



More Productive  
More Competitive  
Enhanced ROI



## **SCAFFOLDING AUTOMATION SOLUTION**

WELDING | DRILLING



[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.

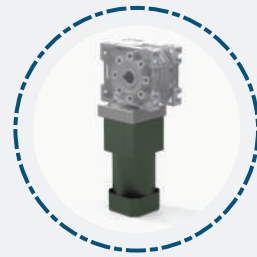
## MISSION

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.

## Key Features



Double gearbox with AC Motor and Drive which increase output torque and reduce noise



Heavy duty fabrication to reduce vibration leads to superior welding quality



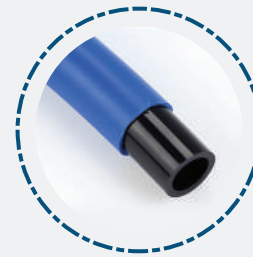
Reputed make control elements & switchgears



PLC HMI control with all standard welding functions



Torch pole with two way quick connector



Anti spatter tube for pneumatic supply

## UNLOCKING INNOVATION

- Consistent weld bead
- Reduce skill dependency
- User friendly functions
- World class technology



## CUPLOCK (VERTICAL) WELDING SPM



### Key Features

- Six cup welding at same time
- No pre-tack required
- 25-30 sec weld cycle / pcs
- Servo enabled rotary motion
- PLC + HMI for easy program
- Welding cutter
- Fully programmable

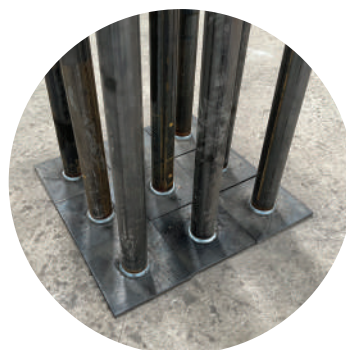


## LEDGER (HORIZONTAL) WELDING SPM



### Key Features

- Two welding at same time
- No pre-tack weld required
- 12-17 sec weld cycle / pcs
- User friendly welding functions
- Suitable for jack & prop welding
- Welding counter
- Full digital control



## BASE JACK WELDING SPM



### Key Features

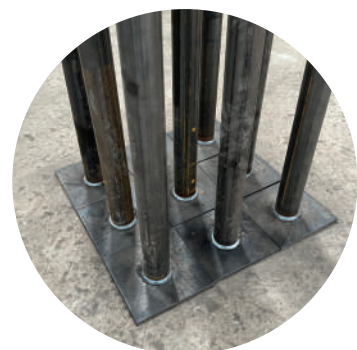
- Compact design required less floor space
- No pre-tack weld required
- 12-17 sec weld cycle / pcs
- User friendly welding functions
- Suitable for u & I clamp also
- Full digital control

## INNER / OUTER PROP WELDING SPM



### Key Features

- No pre - tack required for sleeve
- Weaving function
- 17-20 sec weld cycle / pcs
- Dual head welding
- Suitable for base, u & l clamp
- User friendly digital control



## ROBOTIC CUPLOCK PIN WELDING



### Key Features

- 2 welding station
- Consistent weld quality
- Pneumatic clamping
- Suitable for multiple variant
- Upto 3000 mm length
- Adjustable fixture
- Optimised cycle time

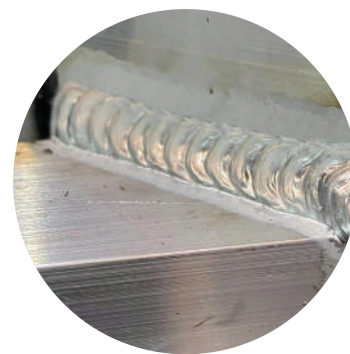


## ALUMINIUM FORMWORK ROBOTIC WELDING



### Key Features

- Pulse mig welding for aluminium
- Auto touch function (optional)
- Suitable for multiple variant
- Consistent weld quality
- Upto 3000 mm length
- Optimised cycle time
- Adjustable fixture

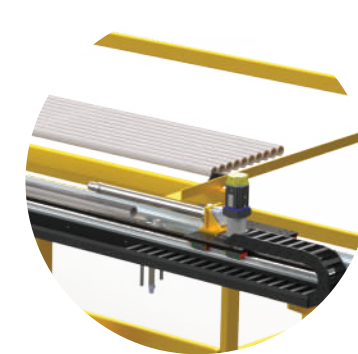
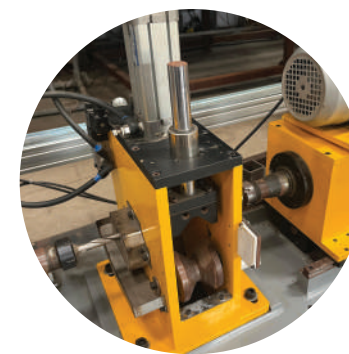


## FULL AUTOMATIC PIPE DRILLING SPM



### Key Features

- Automatic loading and unloading
- Auto sensing of pipe edge for accurate start point
- Programmable drill pitch
- Suitable for 12 mm to 18.5 mm
- 48 mm diameter (60 mm optional)
- Upto 3000 mm length
- No grinding required of drill bit



HEALTHY  
WELD JOINT LEADS  
SAFE HUMANITY

We reserve the right of modifying the technical features of machinery as stated herein.  
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