

More productive
More competitive
Enhanced ROI



Automation solutions for
Welding, Handling

moving forward with
INDUSTRY 5.0

Robologic

www.robologic.co.in



moving forward with **INDUSTRY 5.0**



UNLOCKING INNOVATION

ABOUT US₁

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.

MISSION₁

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.

VISION₁

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

CORE VALUES₁



INNOVATION

GOALS

TEAM WORK

COMMITMENT

INTEGRITY

CUSTOMERS

RESPONSIBILITY

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,



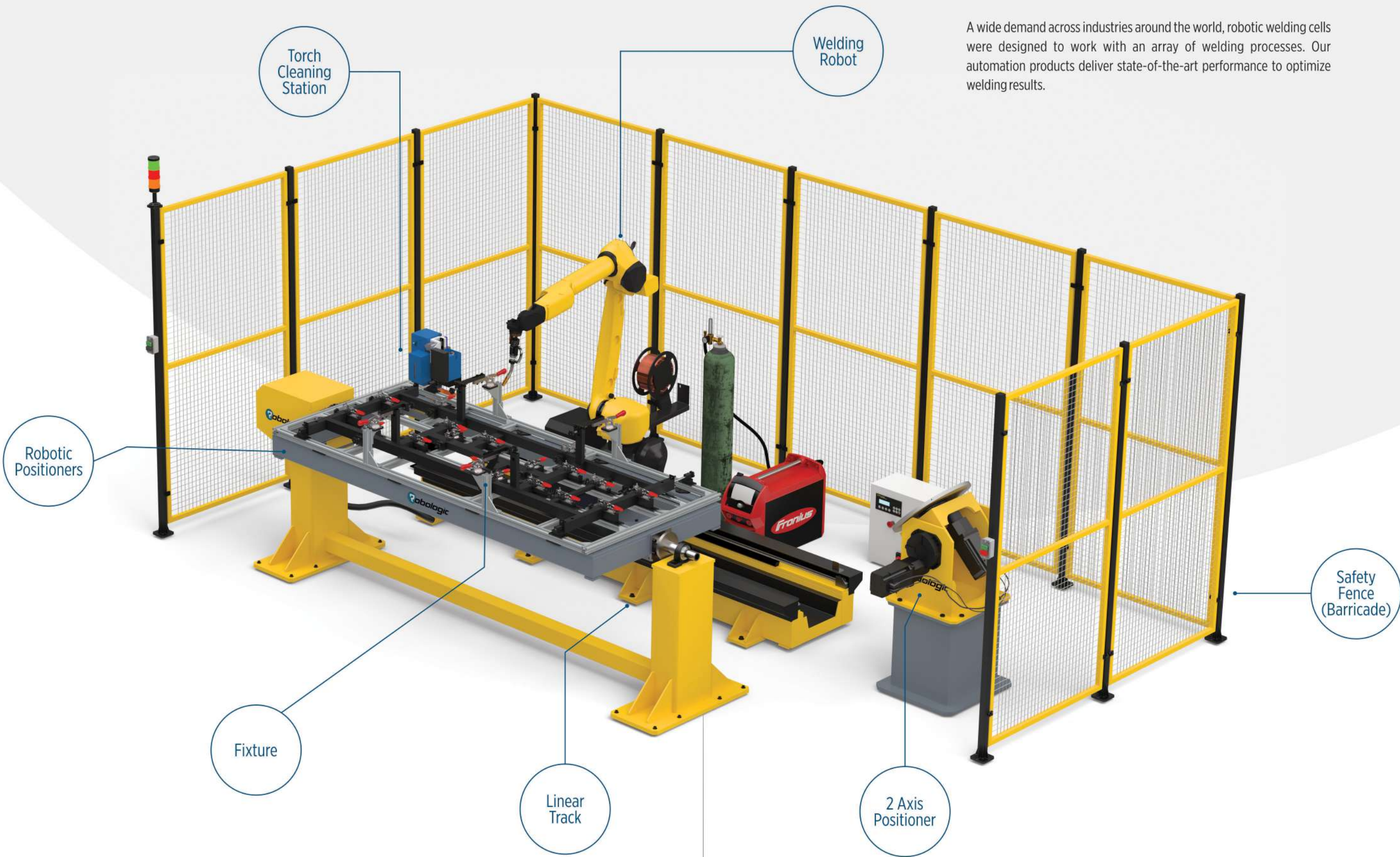
INTELLIGENTLY ENGINEERED, INNOVATION UNLEASHED,

1105+
Automation Solutions
8 Years | Global

35+
Industry
Applications

55+
Proven Products
for Customers

ROBOTIC WELDING₁



A wide demand across industries around the world, robotic welding cells were designed to work with an array of welding processes. Our automation products deliver state-of-the-art performance to optimize welding results.

