



SUPERTECH
SERVICES PVT. LTD.
Complete Welding Solutions

www.supertechservices.in

has successfully outgrown to become one of the most talked about solution providers for welding products and services in the country over three impressive decades.

With long standing industrial experience, prompt service and a client centric business approach, we have successfully grown to become

“Complete Welding Solution Provider.”

We engage in:

- Distribution and Services of Welding Equipments, Accessories
- Distribution and Sales of Maintenance-Repair-Overhaul products
- Contract Services and Leasing of Welding Systems

Service is our forte;

We believe providing efficient after sales service is an important part of customer service. We have highly qualified service engineers to handle all our customer requirements throughout the Indian subcontinent.

We abide by our vision of providing quality products to our clients. Strict standard of services percolates down to all levels in the organization.

We operate pan India with our offices in Thane, Vadodara and Bengaluru. We have also spread across geographically, offering our services to neighboring countries like Bangladesh, Bhutan and Nepal.

We have a state-of-art infra structural set up which is a perfect amalgamation of latest technology and adroit workforce.

To facilitate smoother and efficient business activities, we constantly update our product mix, service / testing equipment, workshops and warehouses as per the latest technological trends.





Miller Electric Mfg Co LLC leads the welding industry in building advanced, solution-focused products and meeting crucial needs for welding safety and health. Miller is headquartered in Appleton, Wisconsin and wholly owned by Illinois Tool Works (ITW). The company maintains its industry leadership setting the standard for reliability, quality and responsiveness. The company has now grown to become the world's largest manufacturer of welding products and allied systems. Miller's product range includes TIG, MIG, Multiprocess, SAW, Engine driven, Induction heating systems, Welding Intelligence Systems, gas equipment, to cater all types of industries involved in metal working.

Maxstar & Dynasty Series

- DC & AC/DC TIG Welding Inverters



Model No.	Amps	Duty Cycle @ 60% (10min)	Processes
Maxstar 161 STH	5-160	130 A at 15V	GTAW/ SMAW/ PULSED TIG
Maxstar/ Dynasty 210	1-210	210 A at 18.4 V	
Maxstar/ Dynasty 280 DX	1-280	235 A at 19.4 V	
Maxstar/ Dynasty 400	3-400	300 A at 32 V	
Maxstar/ Dynasty 800	5-800	600 A at 44 V	

Invision MPa Plus System

- MIG and synergic pulsed MIG system with optimized weld programs for both steel and aluminium.



Model No.	Capacity	Duty Cycle	Processes
Invision 352 MPa	5-425 A 10-38 V	350 A at 34 VDC 60% Duty Cycle	GMAW/ GMAW-P/ FCAW
Invision 450 MPa	15-600 A 10-38 V	450 A at 36.5 VDC 100% Duty Cycle	

Continuum System

- Next generation of advanced industrial welding solutions improves productivity through weld quality, ease of use and system flexibility.

Model No.	Capacity	Duty Cycle	Processes
Continuum 350	20-400 A 10-44 V	300 A at 34 VDC 100% Duty Cycle	GMAW/ GMAW-P/ RMD/ FCAW
Continuum 500	20-600 A 10-44 V	500 A at 40 VDC 100% Duty Cycle	



XMT 350 FieldPro System with Arc Reach Technology

- Game-changing welding technologies can stop you from wasting hours every day. The most productive system with RMD for Pipe Root Pass MIG Welding, eliminating hot pass, best suited for process piping, refinery, petrochemical, power plants, HVAC and pipelines



Model No.	Capacity	Duty Cycle	Processes
XMT 350 FieldPro	5-425 A 10-38 V	350 A at 34 VDC 60% duty cycle	RMD/ GMAW/ GMAW-P/ FCAW/ SMAW/ GTAW
Arc Reach Smart Feeder	wire dia 0.9 ~ 1.2mm	275 A at 27VDC 60% duty cycle	



Big Blue 400X Pro

- The professional welder's choice- designed with the professional in mind, the Big Blue 400X Pro is the best for ease of use, reliability and fuel economy.



Model No.	Capacity	Duty Cycle	Process
Big Blue 400X Pro	20-400 A	300 A at 32 V 100% duty cycle	SMAW/ GMAW/ FCAW/ RMD/ GTAW

Dimension 650

- Developed for harsh environmental conditions and output requirements that range from powerintensive to precise.

Model No.	Capacity	Duty Cycle	Process
Dimension 650	CC mode: 10-815A CV mode: 10-44V SAW mode: 10-65 V	650 A at 44 V, 100% duty cycle	SMAW/ GMAW/ FCAW/ GTAW/ SAW



Induction Heating - ProHeat 35 :

Induction heating is a simple and cost-effective heating process that can deliver fast and consistent heat. Applications that would typically require hours to heat, can be done in minutes.

