

OUR MANUFACTURING FACILITY AT THIRUPORUR, OMR, CHENNAI, IN TWO ACRES OF LAND AREA WITH STATE OF THE ART FACILITIES TO DELIVER WORLD CLASS PRODUCTS & SERVICES



FUTURE AUTOMATION TECHNOLOGIES PVT. LTD.

TOTAL WELDING & CUTTING AUTOMATION SOLUTION PROVIDER

Transforming tomorrow by Innovation

For DETAILS KINDLY CONTACT :

Future Automation Technologies Pvt. Ltd.

No. 66, Panchayat Road, Perungudi, Chennai - 600 096, Tamil Nadu, India

Phone : +(91)-(44)-65170206 / 65170209 / 9840232632

Mobile : +(91)-9840177689 / 9840128173 / 9840264773 / 9840228437

Email : marketing@futureautomations.in / sales@futureautomations.in

enquiry@futureautomationtechnologies.com / futureautomation@yahoo.com

Web : www.futureautomationtechnologies.com / futureautomations.in

www.tradekeyindia.com/future-automation-technologies



INTRODUCTION

We have a renowned name, engaged in Manufacturing & Supply of Welding Automation Systems and providing total welding Solutions. The scope of services we provide in Engineering Projects are full-fledged and comply with Technical, Economical and in total comprehensive.

We Specialized in Automated machines mainly for welding applications and other applications like process Automation & Gang Drilling machines for Construction Equipment Manufacturers, which involves Mechanical Design, Electrical Design and Estimation till Installation and Commissioning.

VISION

To enhance customer satisfaction and our brand image domestically & globally and achieve exponential growth by leadership through higher technology products and services.

MISSION

To deliver greater value to our customers by providing Complete Technical & Economical solutions through technical leadership, innovations and manufacturing excellence that is responsive to dynamic market needs.

QUALITY POLICY

- To achieve customer satisfaction by strict observations of contract stipulations and delivery schedule.
- To analyze the specific problems of clients and suggest optimal state-of-art solutions technically and economically.
- To update and apply the latest project and data management technologies.
- To offer a trial and tested quality management system and is fully certified to comply clients satisfaction to adopt a best safety policy during entire project.

OUR AREA OF SPECIALIZATION

Plasma Transferred Arc (PTA) Hard Facing Systems
MIG & TIG Welding Systems
Submerged Arc Welding Systems
Welding Torch Weaving Unit
Automatic Voltage Controller (AVC) Unit
Cold Wire Feeder Unit
Positioners, Manipulators, Rotators
Column & Boom Manipulators
Linear Welding Systems
Head & Tail Stock Manipulators
Weld Overlay Cladding Systems
PEB Beam Welding Systems
Plus Beam Welding Systems
H & I Beam Welding Systems
Chain Rotators for Heavy Beams
Robotic Welding Systems
CNC Plasma Cutting M/C

Some of our valued Customers :-

M/S. BHEL - HARIDWAR
 M/S. OSWAL INDUSTRIES LTD. - AHMEDABAD
 M/S. NSSL LTD. - NAGPUR
 M/S. WHEELS INDIA LTD. - PADI - CHENNAI
 M/S. GREAVES COTTON LTD. - CHENNAI
 M/S. PRECISION EQUIPMENTS (CHENNAI) PVT. LTD.
 M/S. GODREJ & BOYCE MFG. CO. LTD. - MUMBAI
 M/S. AVASARALA TECHNOLOGIES LTD. - BANGALORE
 M/S. INDIANA GRATINGS PVT. LTD. - PUNE
 M/S. AIR LIQUID LTD. - HYDERABAD
 M/S. DRIFLEX WATER ENGINEERING LTD. - HARIDWAR
 M/S. ARMOUR STEEL BUILDINGS PVT. LTD. - METTUR
 M/S. UNIKLINGER LTD. - PUNE
 M/S. ORIENTAL FABRITECH PVT. LTD. - NAVI MUMBAI
 M/S. LEYLAND DEERE - TAMILNADU
 M/S. WINDLASS ENGINEERS & SERVICES - DEHRADUN
 M/S. INDIAN ROOFINGS PVT. LTD. - TIRUPUR
 M/S. VISHWAS STRUCTURALS - BELLARY
 M/S. KAMATCHI METAL ARCH PVT. LTD. - RAJAHMUNDRY
 M/S. ACERO TECHNOLOGIES - BANGALORE

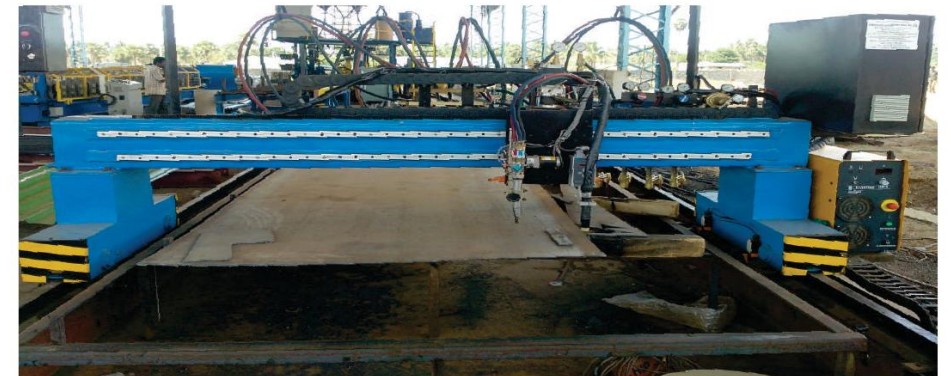
SERVICES AND SUPPORTS

- Well Experienced, Trained and effective Automation, Electrical & Mechanical Engineers
- Well versed in all welding & allied processes
- Offers you perfect solution for welding automation
- Offers you on job training for your personnel
- Provides cost effective welding solutions
- Provides you effective after sales service

Authorised distributor of :-



PEB BEAM WELDING SYSTEM



CNC PLASMA / OXYFUEL PLATE CUTTING SYSTEM

EQUIPMENT WE SUPPLY

1. CNC Cutting Machine
2. Splice Welder
3. Tack Welder
4. Pull Thro Welder
5. Conveyors
6. Sub arc Welding Power Source
7. Accessories

- Hydraulically operated edge aligners to align the face of the web and flanges
- Hydraulically Operated web / flange Clamping Assembly.
- The Web and the flanges are aligned and clamped with the help of the above and track welding is done in the leading edge. After tack welding the beam is conveyed to the Pull thro welder.

