



ATE WELDING ENGINEERING ROBOTICS AND AUTOMATION PVT. LTD

**A-12, H BLOCK, PIMPRI MIDC, PIMPRI, PUNE – 411 018
(MAHARASHTRA, INDIA)**

Milestones -



January 1988

Company began mfg of welding machines

1988

2007

March 2007

Association with Tregaskiss of USA, an ITW Group company

June 2008

Formed a Pvt. Ltd. company

2008

2010

July 2010

Started execution of Automation Projects

October 2015

Scaled Automation projects to pan India level

2015

2020

Nov 2020

Became Authorized Installation partner of Miller Welding Automation U.S.A.

2022

April 2022

Became Authorized Distributor of Lorch Welding Products, Germany



Organisational Overview

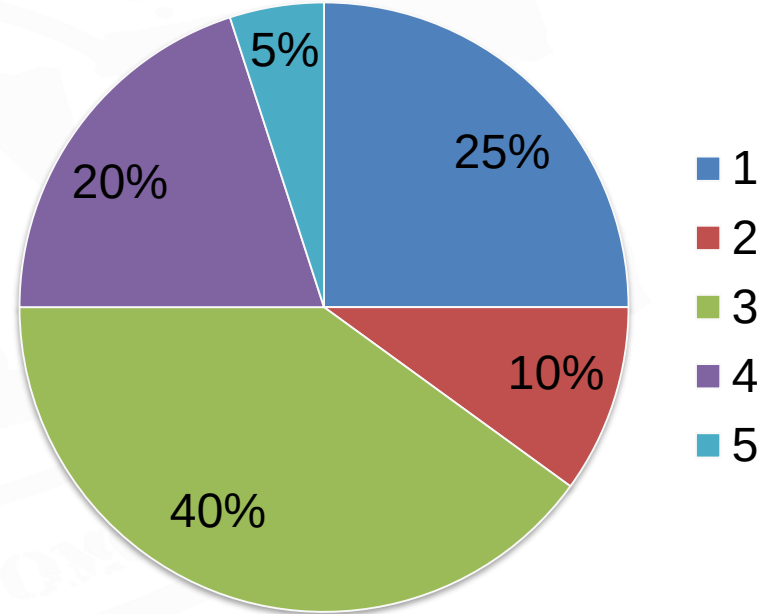
- Distributor in India for **TREGASKISS** of **USA**, an ITW Company for their Robotic, Automatic, Semi-Automatic MIG Welding Torches
- Distributor in India for **LORCH Welding Products** of **Germany**, for their MIG & TIG Welding Power Sources
- Preferred Installation Partner for **MILLER Welding Automation** of **USA** for India region



Business Verticals:

1. ATE Make MIG / TIG / ARC / SAW / SPOT Welding Machines & Plasma Cutting Machine
2. Tregaskiss MIG Welding Torches
3. Welding Automation (Robotic & SPM Systems)
4. Lorch Welding Products
5. Design Services

Sales





Key Projects

Hindustan Aeronautics Limited, Bangalore

Project - Robotic TIG Welding system with Two Positioners and Robot Track



Solid Post



Tilting Arm

HAL (Cont..)



Full Assembly of L-Type Positioner



Robot Track with Robot and Power Source

HAL (Cont...)



Robot track of 6 Mtr

Penguin Petroleum Services Pvt Ltd, Khopoli



Project : Robotic Welding System for Pipe welding (Root run of TIG and Multipasses of MIG Welding)