CUSTOMIZED ROBOTIC SOLUTION,



Optimum Integration



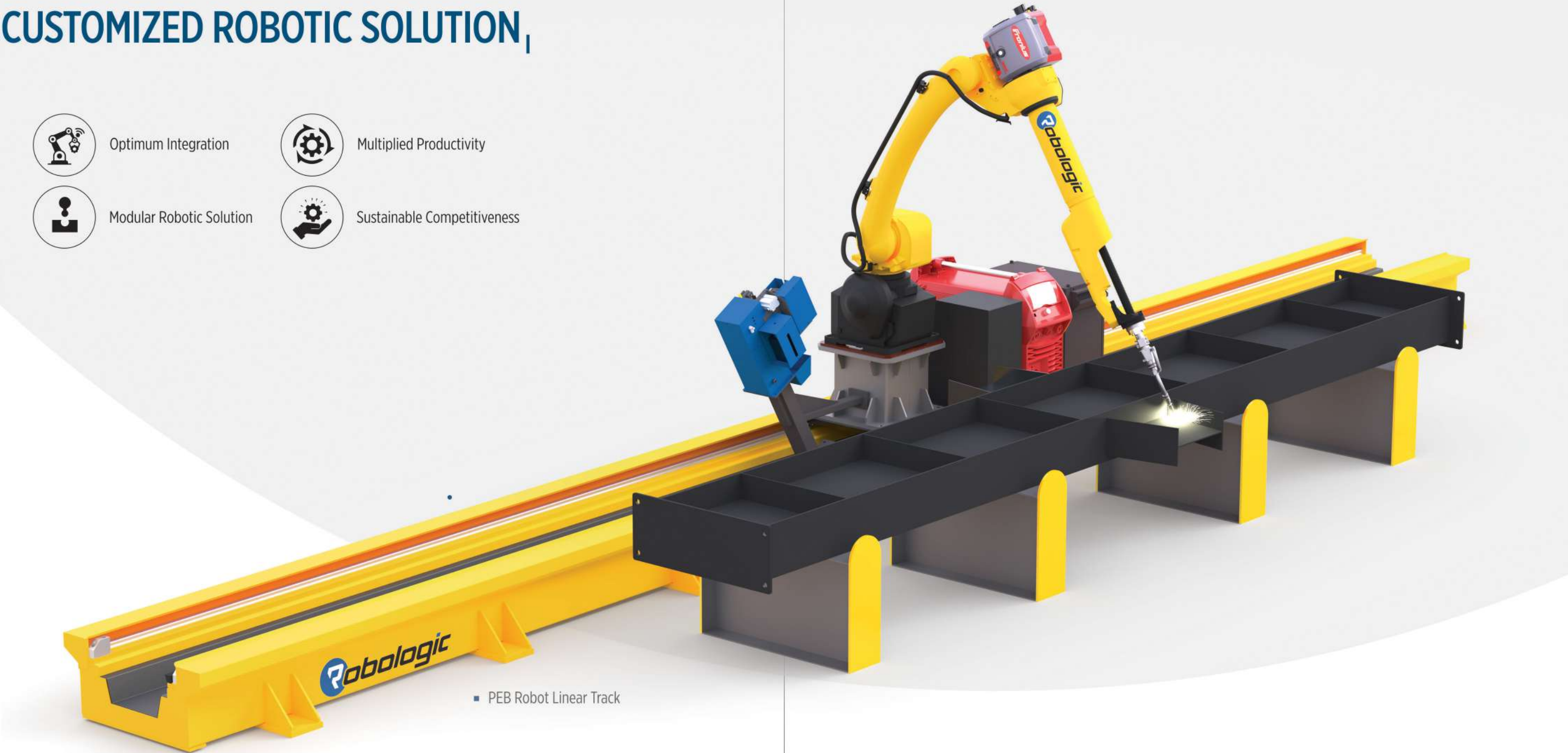
Multiplied Productivity



Modular Robotic Solution



Sustainable Competitiveness



■ PEB Robot Linear Track



■ Single Axis Head & Tail Positioner



■ 2 Axis Positioner



■ Robotic Shell



■ U Jack Stiffner (Scaffolding)