SPLICE WELDER

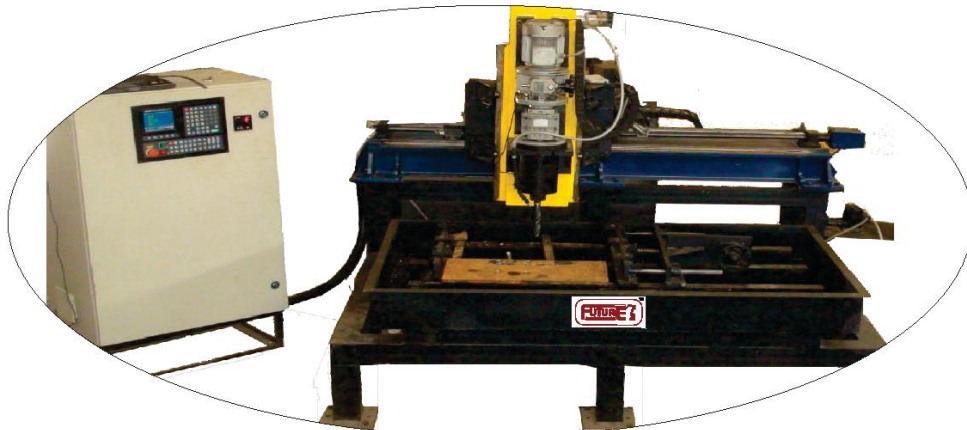
- Splice Welder has a side beam Carriage with the torch mounting head
- Splice welder is provided with set of copper clamping fingers, which are operated pneumatically to clamp the plates.
- Pneumatically operated edge aligner is to ensure the repeatability of weld position.
- Pneumatically operated flux back up facility is provided.
- Hydraulically operated web filter is provided to ensure the exit of the web welding.

PULL THRO WELDER

- Pull through welding station operates automatically on a single push button Operation and the speed of the In feed Conveyor, out deed conveyor and the pull thro rolls are synchronized automatically.
- Pull through rollers, Conveyors and welding equipment and the flux recovery units are all operated automatically In the programmed sequence.
- Equipment was designed with two welding heads to weld simultaneously. A digital Programmer unit is provide where in all essential Process Variables are stored.
- The equipment is provide with an independent hydraulic power unit to clamp the web and flange assembly rigidly while welding.
- Equipment is provided with the sweep correction Rollers to adjust and accommodates the different flange heights.
- Equipment was design to weld beams with one side taper up to a maximum taper angle of 15°

TACK WELDER

- Hydraulically Operated web lifters for lifting the web to the center line of the flange



CNC PLATE DRILLING SYSTEM



SPLICE WELDING SYSTEM FOR PEB BEAMS



TACK WELDING SYSTEM FOR PEB BEAMS

AERO SPACE COMPONENT ALUMINIUM TIG WELDING SYSTEM



MANIPULATORS



PANEL WELDING SYSTEM FOR BOILER MANUFACTURING



CHAIN BOTTAQOB EOB HEAVY BEAM WEI RING

Model	FA 100	FA 250	FA500	FA 1000	FA 2000	FA 5000	FA 10000	FA 20000
Rated load Capacity(Kgs)	100 kgs	250 kgs	500 kgs	1000 kgs	2000 kgs	5000 kgs	10000 kgs	20000 kgs
Center of Gravity	75 mm	100 mm	150 mm	150 mm	150 mm	300 mm	300 mm	300 mm
Eccentricity	50 mm	75 mm	100 mm	100 mm	150 mm	300 mm	300 mm	300 mm
Table Speed Range (R.P.M)	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.05- 0.75	0.05- 0.75	0.05- 0.75	0.02- 0.5
Table Diameter	400mm	500 mm	750 mm	925 mm	1070 mm	1500 mm	1600 mm	2000 mm
Table Tilt	135	135	135	135	135	135	135	135
Table Slot & Bolt Size	8mm	12 mm	14 mm	20 mm	20 mm	25 mm	25 mm	25 mm
Table Height from floor(Appx)	500 mm	650 mm	900 mm	1070 mm	1070 mm	1500 mm	1650 mm	1900 mm



HIGH PRESSURE NOZZLE TIG WELDING AUTOMATION



WELDING AUTOMATION SYSTEMS FOR NUCLEAR POWER PROJECTS



COLUMN & BOOM MANIPULATOR



COLUMN & BOOM MANIPULATOR FOR BOILER WELDING



HEAVY BEAM WELDING AUTOMANTION



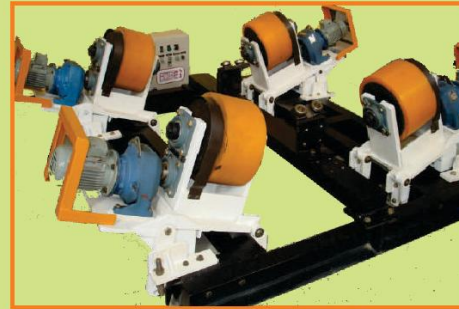
COLUMN & BOOM MANIPULATOR FOR SS BELLOWS WELDING