Magneti Marelli Motherson Shock Absorbers India Pvt Ltd, Pune

Project : MIG Welding SPM for Upper Eyelet Welding



Valmont Structures Pvt Ltd

Project : Robotic Welding System for Electricity Pole to Flange Welding



Behr India Ltd

Project : Robotic Welding Machine for EGR

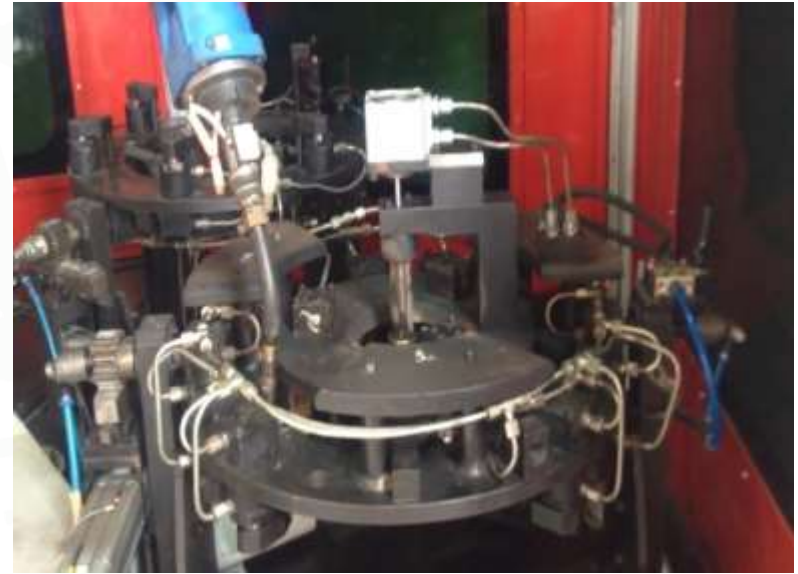


Emdet Engineers Pvt Ltd

Project : Robotic Welding of Steering Wheel



Upper Side Welding



Fixture tilts 180° for Bottom side Welding

Swaraj Automotive Pvt Ltd

Project : Automotive Seat Welding Using Robot



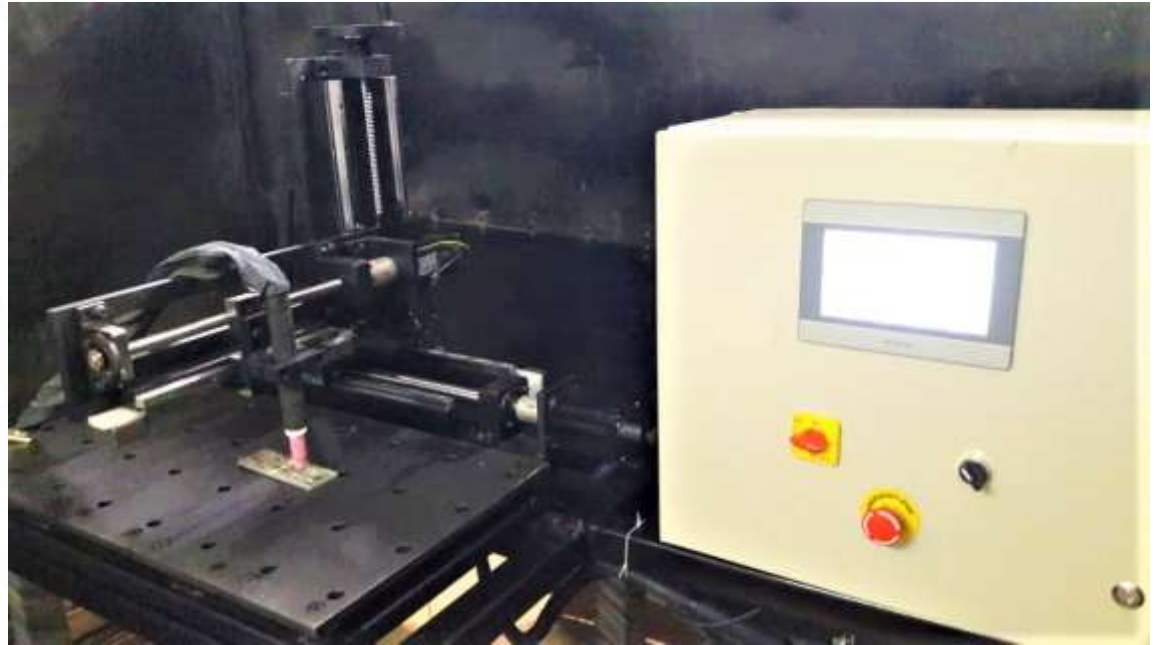
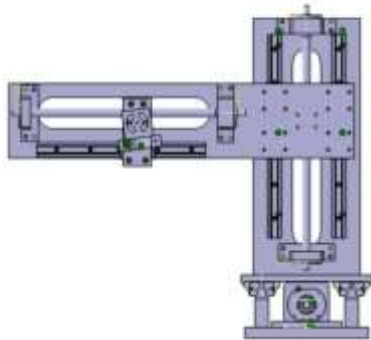
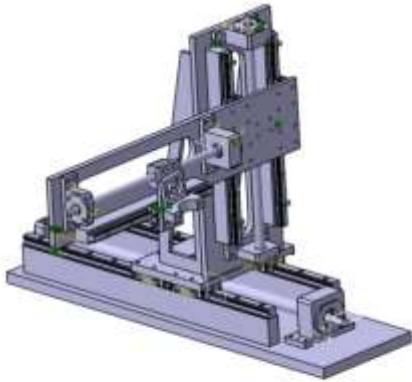
Indian Institute of Technology, Mumbai