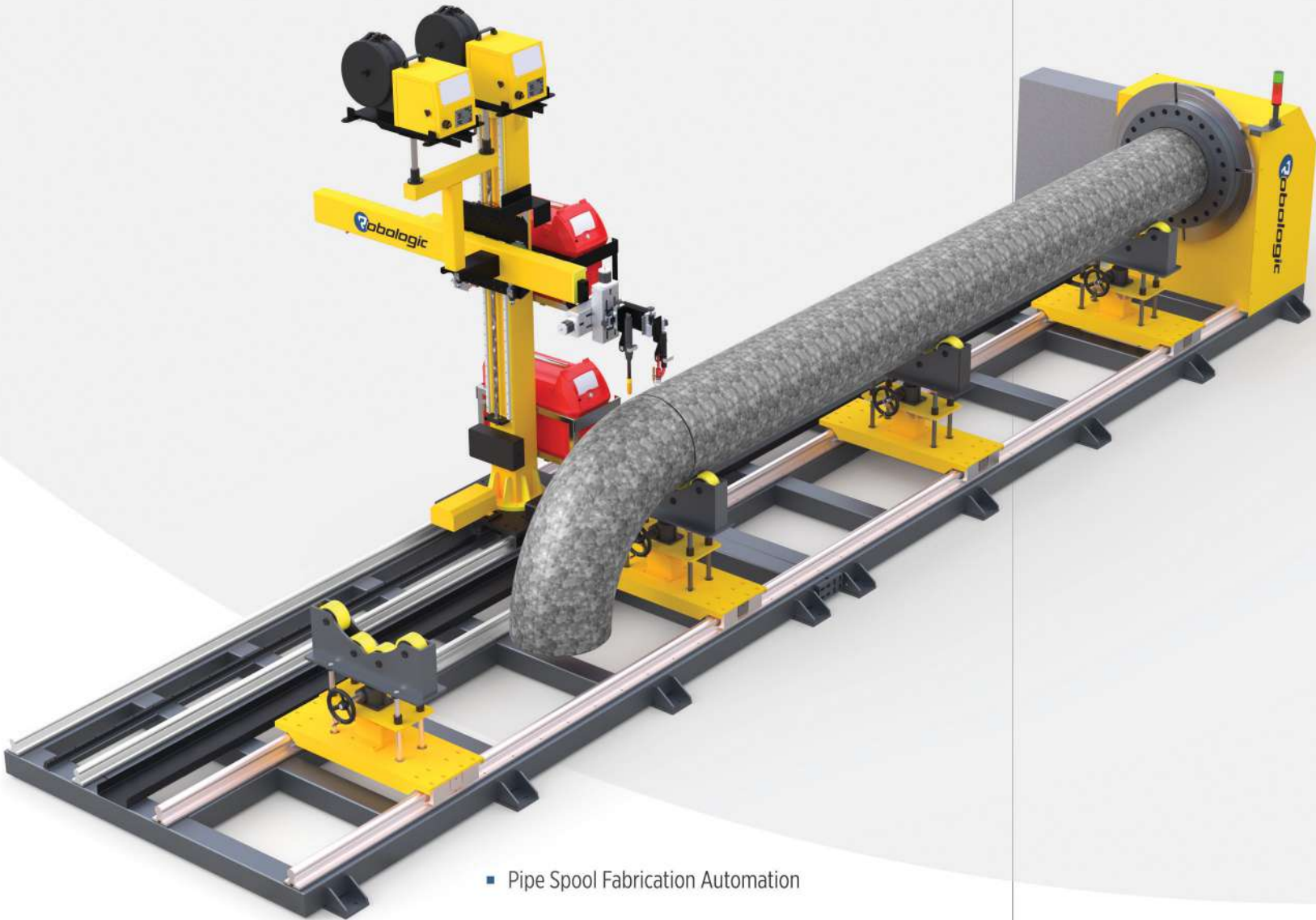


■ Scaffolding Cuplock Pin



■ Material Handling

SPECIAL PURPOSE MACHINE,



■ Pipe Spool Fabrication Automation

INDUSTRIES APPLICATION

- | | |
|---|--|
|  Automobile |  Scaffolding |
|  Agriculture |  Hydraulic Cylinder |
|  Pump |  Compressor |
|  Valve |  Conveyor Roller |
|  Crane |  Pressure Vessel |