The Miller ProHeat 35 Induction Power Source transfers more energy to the part, reducing operating costs over different heating methods. It is equipped with built-in temperature controller allowing for manual or temperature-based programming using upto four control thermocouples. One ProHeat System can be used for several induction heating configurations suitable for:

- Welding Fabrication & Construction
- Preheating
- Shrink Fit Applications
- Post-Weld Heat Treatment (PWHT) / Stress Relieving



Liquid-Cooled Rolling Inductor (preheat of moving parts up to 315°C) :

It is ideal for preheating rolling pipe and moving parts, with easy and time saving set up.

Weldcraft TIG torches :

Weldcraft TIG torches and consumables are made from the highest quality copper alloys that can handle extreme temperatures. There is a variety of Weldcraft TIG torches available to handle the most intricate to the most demanding welding challenges for nearly every TIG application.





Over 50 years, CK Worldwide has brought more innovations to TIG Welding products than any other manufacturer. CK Worldwide designs and manufactures products with a mission to make TIG welding a more efficient process by bringing state-of-the-art, high performance materials to the relatively simple TIG welding torch. The product range includes variety of specialized TIG torch, regular and innovative TIG consumables, purge chambers, tungsten grinder, cold wire feeder etc.

CK 24

- Gas cooled
- 80 amp/ 90 amp ACHF or DCSP @100%



CK 18 Heavy Duty

- Water cooled
- 400 amp ACHF or DCSP @100%



CK 17

- Gas cooled
- 150 amp ACHF or DCSP @100%



USFL150

- Gas Cooled
- 150 amp ACHF or DCSP @100%
- Steady-Grip ergonomic handle.



Micro Torch

- The Micro Torch smallest & most versatile TIG torch with multiple angular heads suitable for narrow & space constraint jobs. 45°, 90° & 180° interchangeable heads.
- Available in 70amps air-cooled & 140amps water-cooled.
- Suitable for 1.0, 1.6, 2.4mm tungsten diameters
- Neck Dia: 7.9mm; Neck Length: 78.7mm,
- Cup Dia: 9.1mm; Cup Length: 15.2mm (Custom Neck Length upto 200mm available.)



Coldwire Feeder – WF-5

Increase productivity by automating TIG process by adding of filler metal. Suitable for multiple wire diameters and standard wire spool sizes. Either fully automate it or use as one-handed TIG.

- Connects to any make of TIG Machines
- Filler Wire Size: 0.5mm ~ 1.6mm
- Wire Feed Speed Range: 0 ~ 700 in/min
- Feed Time, Dwell Time, Wire Retract Time,
- Delay Start Time – Continuously Variable
- Options of Torches – machines mounted, handheld & hand held pendant.



CK 25 Pencil Flex

- Water cooled
- 200 amp ACHF or DCSP @100%



MT500-18

- Water cooled
- 500amps ACHF or DCSP @100%



FL 230

- Water cooled
- 230 amp ACHF or DCSP @100%



Gas Saver Kits

- Gas Saver Kits save upto 40% shielding gas consumption & increases service life of replacement spares.
- Offers better gas coverage, allows longer tungsten stick-out & pyrex cups allows better viewing.



Tungsten Grinder - Turbo-Sharp X

Turbo-Sharp X - enclosed & portable tungsten electrode grinder provides consistent tip geometry and minimizes dust exposure.

- Adjustable angles 20° - 60°
- Both sides diamond-powder coated grinding wheel for double wheel life.
- Standard Heads for Tungsten Diameters 1.0, 1.6, 2.4, 3.2mm
- With Rad Head grinding upto 6.4mm diameter possible
- Net Weight: 1.8kgs., Light Weight and Portable












TUNGSTEN WELDING ELECTRODES (TIG)

CK Worldwide TIG Welding Electrodes/ Tungsten Electrodes offers several Premium grades of tungsten electrode. The tungsten is created using a very slow doping process that allows for principal oxides to be added efficiently.