Project : Robotic Welding Cell



National Institute of Technology, Warangal (NIT-W)

Project : Linear Welding SPM



Dibrugarh University

Project : Spot & Project Welding machine



Hindustan Aeronautics Limited, Bangalore

Project — Installation of Miller Jetline Long Seam Welding Machine



Robotic Welding Automation of Wagons



Before

After



Fully Automatic
Machine with SCADA
for conducting and
recording welding
trials for TIG and
MIG process on a
single machine



Forbes Marshall, Chakan (Pune)

Functional Test Rigs

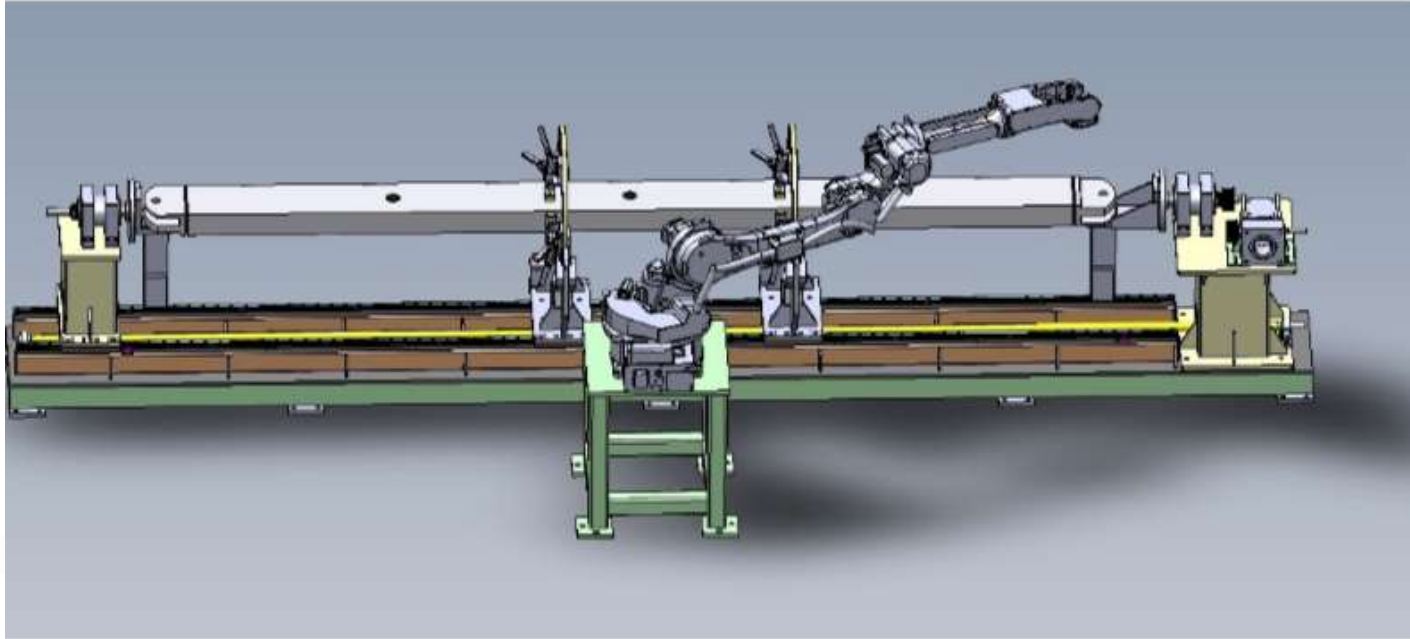




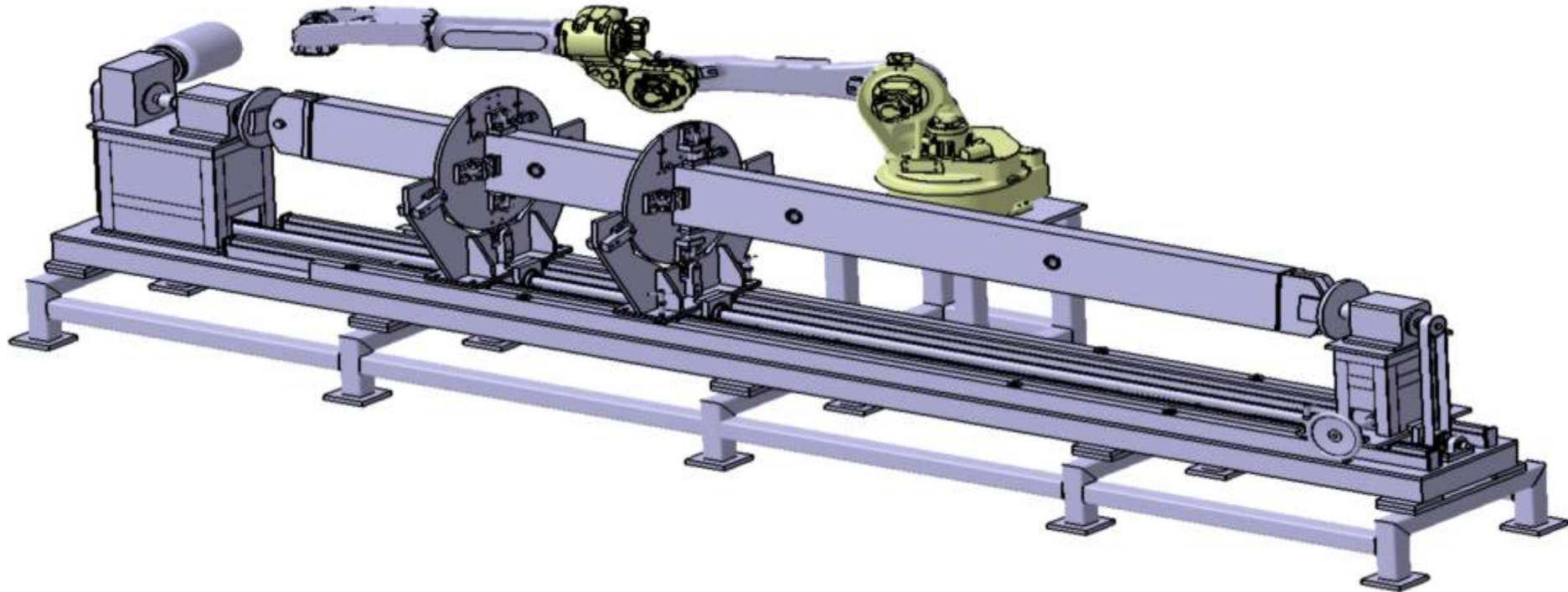
Forbes Marshall



KALA DEFENCE SPAN



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BHEL Trichy – Robotic MIG & TIG Welding with 2 Axes Positioner