■ Submersible Bowl Welding SPM



■ Rotator Flange Welding SPM



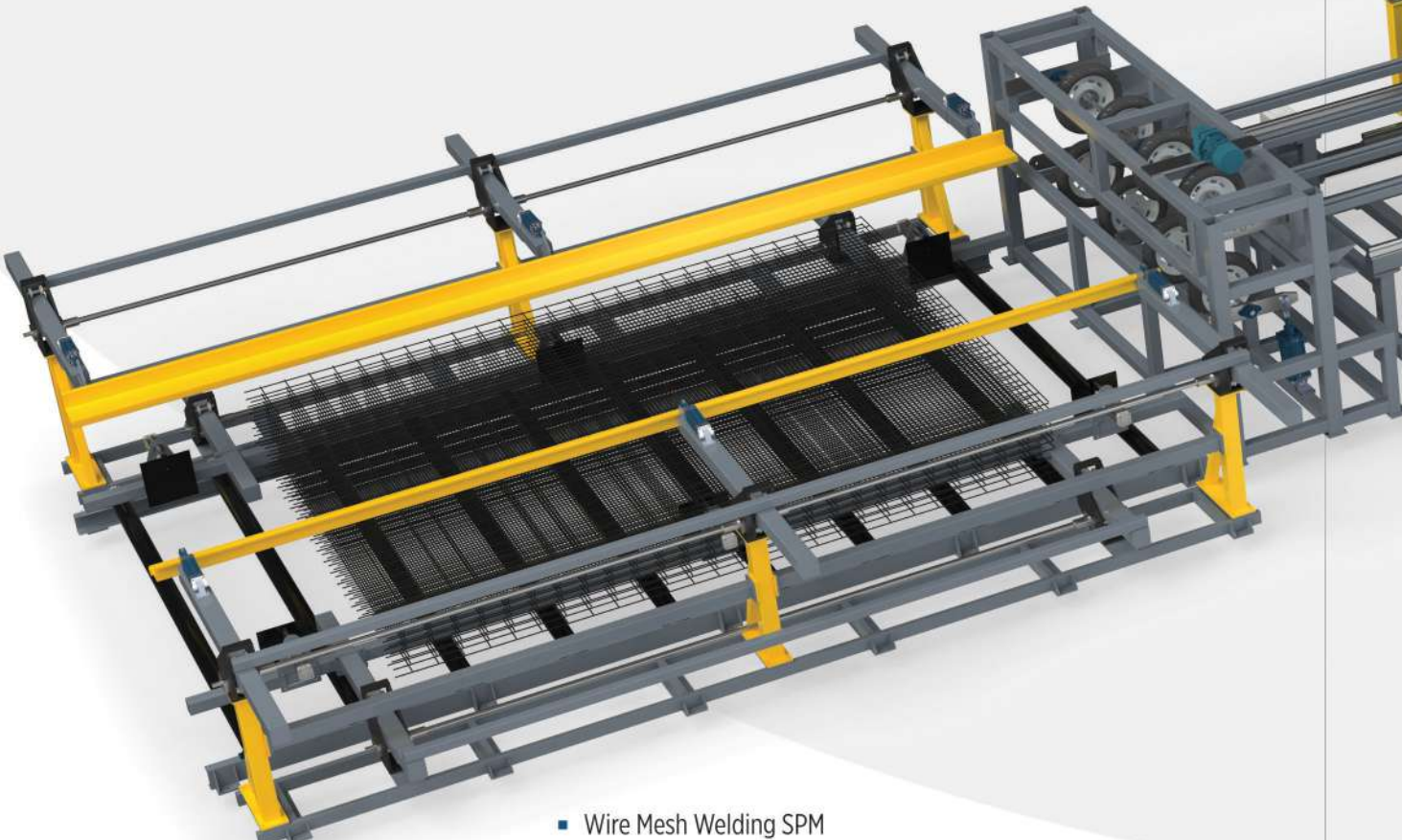
■ Long Seam Welder

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.