CONCRETE MIXTURE DRUM WELDING SYSTEM



PTA CUM MIG WELD OVERLAY SYSTEM FOR VALVE COMPONENTS



SPERICAL VESSEL ROTATOR



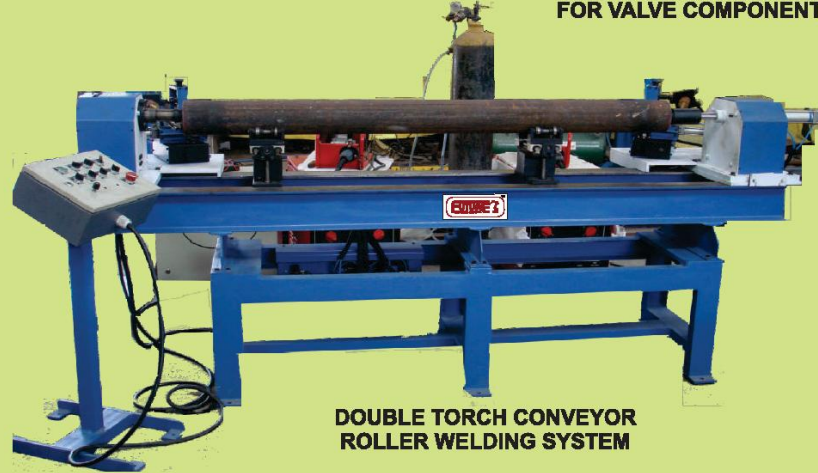
CONVENTIONAL ROTATOR



H & T MANIPULATOR - 5 TONS



SELF ALIGNING ROTATOR



DOUBLE TORCH CONVEYOR ROLLER WELDING SYSTEM

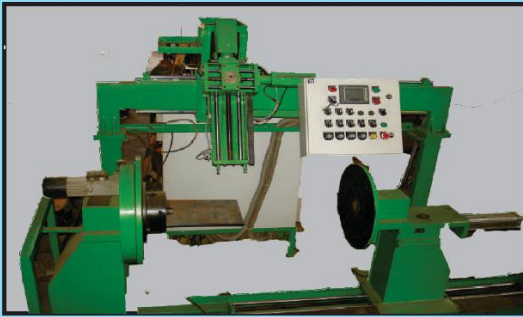


H & T MANIPULATOR - 10 TONS



RAILWAY BOGIE FRAME WELDING SYSTEM





PROGRAMMABLE 3 AXIS SERVO BASED VALVE BONNET BODY DEEP GROOVE MIG WELDING SPM



3 STATION SERVO BASED SAW WELD OVERLAY SYSTEM



SERVO BASED PLASMA TRANSFERRED ARC STELLITE HARD FACING SYSTEM



BALL VALVE ROOT TIG WELDING SYSTEM



3 STATION SERVO BASED GATE VALVE SEAL WELDING SYSTEM



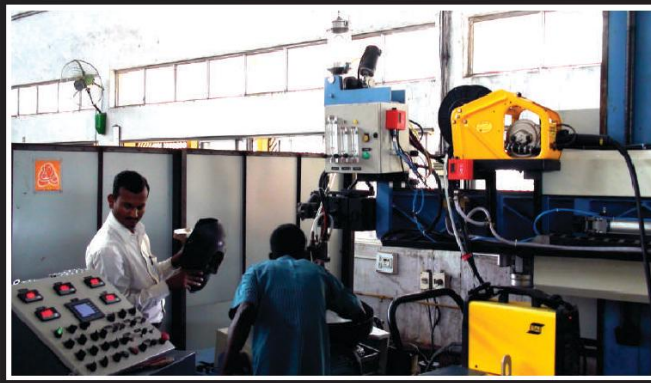
GATE VALVE WELDING SYSTEM



BALL VALVE SAW WELDING SYSTEM



SERVO / CNC BASED WELD OVERLAY SYSTEM FOR OIL FIELD VALVE COMPONENTS



PTA CUM MIG WELD OVERLAY SYSTEM FOR VALVE COMPONENTS



MECHANIZED SEAT RING SEAL WELDING SYSTEM



PTA CUM SAW WELD OVERLAY SYSTEM FOR VALVE COMPONENTS

INTRODUCTION

We have a renowned name, engaged in Manufacturing & Supply of Welding Automation Systems and providing total welding Solutions. The scope of services we provide in Engineering Projects are full-fledged and comply with Technical, Economical and in total comprehensive.

We Specialized In Automated machines mainly for welding applications and other applications like process Automation & Gang Drilling machines for Construction Equipment Manufacturers, which involves Mechanical Design, Electrical Design and Estimation till Installation and Commissioning.

VISION

To enhance customer satisfaction and our brand image domestically & globally and achieve exponential growth by leadership through higher technology products and services.

MISSION

To deliver greater value to our customers by providing Complete Technical & Economical solutions through technical leadership, Innovations and manufacturing excellence that is responsive to dynamic market needs.

QUALITY POLICY

- To achieve customer satisfaction by strict observations of contract stipulations and delivery schedule.
- To analyze the specific problems of clients and suggest optimal state-of-art solutions technically and economically.
- To update and apply the latest project and data management technologies.
- To offer a trial and tested quality management system and Is fully certified to comply clients satisfaction to adopt a best safety policy during entire project.

OUR AREA OF SPECIALIZATION

- Plasma Transferred Arc (PTA) Hard Facing Systems
- MIG & TIG Welding Systems
- Submerged Arc Welding Systems
- Welding Torch Weaving Unit
- Automatic Voltage Controller (AVC) Unit
- Cold Wire Feeder Unit
- Positioners, Manipulators, Rotators
- Column & Boom Manipulators
- Linear Welding Systems
- Head & Tall Stock Manipulators
- Weld Overlay Cladding Systems
- PEB Beam Welding Systems
- Plus Beam Welding Systems
- H & I Beam Welding Systems
- Chain Rotators for Heavy Beams
- Robotic Welding Systems
- CNC Plasma Cutting M/C

Some of our valued Customers :-

- M/S. BHEL - HARIDWAR
- M/S. OSWAL INDUSTRIES LTD. - AHMEDABAD
- M/S. NSSL LTD. - NAGPUR
- M/S. WHEELS INDIA LTD. - CHENNAI
- M/S. GREAVES COTTON LTD. - CHENNAI
- M/S. PRECISION EQUIPMENTS (CHENNAI) PVT. LTD.
- M/S. GODREJ & BOYCE MFG. CO. LTD. - MUMBAI
- M/S. AVASARALA TECHNOLOGIES LTD. - BANGALORE
- M/S. INDIANA GRATINGS PVT. LTD. - PUNE
- M/S. AIR LIQUIDE LTD. - HYDERABAD
- M/S. DRIPLEX WATER ENGINEERING LTD. - HARIDWAR
- M/S. ARMOUR STEEL BUILDINGS PVT. LTD. - METTUR
- M/S. UNIKLINGER LTD. - PUNE
- M/S. ORIENTAL FABRITECH PVT. LTD. - NAVI MUMBAI
- M/S. LEYLAND DEERE - TAMILNADU
- M/S. WINDLASS ENGINEERS & SERVICES - DEHRADUN
- M/S. INDIAN ROOFINGS PVT. LTD. - TIRUPUR
- M/S. KAMATCHI METAL ARCH PVT. LTD. - RAJAHMUNDRY
- M/S. ACERO TECHNOLOGIES - BANGALORE
- M/S. INDIA METAL ONE STEEL PROCESSING (MITRUBISHI GROUP)
- M/S. IGP ENGINEERS (P) LTD
- M/S. FORBES MARSHALL INDIA (P) LTD
- M/S. EMERSON PROCESS MANAGEMENT (P) LTD
- (VIRGO VALVES (P) LTD
- M/S. VATSALA METAL SECTIONS (P) LTD
- M/S. HALLEYS BLUE (P) LTD
- M/S. IGCAR
- M/S. V V MAK INDUSTRIES (P) LTD.
- M/S. G. R. INDUSTRIES - COIMBATORE
- M/S. ANU INDUSTRIES - COIMBATORE