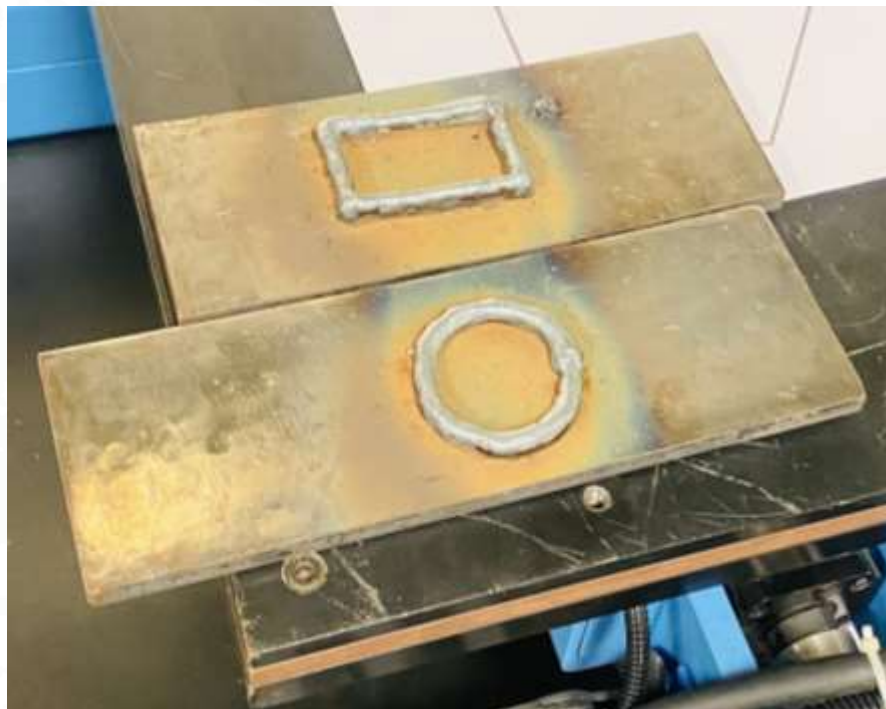




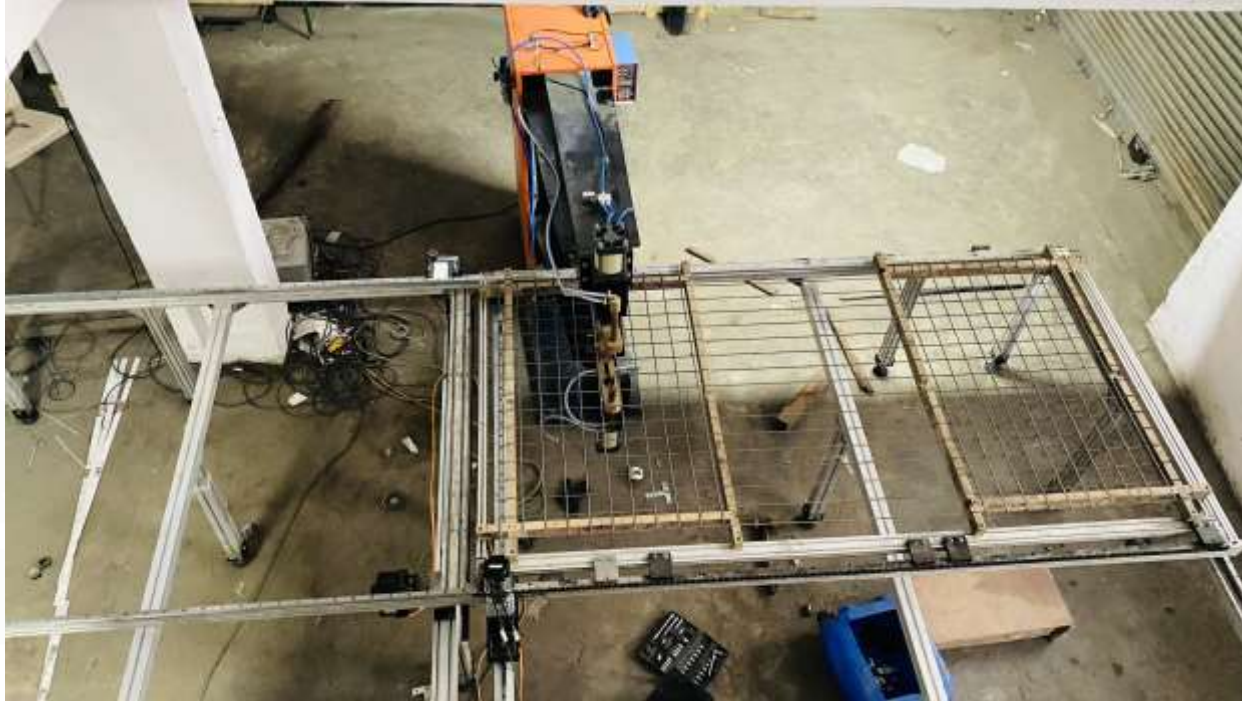
LNM Indian Institute of Technology, Jaipur