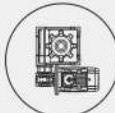
Key Features:

- 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,



■ Wire Mesh Welding SPM



Integrated Reducer Drive System



Reputed Make Control Element



FEA Optimized Structure



Rapid Adjustment With Two Way Connector



■ Hydraulic Cylinder Welding SPM



■ Customized Welding Solution



■ Oil Port Welding SPM



■ Compressor Tank



■ Bowl Welding

WELDING AUTOMATION EQUIPMENT,



■ Column And Boom



■ Welding Positioner



■ Customized Welding Positioner



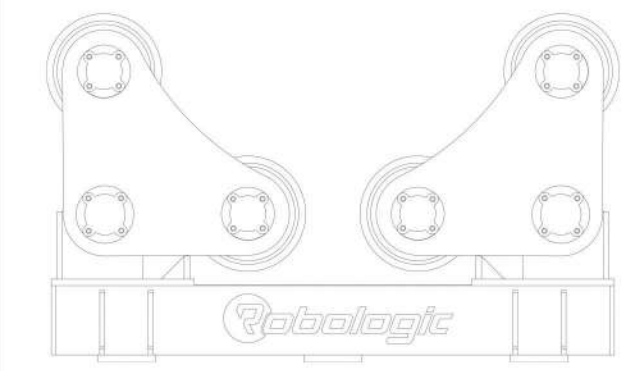
■ Welding Rotator



■ Bolt Type Rotator



■ Self Centering Rotator (Screw Type)



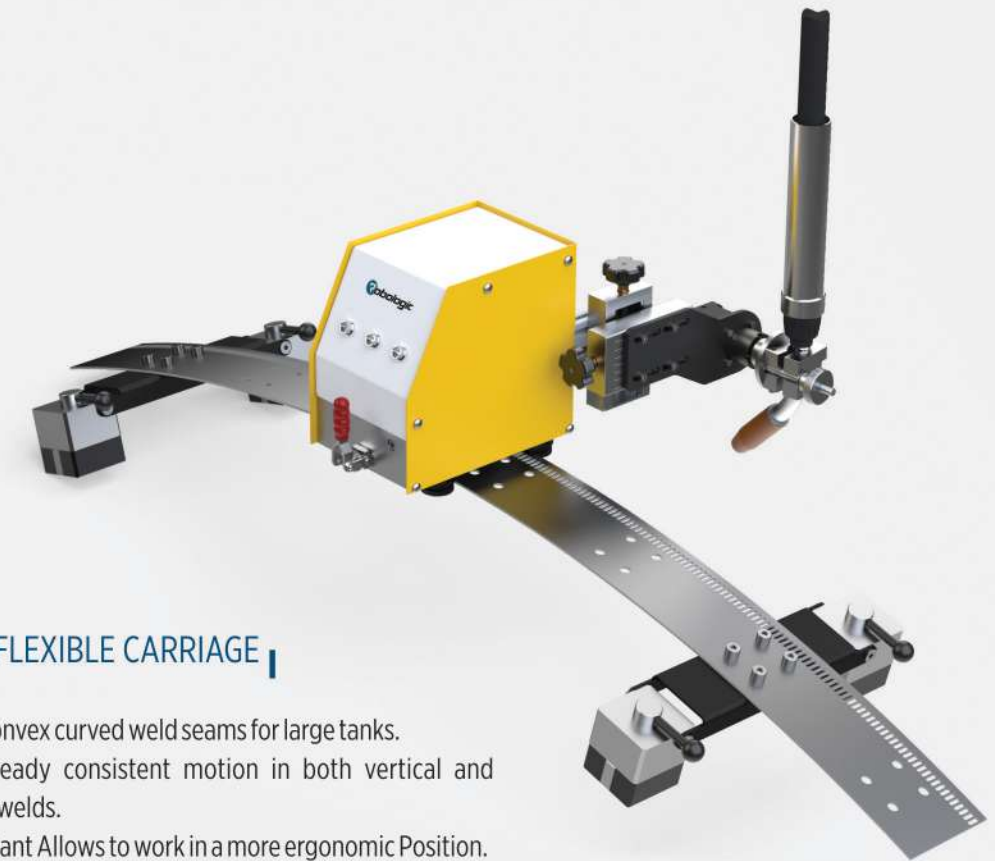
■ Self Aligned Rotator

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 |



WELDING OSCILLATOR/AVC |



LASER SEAM TRACKER |



WELDING CAMERA |



WATER CIRCULATION UNIT |



WELDING CHUCK |



XY SLIDE |



WELDING CONTROLLER |



OUR CLIENTELE,



INNOVATION TO NATION



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ROBOLOGIC INDIA PVT. LTD.



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Digital Catalog