SERVICES AND SUPPORTS

- Well Experienced, Trained and effective Automation, Electrical & Mechanical Engineers
- Well versed in all welding & allied processes
- Offers you perfect solution for welding automation
- Offers you on job training for your personnel
- Provides cost effective welding solutions
- Provides you effective after sales service

Authorised distributor of :-



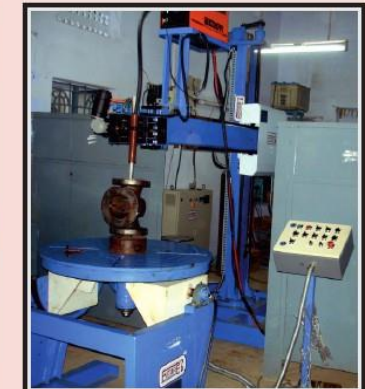
SERVO BASED PLASMA TRANSFERRED ARC STELLITE HARD FACING SYSTEM



BALL VALVE ROOT TIG WELDING SYSTEM



BALL VALVE SAW WELDING SYSTEM



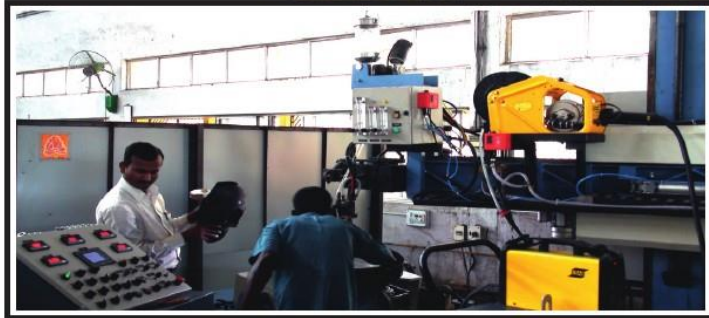
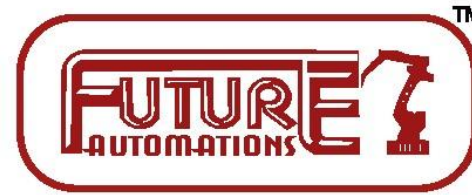
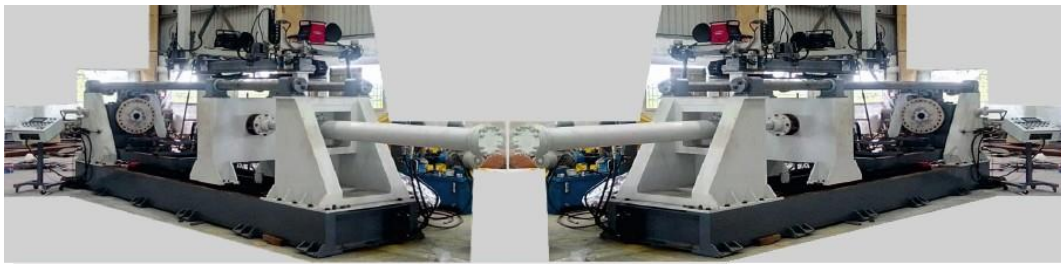
GATE VALVE WELDING SYSTEM



MECHANIZED SEAT RING SEAL WELDING SYSTEM



PTA CUM SAW WELD OVERLAY SYSTEM FOR VALVE COMPONENTS



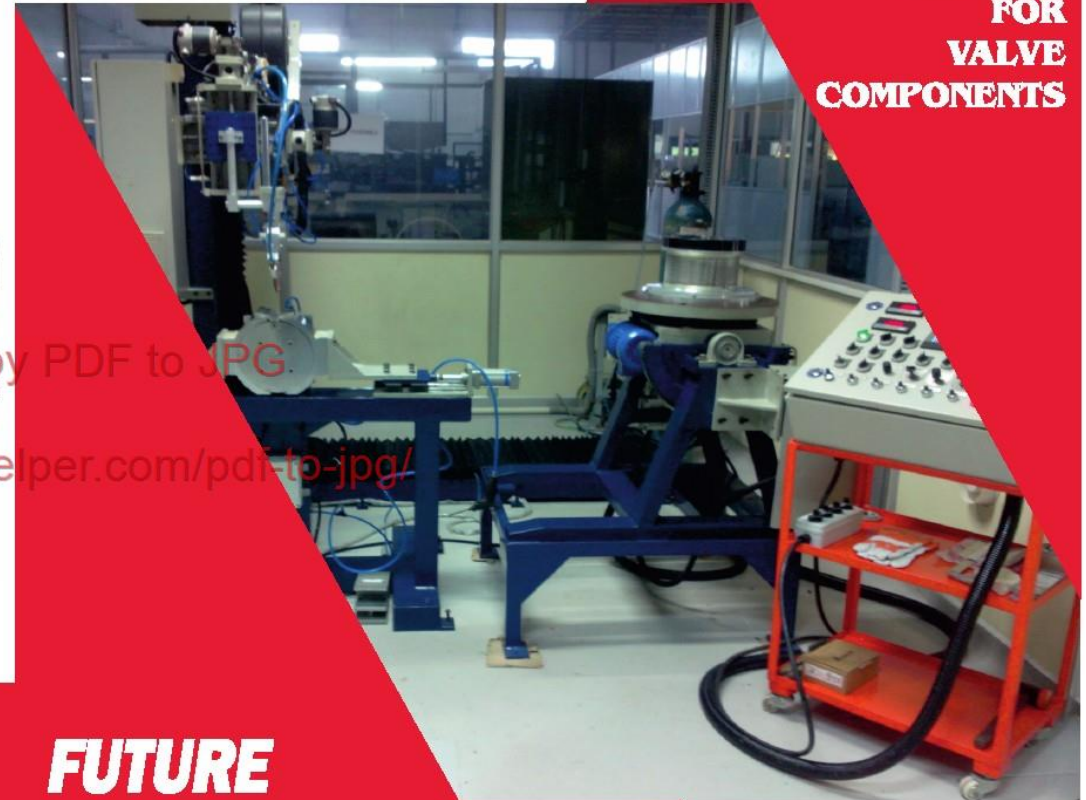
PTA CUM MIG WELD OVERLAY SYSTEM FOR VALVE COMPONENTS



