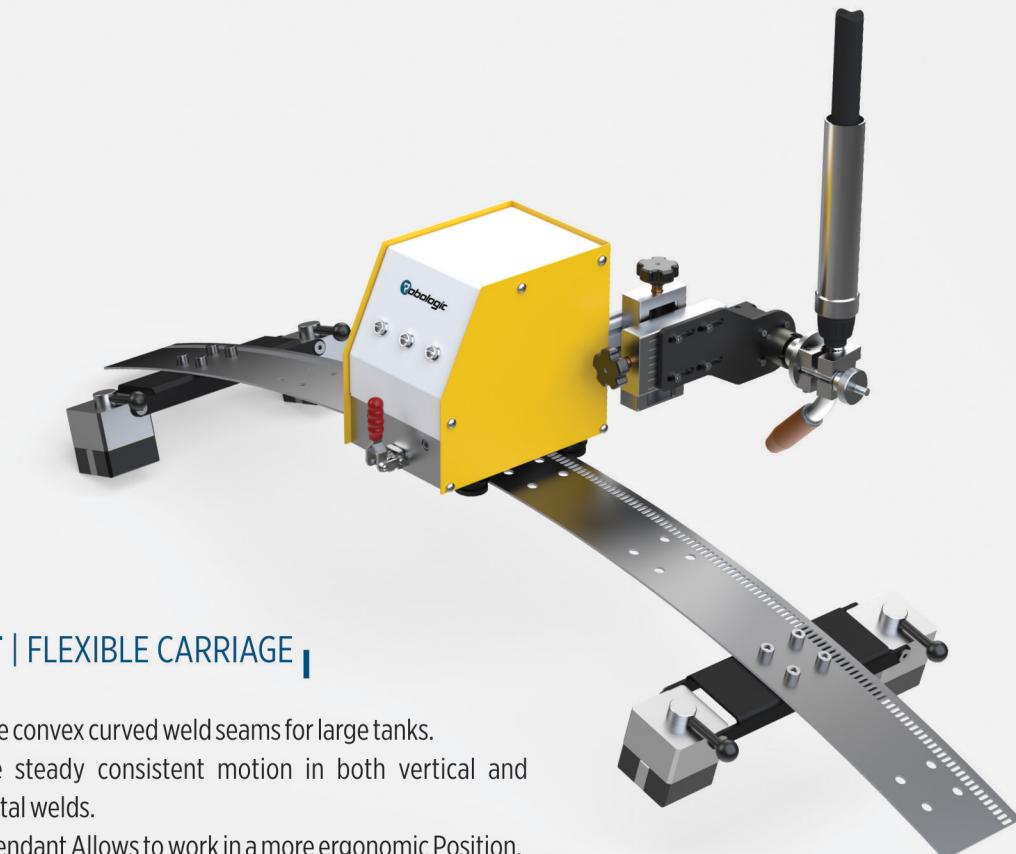
▪ Self Aligned Rotator

# WELDING CARRIAGE,



## LineBOT | LINEAR CARRIAGE |

- Suitable for Fillet Butt Joints for Linear Seam.
- Fix Track Provide Consistent motion Ease of Setting.
- Remote Pendant Allows to work in a more comfortable Position.
- Oscillation with Programmable Function.
- Torch Fine Adjustment Using a Precise Cross Slide.



## FlexBOT | FLEXIBLE CARRIAGE |

- Concave convex curved weld seams for large tanks.
- Provide steady consistent motion in both vertical and horizontal welds.
- Hand pendant Allows to work in a more ergonomic Position.
- Programmable weaving options.
- Precise cross-slide torch adjustment.



## MagBOT | MAGNETIC CARRIAGE |

- Compact & lightweight design for narrow spaces.
- Precise cross-slide torch adjustment.
- Maintenance free, 4-wheel planetary gear drive.
- Self-guiding roller arms eliminate the need for track.
- Precise travel speed reduces weld defects.



## ArcBOT | TUBE SHEET WELD |

- Portable Welding Head Allows Quick Setup.
- For flush tube and projected tube ends.
- Suitable For MIG Welding.
- Weld Cycle Control with Overlap Function.
- Pneumatic mandrel/mechanical clamp for easy positioning.

# AUTO WELD ACCESSORIES,

COLD WIRE FEEDER |



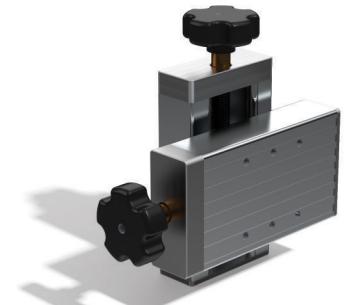
LASER SEAM TRACKER |



WATER CIRCULATION UNIT |



XY SLIDE |



WELDING OSCILLATOR/AVC |



WELDING CAMERA |



WELDING CHUCK |



WELDING CONTROLLER |



# OUR CLIENTELE |



INNOVATION TO  
INNOVATION



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ROBOLOGIC INDIA PVT. LTD.



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