WELDCON
INDIA[P.]LTD.

THE COMPANY

We are located at Nashik, 180 Kms from Mumbai, spread over approximately 10000 sq. ft. area in the Prime Industrial Zone of Ambad, with all latest facilities required to produce and maintain tooling for Sheet Metal Welding. The trained staff and established vendor network, takes care of every minute problem in Manufacturing. Our service staff, with service centers, in Nashik, Pune, Delhi, Bangalore, Chennai and Rudrapur, is competent to handle any kind of resistance welding challenge. We have established a design center with all modern engineering software and trained engineers working round the clock for creating turn key solutions for Body In White Technology. The state of art tool room manufacture the components of these solutions with a stringent qualitative approach.

As a result of these efforts coupled with Engineering Expertise, Continuous up gradation of facilities, Commitment in meeting project deadlines and effective post sales support has enabled us to achieve over 7000 Installations spread over the country. This is one of the largest number of installations by any supplier in India. Not only has the number, but repeated orders from customers and customer retention to the extend of 100% speak volumes about the faith and trust created by Weldcon with Customers.

Experience in handling variety of jobs with innovation and willingness to accept challenges makes this Company the most vibrant team working in the field of Resistance welding in India. Aggressive product design and continuous up gradation of Technology is order of the day.

THE MISSION

A Solution based approach of the team for providing **Integrated Turnkey Services** for Body in white weld Shops to the Automobile and Engineering Industry at Large by **study & evaluation of project's requirements, innovative designs, meticulous planning, precise manufacturing, creating awareness** of the latest technological developments, committed deliveries and **after sale service.**

MILESTONES

1997 : Formation of Firm Weldcon India.

1999 : Association with TECNA S.p.A., Italy.

2000 : Supply of welding equipment lines for model A, B & C to Maruti Udyog Limited.

2001 : Conversion of Company to Private Ltd.

2002 : Welding Automation for Petrol Tank Line of Bajaj Auto Ltd.

2003 : Acquired a new premises of 45000 Sq. feet at Ambad Industrial Area.

2004 : Technology transfer for manufacturing of arms from Tecna.

2005 : Setup of State of the Art Tool Room.

2006 : Developed Networking Tool for Welding Machines.

2008 : Development of complete range of Light Track System.

2009 : Supply of Welding equipment lines to Mahindra Chakan

2009 : Formation of Wiresys Auto Components Pvt. Ltd. for Auto Component Business

2010 : Diversification in Agriculture Business by formation of SG Orchards

2011 : Introduced Nut & Bolt Feeders.

2012 : Introduction of new series of guns.

2013 : Formation of joint Venture with Tecna, S.p.A., Italy.

CLIENTELE

Maruti Suzuki India Ltd.
Ashok Layland Ltd.
Bajaj Auto Ltd.
Bharat Heavy Electrical Ltd.
BMW India Pvt. Ltd.
Caterpillar India
Fiat India Pvt. Ltd.
Ford India Pvt. Ltd.
General Motors India Pvt. Ltd.
Hindustan Aeronautics Ltd.
Hyundai Motor India Ltd.
John Deer
Krohne Marshall Pvt. Ltd.
Mahindra and Mahindra Ltd. Farm Equipment Sector
Mahindra and Mahindra Ltd., Auto Sector
Mahindra Navistar Automotives Ltd.
Piaggio Vehicles Pvt. Ltd.
Renault Nissan Automotive Pvt. Ltd.
Tata Motors Ltd.
The International Aerospace Manufacturing Pvt. Ltd.
VE Commercial Vehicles Ltd.
Volkswagen India Pvt. Ltd.
Jai Bharat Maruti Ltd.
Caparo Maruti Ltd.
Vee Gee Industrial Enterprises Pvt. Ltd.
S.K.H. Metals Pvt. Ltd.
Mahindra Ugine Steel Co. Ltd.

AUTO NUT & BOLT FEEDER

HIGHLIGHTS

- **High Speed Production:** Welding of 60 to 70 Nuts per Minute is possible with one machine and one operator
- **Operator safety:** No need for operator to put nut between electrodes and as such no possibility of accidental injury to the operator
- **Right placement:** Nut is placed with right orientation every time. Thus savings from probable damaged parts, damage to electrodes
- **No Wastage:** Nuts do not fall down on shop floor, saving the material wastage
- **Easy to setup:** Takes only a few hours for installation and is productionized on same day
- **Auto/Manual functions:** Facilitates welding of different nuts by switching of nut feeder and can operate only spot welder
- **Auto switch off for vibrator:** Saves power by switching off the vibrator when the supply hose is full

SPECIFICATIONS:

Operating Voltage	:	415V AC
Supply Frequency	:	50 Hz
Air Supply	:	4.5 to 5 bar
Bowl capacity	:	Around 10,000 Nuts
Feed rate	:	60-70 Nuts per Minute for M6
		50-60 Nuts per Minute for M10

TIP DRESSER

HIGHLIGHTS

Improved welding quality due to dressing in proper shape
Prevents excessive material removal and improves electrode life
Interchangeable blades for various shapes of electrodes
Suitable for robotic applications
Dressing of both tips simultaneously (optional)

SPECIFICATIONS:

- Supply Voltage:415 VAC @ 50 Hz
- Power consumption:400W
- Drive type:Electric motor with gear
- RPM:1500 RPM
- Gear Ration:1 : 10
- Electrode Dressing rate:4-6 electrodes per minute

HAND TIP DRESSER

JOB COUNTERS

Ensuring the spots count on manually spot welded assemblies is a challenging task for quality engineers. The process being manual, it requires some automatic check on the process which can alert operator of missing spots.

TECNA welding controllers have some built-in counters. Tip dressing count, stepper count can be fed into the controller itself and these counters can be configured intelligently to take care of simple operations.

However, in complex operations, where spot welding of single job is performed with the help of multiple machines, by multiple people, a specialized solution is needed.

Our counters are easily interlocked with TECNA control units. Simultaneous interlocking of up to four guns has already been deployed and proven. More than four guns can also be interlocked with jig/fixture.

- Counts spots performed only after placing the part in fixture
- Counts spots only after all required clamps are closed
- Does not allow the operator to inadvertently un-clamp the job, if any spot of any gun is missing

North Region - delhi@weldconindia.com
rudrapur@weldconindia.com

West Region - pune@weldconindia.com

South Region - south@weldconindia.com
chennai@weldconindia.com

East Region - east@weldconindia.com

WELDCON
INDIA[P.]LTD.

SLUY-12, A20/2, M.I.D.C., Ambad,
Nashik Maharashtra, India - 422 010.

Tel. : +91-253-6615704/05
Fax : +91-253-6615462

E-mail : sales@weldconindia.com,
www.weldconindia.com