3 STATION SERVO BASED GATE VALVE SEAL WELDING SYSTEM



SERVO / CNC BASED WELD OVERLAY SYSTEM FOR OIL FIELD VALVE COMPONENTS



**WELDING
AUTOMATION
SYSTEMS
FOR
VALVE
COMPONENTS**

For DETAILS KINDLY CONTACT :

FUTURE AUTOMATION TECHNOLOGIES

Our Plant :

SF No.296/1, THIRUPORUR TO GUDUVANCHERY ROAD,
ILLALUR VILLAGE, THIRPORUR, PIN : 603 110.

Regd.office :

No.66, Panchayat Road, Perungudi, Chennai - 600 096, Tamilnadu, India
Phone : +(91)-(44)-42152263 / 9840264773

Mobile : +(91)-9840177689 / 9840128173 / 9840228437 / 9600190795

E-mail : sjayavel56@gmail.com / enquiry@futureautomationtechnologies.com
marketing@futureautomations.in

Web : www.futureautomationtechnologies.com / futureautomation.in
www.tradekeyindia.com/future-automation-technologies
www.futureautomationtechnologies.in

**FUTURE
AUTOMATION
TECHNOLOGIES**

**TOTAL WELDING & CUTTING
AUTOMATION SOLUTION PROVIDER**

**Transforming
Tomorrow
by
Innovation**



Converted by PDF to JPG

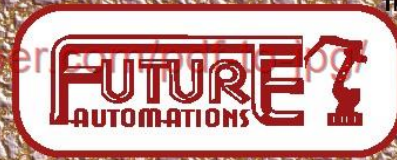
<http://www.PDF-Heaven.com>

MANIPULATORS



FUTURE AUTOMATION TECHNOLOGIES

**TOTAL WELDING & CUTTING
AUTOMATION SOLUTION PROVIDER**



*Transforming Tomorrow
by Innovation*



For DETAILS KINDLY CONTACT :

FUTURE AUTOMATION TECHNOLOGIES

Our Plant :

SF No.296/1, THIRUPORUR TO GUDUVANCHERY ROAD,
ILLALUR VILLAGE, THIRPORUR, PIN : 603 110.

Regd.office :

No.66, Panchayat Road, Perungudi, Chennai - 600 096. Tamilnadu, India

Phone : +(91)-(44)-42152263 / 9840264773

Mobile : +(91)-9840177689 / 9840128173 / 9840228437 / 9600190795

E-mail : sjayavel56@gmail.com / enqulry@futureautomationtechnologies.com
marketing@futureautomations.in

Web : www.futureautomationtechnologies.com / futureautomation.in

www.tradekeyindia.com/future-automation-technologies

www.futureautomationtechnologies.in

INTRODUCTION

We have a renowned name, engaged in Manufacturing & Supply of Welding Automation Systems and providing total welding Solutions. The scope of services we provide in Engineering Projects are full-fledged and comply with Technical, Economical and In total comprehensive.

We Specialized In Automated machines mainly for welding applications and other applications like process Automation & Gang Drilling machines for Construction Equipment Manufacturers, which Involves Mechanical Design, Electrical Design and Estimation till Installation and Commissioning.

VISION

To enhance customer satisfaction and our brand image domestically & globally and achieve exponential growth by leadership through higher technology products and services.

MISSION

To deliver greater value to our customers by providing Complete Technical & Economical solutions through technical leadership, innovations and manufacturing excellence that is responsive to dynamic market needs.

QUALITY POLICY

- To achieve customer satisfaction by strict observations of contract stipulations and delivery schedule.
- To analyze the specific problems of clients and suggest optimal state-of-art solutions technically and economically.
- To update and apply the latest project and data management technologies.
- To offer a trial and tested quality management system and is fully certified to comply clients satisfaction to adopt a best safety policy during entire project.

OUR AREA OF SPECIALIZATION

- Plasma Transferred Arc (PTA) Hard Facing Systems
- MIG & TIG Welding Systems
- Submerged Arc Welding Systems
- Welding Torch Weaving Unit
- Automatic Voltage Controller (AVC) Unit
- Cold Wire Feeder Unit
- Positioners, Manipulators, Rotators
- Column & Boom Manipulators
- Linear Welding Systems
- Head & Tail Stock Manipulators
- Weld Overlay Cladding Systems
- PEB Beam Welding Systems
- Plus Beam Welding Systems
- H & I Beam Welding Systems
- Chain Rotators for Heavy Beams
- Robotic Welding Systems
- CNC Plasma Cutting M/C
- Hot Wire Tig Welding Systems