MIG Welding SPM for WAAM





Spot Welding SPM for Mesh Welding





Armoured Vehicle Nigam Ltd, Avadi

Dual Operator Thyristor Arc Welding Machine – 300Amp each





Ongoing Project

Indian Oil Corporation Ltd

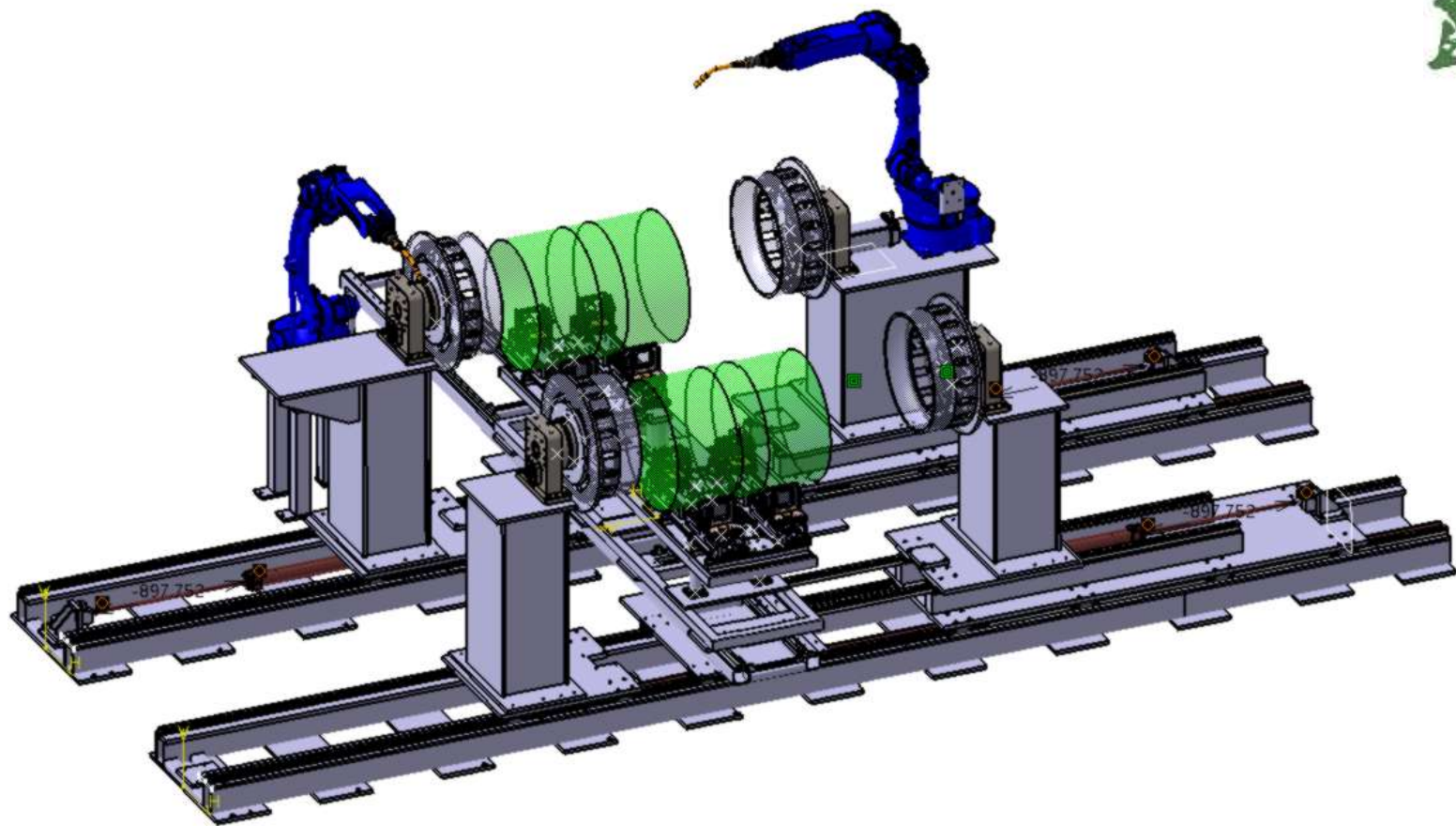
Robotic Circular Seam Welding SPM

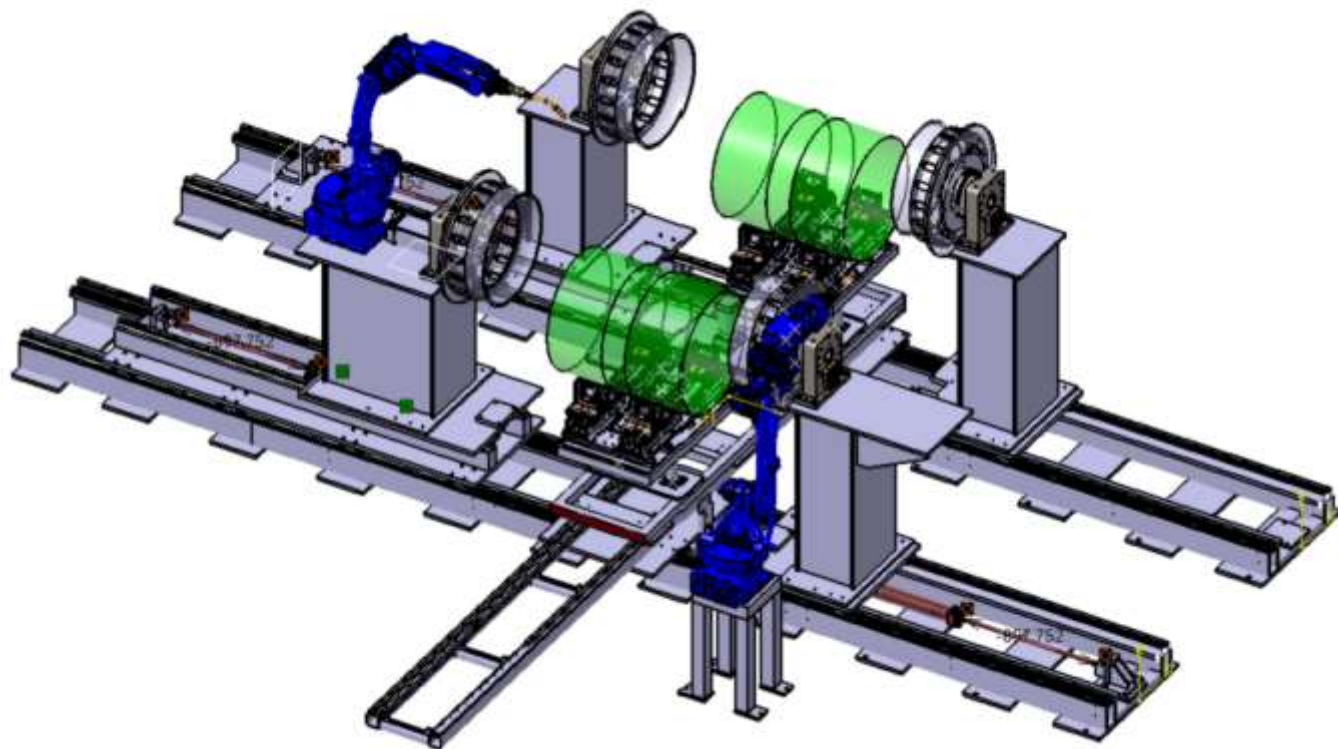
(Shell to Dish End Welding)

