



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.



Resistance welding consumables and accessories

CAP TIPS



Cap tips are made of Cr Cu or Cr Cu Zr with a specialized process of cold forming to enhance the working life and to reduce dressing frequency. Special tips for coated sheets are manufactured under special manufacturing process.

ELECTRODES



Electrodes are made of Cr Cu or Cr Cu Zr with a specialized process of cold forming to enhance the working life and to reduce dressing frequency. Tungsten tip electrodes for non ferrous material welding are brazed under special conditions to ensure the properties of Tungsten.

ELECTRODE HOLDERS AND SHANKS



These are made of Cr Cu, Cr Zr Cu and Co Be Cu depending on the size, shape and strength requirements. Cold Bending process ensures longer life over the casting process. Copper tubes for efficient cooling are incorporated during manufacturing process.

ADOPTERS



These are made from extruded bars of Cr Cu, Cr Zr Cu and Co Be Cu depending on the size, shape and strength requirements.

GUN ARMS



These are made from extruded bars of Cr Cu, Cr Zr Cu and Co Be Cu depending on the size, shape and strength requirements. Cold Bending process ensures longer life over the casting process. For higher strength requirements and longer throat depth applications, these are made of sandwich copper, a specialized proprietary manufacturing process of Weldcon. Copper tubes for efficient cooling are incorporated during manufacturing process.

PROJECTION WELDING NUT & STUD ELECTRODES



These are specially designed and manufactured with proprietary manufacturing process of Weldcon for longer life and to ensure the correct location of the Nut or Stud to be welded. Locating pins for nuts are available in various materials like ceramic, coated steel and stainless steel. Pneumatically operated nut welding electrodes also available on request.

FLEXIBLE SHUNTS & SUPPLEMENTARY CABLES



To ensure the electrical conductivity coupled with longer life, special cu alloy foils are used to manufacture Flexible shunts. Silver Coated shunts are also available. All sizes and cross sections are available in supplementary cables. The end connectors are designed as per equipments requirement.

ACCESSORIES FOR STATIONARY WELDING MACHINES



Horns, Plotters, Shafts, Holders and other accessories for all brands of machines available.

CHEMICAL COMPOSITION OF CHROMIUM-ZIRCONIUM COPPER SERIES PRODUCTS

Articles		Composition			
GB/QB	DIN/ASTM/JIS	Cr	Zr	Total impurity	Cu
QCr0.5	C18200	0.6-1.2	-	<0.2	REM
QCr0.5Zr0.15	C18150	0.5-1.5	0.05-0.25	<0.2	REM
QZr0.2	C15000/C15100	-	0.1-0.2	<0.2	REM
QZr0.4	-	-	0.3-0.5	<0.2	REM

MECHANICAL PERFORMANCES OF CHROMIUM-ZIRCONIUM COPPER SERIES PRODUCTS

Product Name	Alloy Marks	State	Specification(mm)	Tensile Strength(Mpa)	Elongation(%)	Hardness in HRB
Description	Articles	State	Specification	Tensile Strength	Elongation	Hardness in HRB
Chromium Bronze	C18200	TH04	4-20	>380	>10	75-80
			20-40	>475	>10	72-80
			40-60	>450	> 8	65-75
Chromium-zirconium copper	C18150	TH04	4-20	>450	>10	75-85
			20-40	>400	>10	73-85
			40-60	>380	>12	65-83
Zirconium copper	C15000/C15100	TH04	4-20	>450	>10	75-85
			20-40	>400	>10	73-85
			40-60	>380	> 8	68-83

Standard	GB/QB	ASTM/CDA	JIS	DIN
Marks	QCr0.5 QCr0.5Zr0.15 QZr0.2 QZr0.4	C18200 C18150 C18100 C15000/C15100	CuCr1Zr	CuCrZr
Specification	1.0-60.0mm			
Performances	Performances High strengthen (σb>=450Mpa,HRB:75-85), high conductivity (IACS:70-85%), heat-resistance, erosion-resistance and shape maintenance.			
Uses	Widely used for automobile and spaceship stencil plate and contact welding stainless steel. Ideal electrode material for seal welder, high-voltage switch welding material and circuit breaker material, best high-strength, high conductivity and high melting-point material used for Continuous crystallization device in metallurgical trade, and widely used for IC frame wire material.			

ACCESSORIES FOR STUD WELDING MACHINES



Stud welding collets of different sizes are made from special material having spring hardness for better holding and longer life. Spark shields to suit different dimensions in fixtures are available.

TIP REMOVER



These are designed to remove tips and electrodes from shanks and holders without damaging the shape and taper.

DRESSING CUTTERS



Customized shapes and sizes can be produced as well as for the standard cap tips and electrodes.



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



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