Some of our valued Customers :-

M/S. BHEL - HARIDWAR
M/S. OSWAL INDUSTRIES LTD. - AHMEDABAD
M/S. NSSL LTD. - NAGPUR
M/S. WHEELS INDIA LTD. - CHENNAI
M/S. GREAVES COTTON LTD. - CHENNAI
M/S. PRECISION EQUIPMENTS (CHENNAI) PVT. LTD.
M/S. GODREJ & BOYCE MFG. CO. LTD. - MUMBAI
M/S. AVASARALA TECHNOLOGIES LTD. - BANGALORE
M/S. INDIANA GRATINGS PVT. LTD. - PUNE
M/S. AIR LIQUIDE LTD. - HYDERABAD
M/S. DRIPLEX WATER ENGINEERING LTD. - HARIDWAR
M/S. ARMOUR STEEL BUILDINGS PVT. LTD. - METTUR
M/S. UNIKLINGER LTD. - PUNE
M/S. ORIENTAL FABRITECH PVT. LTD. - NAVI MUMBAI
M/S. LEYLAND DEERE - TAMILNADU
M/S. WINDLASS ENGINEERS & SERVICES - DEHRADUN
M/S. INDIAN ROOFINGS PVT. LTD. - TIRUPUR
M/S. KAMATCHI METAL ARCH PVT. LTD. - RAJAHMUNDRY
M/S. ACERO TECHNOLOGIES - BANGALORE
M/S. INDIA METAL ONE STEEL PROCESSING (MITSUBISHI GROUP)
M/S. IGP ENGINEERS (P) LTD
M/S. FORBES MARSHALL INDIA (P) LTD
M/S. EMERSON PROCESS MANAGEMENT (P) LTD, (VIRGO VALUES (P) LTD
M/S. HAMAMTH (GERAB) VALVES LLB, DUBAI
M/S. VATSALA METAL SECTIONS (P) LTD
M/S. HALLEYS BLUE (P) LTD
M/S. IGCAR
M/S. V V MAK INDUSTRIES (P) LTD.
M/S. G. R. INDUSTRIES - COIMBATORE
M/S. ANU INDUSTRIES - COIMBATORE

SERVICES AND SUPPORTS

- Well Experienced, Trained and effective Automation, Electrical & Mechanical Engineers
- Well versed In all welding & allied processes
- Offers you perfect solution for welding automation
- Offers you on job training for your personnel
- Provides cost effective welding solutions
- Provides you effective after sales service

Authorised distributor of :-



COLUMN & BOOM MANIPULATOR FOR BOILER WELDING



POSITIONER



SPHERICAL VESSEL ROTATOR



SELF ALIGNING ROTATOR



TURN TABLE



C & B WITH SELF CENTERING ROTATOR

MANIPULATORS

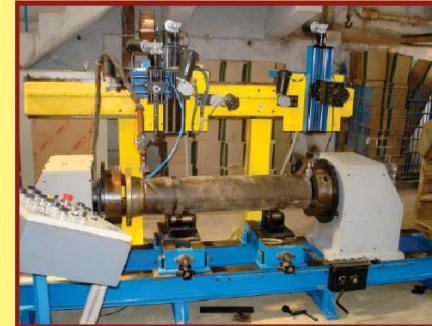


PANEL WELDING SYSTEM FOR BOILER MANUFACTURING



CHAIN BOTTAQOB EOB HEAVY BEAM WEI RING

Model	FA 100	FA 250	FA500	FA 1000	FA 2000	FA 5000	FA 10000	FA 20000
Rated load Capacity(Kgs)	100 kgs	250 kgs	500 kgs	1000 kgs	2000 kgs	5000 kgs	10000 kgs	20000 kgs
Center of Gravity	75 mm	100 mm	150 mm	150 mm	150 mm	300 mm	300 mm	300 mm
Eccentricity	50 mm	75 mm	100 mm	100 mm	150 mm	300 mm	300 mm	300 mm
Table Speed Range (R.P.M)	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.1 - 1.0	0.05- 0.75	0.05- 0.75	0.05- 0.75	0.02- 0.5
Table Diameter	400mm	500 mm	750 mm	925 mm	1070 mm	1500 mm	1600 mm	2000 mm
Table Tilt	135	135	135	135	135	135	135	135
Table Slot & Bolt Size	8mm	12 mm	14 mm	20 mm	20 mm	25 mm	25 mm	25 mm
Table Height from floor(Appx)	500 mm	650 mm	900 mm	1070 mm	1070 mm	1500 mm	1650 mm	1900 mm



HIGH PRESSURE NOZZLE TIG WELDING AUTOMATION



WELDING AUTOMATION SYSTEMS FOR NUCLEAR POWER PROJECTS



COLUMN & BOOM MANIPULATOR



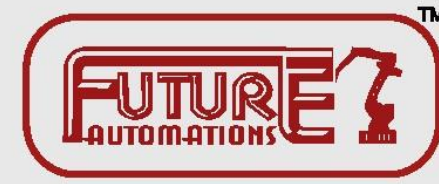
COLUMN & BOOM MANIPULATOR FOR BOILER WELDING



HEAVY BEAM WELDING AUTOMANTION



COLUMN & BOOM MANIPULATOR FOR SS BELLOWS WELDING



**PEB BEAM WELDING SYSTEMS
&
CNC CUTTING AND DRILLING SYSTEMS**



For DETAILS KINDLY CONTACT :

FUTURE AUTOMATION TECHNOLOGIES

Our Plant :

SF No.296/1, THIRUPORUR TO GUDUVANCHERY ROAD,
ILLALUR VILLAGE, THIRPORUR, PIN : 603 110.

Regd.office :

No.66, Panchayat Road, Perungudi, Chennai - 600 096. Tamilnadu, India

Phone : +(91)-(44)-42152263 / 9840264773

Mobile : +(91)-9840177689 / 9840128173 / 9840228437 / 9600190795

E-mail : sjayavel56@gmail.com / enquiry@futureautomationtechnologies.com

marketing@futureautomations.in

Web : www.futureautomationtechnologies.com / futureautomation.in

www.tradekeyindia.com/future-automation-technologies

www.futureautomationtechnologies.in

FUTURE AUTOMATION TECHNOLOGIES

TOTAL WELDING & CUTTING AUTOMATION SOLUTION PROVIDER

Transforming Tomorrow by Innovation

FEB STANDARD SPECIFICATIONS.