Configuration

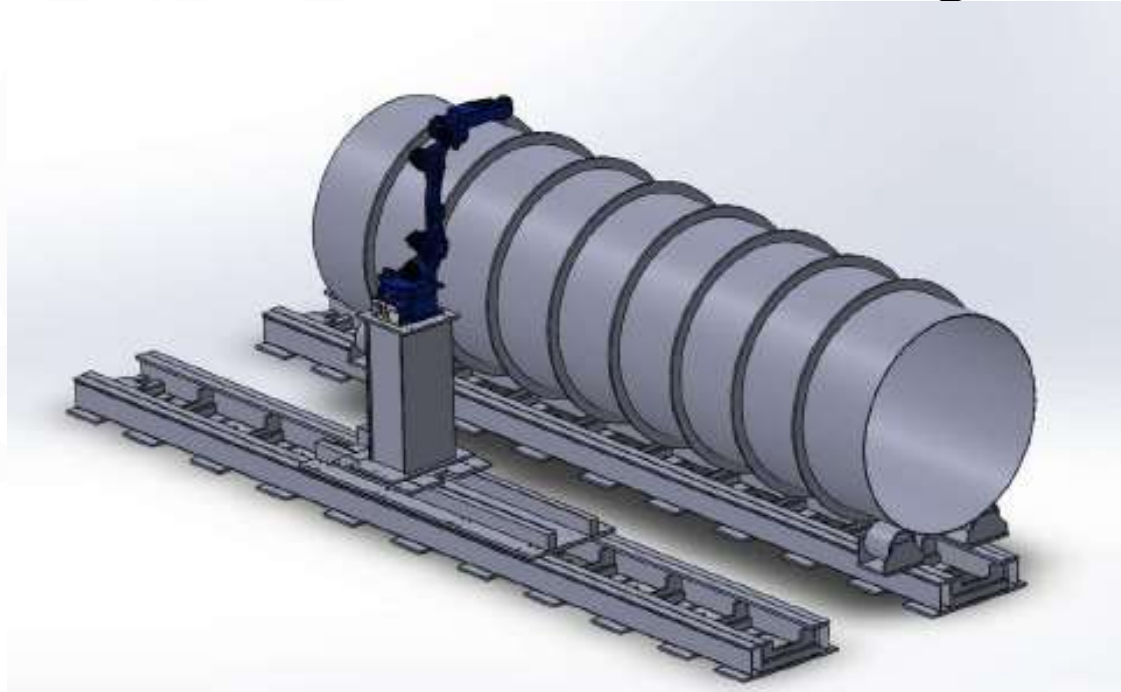
Manual Tack Welding Station & Robotic Full Welding Station

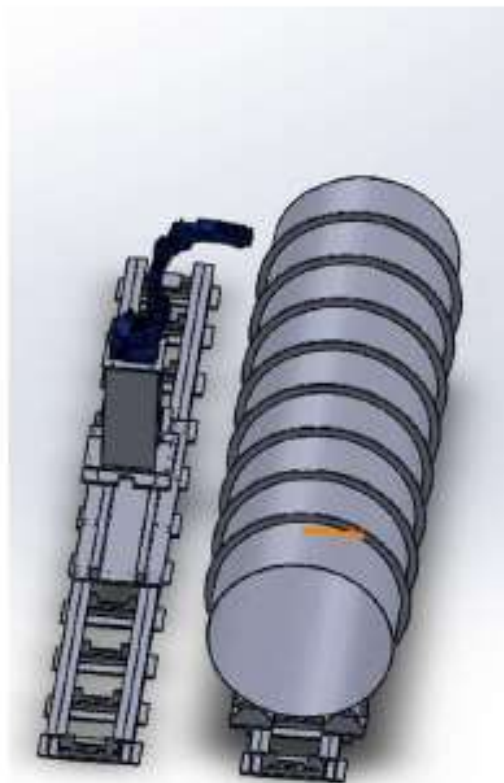
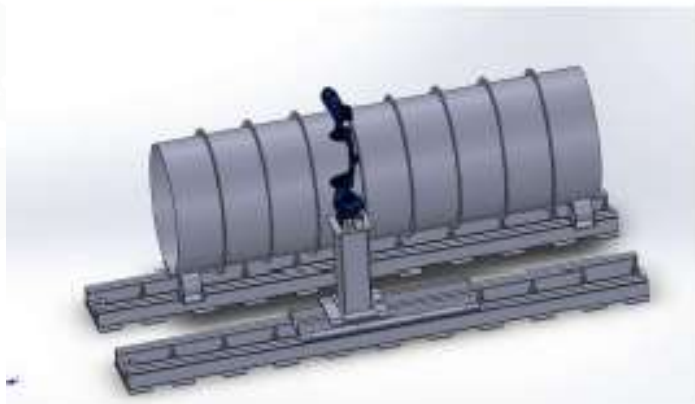
	Minimum (mm)	Maximum (mm)
Diameter	500	1,000
Length	900	2,500





Ongoing Project Forbes Marshall Robotic Stiffener Welding SPM





Our Customers...



IndianOil



KALA



An aerial view of a city skyline at dusk, with numerous skyscrapers and buildings illuminated by city lights. The sky is dark with some clouds, and the overall scene is dimly lit, emphasizing the city lights.

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