Model	FAT - PTW - 1000	FAT - PTW - 1200	FAT - PTW - 1500	FAT - PTW - 1800	FAT - PTW - 2000	FAT - PTW - 2200
Web Thickness	4mm - 10mm	4mm - 12mm	4mm - 12mm	4mm - 15mm	4mm - 16mm	4mm - 20mm
Web Width	200mm - 1000mm	200mm - 1200mm	200mm - 1500mm	200mm - 1800mm	250mm - 2000mm	260mm - 2200mm
Web Length	2400mm - 10000mm	2400mm - 12000mm	2400mm - 14000mm	2400mm - 14000mm	2400mm - 19000mm	2400mm - 18000mm
Flange Thickness	6mm - 12mm	6mm - 16mm	6mm - 18mm	6mm - 20mm	6mm - 25mm	6mm - 30mm
Flange Height	125mm - 400mm	125mm - 400mm	125mm - 500mm	125mm - 500mm	125mm - 500mm	125mm - 500mm
Flange Length	2400mm - 10000mm	2400mm - 12000mm	2400mm - 14000mm	2400mm - 14000mm	2400mm - 16000mm	2400mm - 15000mm
Beam Tapper	0° - 15° Max	+0° - 15° Max Up to 10mm	-0° - 15° Max Up to 12mm	+0° - 15° Max Up to 12mm	+0° - 15° Max Up to 12mm	+0° - 15° Max Up to 12mm
Beam Welding Speed	600mm - 3000mm/Min	600mm - 3000mm/Min	600mm - 2600mm/Min	500mm - 2600mm/Min	600mm - 2500mm/Min	600mm - 2600mm/Min
Welding Fillet Leg Size	4mm - 8mm	4mm - 10mm	4mm - 12mm	4mm - 12mm	4mm - 12mm	4mm - 16mm
Welding Fillet Throat Size	2.6mm - 6mm	2.6mm - 8mm	2.6mm - 8mm	2.6mm - 10mm	2.6mm - 10mm	2.6mm - 10mm
Conveyor Roller Width	1200mm	1400mm	1700mm	2000mm	2200mm	2400mm
Conveyor Speed	600mm - 16000mm/Min	600mm - 16000mm/Min	600mm - 16000mm/Min	500mm - 11000mm/Min	600mm - 11000mm/Min	600mm - 11000mm/Min
Conveyor Handling Weight	2000Kgs/10Mtrs	2800Kgs/12Mtrs	3000Kgs/14Mtrs	7000Kgs/14Mtrs	8000Kgs/15Mtrs	11000Kgs/16Mtrs
Max Beam Wt	1.5 Ton	2.5 Ton	4 Ton	5.5 Ton	6.5 Ton	8.5 Ton

Sl No.	Customer Details	State and City	Model of the PTW	Tack Welding	Splice Welding	CNC Cutting	CNC Plate Drilling	Quantity
1	HALLEYS BLUE	KARNATAKA, BELLARY	FAT - PTW - 1000					1 Set
2	ARMOUR STEELS	TAMILNADU, METTUR	FAT - PTW - 1200			2M X 13M		1 Set
3	INDIAN ROOFINGS	TAMILNADU, TRIPUR	FAT - PTW - 1000			2M X 13M	CNC12-320-800x1500	1 Set
4	PING STRUCTURALS	ANDHRA PRADESH, VJAYAWADA	FAT - PTW - 2000					1 Set
5	DHANUJA STEELS	TAMILNADU, TIRCHI		FAT-TW -1200	FAT-SW -1200		FAT - FBW - 1200	3nos.
6	SACHINE HITECH	TAMILNADU, CHENNAI	FAT - PTW - 1800			2M X 13M		1 Set
7	KAMAKSHI METAL 1	ANDHRA PRADESH, RAJAMUNDRY	FAT - PTW - 1800					1 Set
8	INFINITY FANI	KARNATAKA, BELGALUM	FAT - PTW - 1500			2M X 13M		1 Set
9	ACERO NUTECH	KARNATAKA, MALUR	FAT - PTW - 1500					1 Set
10	WATSALA METAL	KARNATAKA, DHARWAR (HUBLI)	FAT - PTW - 1000					1 Set
11	SUBHADRA INDUSTRIES	KARNATAKA, BENGALURU	FAT - PTW - 1800					1 Set
12	STARLIT STEEL	TAMILNADU, GOPICHETTI PALAYAM	FAT - PTW - 1800					1 Set
13	KIRHORE INFRA TECH	HYDRABAD	FAT - PTW - 1500					1 Set
14	MM ENTERPRISES	TAMILNADU, METTUR	FAT - PTW - 1800			2M X 13M		1 Set
15	SPARKLE STEEL	A.P., PEDDAPURAM	FAT - PTW - 1000					1 Set
16	ASIAN SKY	GUJARAT, VADODARA	FAT - PTW - 1000					1 Set
17	ARDEE ENDS	HYDRABAD	FAT - PTW - 1000	FAT-TW -1800				1 Set
18	KAMAKSHI METAL 2	ANDHRA PRADESH, RAJAMUNDRY	FAT - PTW - 1800					1 Set
19	SAKTHI FERRO ALLOYS	TAMILNADU, CHENNAI	FAT - PTW - 1000			2M X 13M		1 Set



SPLICE WELDING SYSTEM

Splice Welder has a side beam Carriage with the torch mounting head

Splice welder is provided with set of copper clamping fingers, which are operated pneumatically to clamp the plates.

Pneumatically operated edge aligner is to ensure the repeatability of weld position.

Pneumatically operated flux back up facility is provided.

Hydraulically operated web filter is provided to ensure the exit of the web welding.

Equipment we supply

1. CNC Cutting Machine
2. Splice Welder
3. Tack Welder
4. Pull Thro Welder
5. Conveyors
6. Sub arc Welding Power Source
7. CNC Plate Drilling System
8. Roofing Sheet Forming System
9. C&Z Purlin Forming System
10. Thread Rolling System
11. Accessories and Consumables
12. Training, Service and Support



CNC PLATE DRILLING SYSTEM



TACK WELDING SYSTEM

Hydraulically operated edge aligners to align the face of the web and flanges

Hydraulically Operated web lifters for lifting the web to the center line of the flange

Hydraulically Operated web /flange Clamping Assembly.

The Web and the flanges are aligned and clamped with the help of the above and tackwelding is done in the leading edge. After tack welding the beam is conveyed to the Pull through welder.



PULL THROUGH WELDING SYSTEM

★ Pull through welding station operates automatically on a single push button Operation and the speed of the In feed Conveyor, out feed conveyor and the pull thro rolls are synchronized automatically.

★ Pull through rollers, Conveyors and welding equipment and the flux recovery units are all operated automatically in the programmed sequence.

★ Equipment was designed with two welding heads to weld simultaneously. A digital Programmer unit is provide where in all essential Process Variables are stored.

★ The equipment is provide with an independent hydraulic power unit to clamp the web and flange assembly rigidly while welding.

★ Equipment is provided with the sweep correction Rollers to adjust and accommodates the different flange heights. Equipment was design to weld beams with one side taper up to a maximum taper angle of 15°

COMPANY PROFILE

ABOUT US :

FUTURE AUTOMATION TECHNOLOGIES, established by qualified and well experienced young professionals, since it's inception striving its best to give high quality product solution and proving to be one among the leading Complete Welding Automation Solution Providers and Manufacturer in India for manufacturing & supplying of Automated Welding Special Purpose Machines (SPM) for Various Industries, and authorised distributor of LINCOLN ELECTRIC - USA, MILLER-USA, ESAB -(INDIA and SWEDEN), EWM -GERMANY, MIGATRONICS- DENMARK, OTC- JAPAN, KJELLBERG -GERMANY , HYPER THERM -USA, Automation Products in India. Started in the year 2002 as Manufacturing Unit and today with turnover of more than Ra.10,00,00,000/- We strive to support our esteemed customers with high quality and reliability, economical price and on time delivery. Future today caters to wide spectrum of industries in Automobiles, Values, Construction, Petrochemical, Pre Engineered Building Products, Heavy Structural Beam Welding , Cutting and Handling Systems, Mining, Naval, Aerospace, Locomotives, Space Research, Earth Movers, Agro Farm Products, Thermal Power Sector, Wind Mill Power Sector, Water Treatment Plants, Solar Systems, Defense, etc...

We use Products from Reputed International Brands for our Automation Systems :-



INTRODUCTION

We have a renowned name, engaged in Manufacturing & Supply of Welding Automation Systems and providing total welding Solutions. The scope of services we provide in Engineering Projects are full-fledged and comply with Technical, Economical and In total comprehensive.

We Specialized In Automated machines mainly for welding applications and other applications like process Automation & Gang Drilling machines for Construction Equipment Manufacturers, which Involves Mechanical Design, Electrical Design and Estimation till Installation and Commissioning.

VISION

To enhance customer satisfaction and our brand image domestically & globally and achieve exponential growth by leadership through higher technology products and services.

MISSION

To deliver greater value to our customers by providing Complete Technical & Economical solutions through technical leadership, Innovations and manufacturing excellence that is responsive to dynamic market needs.

QUALITY POLICY

- To achieve customer satisfaction by strict observations of contract stipulations and delivery schedule.
- To analyze the specific problems of clients and suggest optimal state-of-art solutions technically and economically.
- To update and apply the latest project and data management technologies.
- To offer a trial and tested quality management system and is fully certified to comply clients satisfaction to adopt a best safety policy during entire project.

OUR AREA OF SPECIALIZATION

Plasma Transferred Arc (PTA) Hard Facing Systems
MIG & TIG Welding Systems
Submerged Arc Welding Systems
Welding Torch Weaving Unit
Automatic Voltage Controller (AVC) Unit
Cold Wire Feeder Unit
Positioners, Manipulators, Rotators
Column & Boom Manipulators
Linear Welding Systems
Head & Tail Stock Manipulators
Weld Overlay Cladding Systems
PEB Beam Welding Systems
Plus Beam Welding Systems
H & I Beam Welding Systems
Chain Rotators for Heavy Beams
Robotic Welding Systems
CNC Plasma Cutting M/C

Some of our valued Customers :-

M/S. IMOP (MITSUBISHI GROUP) AP, SRI CITY-TADA
M/S. WHEELS INDIA - CHENNAI
M/S. HIESTEEM - CHENNAI
M/S. ANTB (KRUP-JBM GROUP) - CHENNAI
M/S. IGCAR - KALPAKKAM, CHENNAI
M/S. BHEL - HARIDWAR
M/S. OSWAL INDUSTRIES LTD. - AHMEDABAD
M/S. NSSL LTD. - NAGPUR
M/S. WHEELS INDIA LTD. - PADI - CHENNAI
M/S. GREAVES COTTON LTD. - CHENNAI
M/S. PRECISION EQUIPMENTS (CHENNAI) PVT. LTD.
M/S. GODREJ & BOYCE MFG. CO. LTD. - MUMBAI
M/S. AVASARALA TECHNOLOGIES LTD. - BANGALORE
M/S. INDIANA GRATINGS PVT. LTD. - PUNE
M/S. AIR LIQUID LTD. - HYDERABAD
M/S. DRIPLEX WATER ENGINEERING LTD. - HARIDWAR
M/S. ARMOUR STEEL BUILDINGS PVT. LTD. - METTUR
M/S. UNIKLINGER LTD. - PUNE
M/S. ORIENTAL FABRITECH PVT. LTD. - NAVI MUMBAI
M/S. LEYLAND DEERE - TAMILNADU
M/S. WINDLASS ENGINEERS & SERVICES - DEHRADUN
M/S. INDIAN ROOFINGS PVT. LTD. - TIRUPUR
M/S. VISHWAS STRUCTURALS - BELLARY
M/S. KAMATCHI METAL ARCH PVT. LTD. - RAJAHMUNDRY
M/S. ACERO TECHNOLOGIES - BANGALORE

SERVICES AND SUPPORTS

- Well Experienced, Trained and effective Automation, Electrical & Mechanical Engineers
- Well versed in all welding & allied processes
- Offers you perfect solution for welding automation
- Offers you on job training for your personnel
- Provides cost effective welding solutions
- Provides you effective after sales service

Authorised distributor of :-



NINE AXES ROBOTIC MIG WELDING SYSTEMS

ROBOTIC WELDING SYSTEMS



Converted by PDF to JPG

<http://www.PDF-Helper.com/pdf-to-jpg/>

For DETAILS KINDLY CONTACT :

FUTURE AUTOMATION TECHNOLOGIES

Our Plant :

SF No.296/1, THIRUPORUR TO GUDUVANCHERY ROAD,
ILLALUR VILLAGE, THIRPORUR, PIN : 603 110.

Regd.office :

No.66, Panchayat Road, Perungudi, Chennai - 600 096, Tamilnadu, India
Phone : +(91)-(44)-42152263 / 9840264773

Mobile : +(91)-9840177689 / 9840128173 / 9840228437 / 9600190795

E-mail : sjayavel56@gmail.com / enquiry@futureautomationtechnologies.com
marketing@futureautomations.in

Web : www.futureautomationtechnologies.com / futureautomation.in
www.iradekeyindia.com/future-automation-technologies
www.futureautomationtechnologies.in

FUTURE AUTOMATION TECHNOLOGIES

TOTAL WELDING & CUTTING AUTOMATION SOLUTION PROVIDER

Transforming
Tomorrow
by
Innovation