Grade	Colour	Size	Applications and Details
2% Thoriated (WT20)	Red 	0.50mm x 175mm	Direct Current (D/C) applications. Good D/C arc starts and stability, medium erosion rate, medium amperage range, medium tendency to spit. RADIOACTIVE
Pure Tungsten (WP)	Green 		Alternating Current (A/C) for aluminum alloys and magnesium alloys in low to medium amperage. Balls easy, tends to spit at higher amperages. Used for non-critical welds only. Non Radioactive.
1.5% Lanthanated (WL15)	Gold 	1.0mm x 175mm	Direct Current (D/C) as an alternative to 2% Thoriated. Best D/C arc starts and stability, low erosion rate, wide amperage range, no spitting. Non-Radioactive.
2% Ceriated (WC20)	Gray 	1.6mm x 175mm	Alternating Current (A/C) or Direct Current (D/C) applications. Good ignition and re-ignition properties, long service life, excellent arc stability, Low erosion rate, best at low amperage range, no spitting, good D/C arc starts and stability. Non-Radioactive.
2% Lanthanated (WL20)	Blue 	2.4mm x 175mm	Best general purpose electrode for both Alternating Current (A/C) or Direct Current (D/C). Good arc starts and stability, medium to high amperage range, low erosion rate. Non Radioactive
		3.2mm x 175mm	
0.8% Zirconated (WZ8)	White 	4.0mm x 175mm	Alternating Current (A/C) for aluminum alloys and magnesium alloys. Balls well, less pitting, better arc starts and arc stability than pure tungsten. Non-Radioactive.
LaYzr (EWG)	Chartreuse 		Best for automated or robotic applications in Alternating Current (A/C) or Direct Current (D/C) due to low voltage tolerance (changes in tip to work piece distance). Very stable tip geometry, runs cooler than WT20 grade with longer life, low to medium amperage range. Very best low amperage starts. Non Radioactive

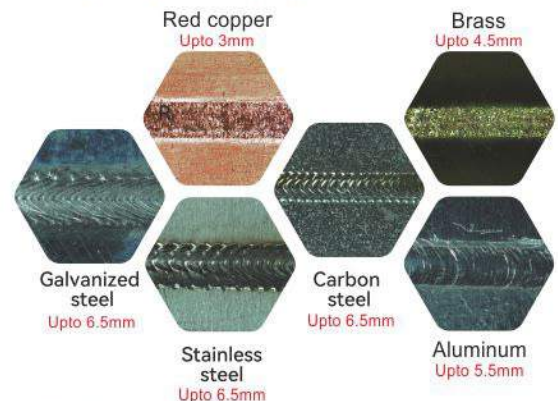


Hand Held Laser Welding Machine

Maxphotonic's new generation of handheld laser welding are light weighted, small sized, portable, flexible to use, simple to operate and easy to learn. Laser welds of stainless steel, carbon steel, aluminum, galvanized steel, copper and other wider materials offers better quality and uniform welding effect, excellent welding performance, fast welding speed, high welding strength, and small heat affected zone. It will never produce the situation of deformation, edge biting and burn through, etc. no need of subsequent grinding or polishing. Thus, the overall production efficiency is significantly improved, the consumable waste is reduced and cuts the produce cost of each workpiece.



With 5 different copper nozzles



Suitable model can be suggested based on application

Air Cooled Hand Held Laser Welding Machine



The Aquasol Corporation has brought about several new patented technologies for the purging in the welding industry. Purge Dam papers, Tapes, Bladders, Oxygen Monitors are some of their product offerings.



Water Soluble Purge Dam Paper and Tape

Dissolvable Purge Gas Barrier for TIG Welding, made of sodium carboxyl methyl cellulose and woodenpulp, 100% bio-degradable and effortlessly dissolves in water or steam hydro test.

- ASW-35/R-15 • ASW-60/R-15 • ASWT-1 • ASWT-2



POM[®]-100B/POM[®]-5B

Programmable Oxygen Monitor for Weld Purging Application for measurement upto 100ppm and 5ppm. App Enabled with Bluetooth. Long Life Sensor.



EZ Purge

Pre-formed, self-adhesive water soluble purge dams. Completely ready-to-use as per specific pipe diameters increases productivity.



Solugap

Water Soluble Socket Weld Spacer rings for precise even gap every time.



I Purge & I Purge X

Modular Inflatable Bladder System for Purging. Expandable & Extendable; One system for multiple pipe sizes.



EZ Zone Tape

Purge Gas Retaining Tape for Clean Contaminant Free Welding



Fiback

Fiberglass Weld Backing Tape to eliminate back purging



Every welding application is different and that's why Bernard MIG products are made to make the welder in control. Bernard is the only manufacturer that lets one configure a custom MIG gun for specific application. Bernard provides durable and innovative products for use with Miller wire feeders and machines and those of other manufacturers. Each of the product is versatile, dependable and built with a goal in mind of improving welding productivity and performance. The product range includes MIG/ MAG Torches, patented high quality Torch Consumables.



Bernard[®] BTB Semi-Automatic Air-Cooled MIG Welding Guns

Bernard MIG Guns are fully configurable & customized to keep the skilled welders healthy, while also increasing their productivity. You can count on Bernard MIG Guns to deliver industrial-grade performance and reliability in the most demanding & abusive environments

Welding Consumables:

Centrefire Consumables :-

- Thread-on nozzles and drop-in contact tips can be quickly replaced without tools
- Spatter shield within nozzle protects diffuser and gives smoother, less turbulent gas flow
- Provides better arc starts, less spatter and more consistent welds



Quick Tip Consumables :-

- A quick twist is all it takes for tip installation
- Diffusers secure contact tips in a fixed position for consistent welds
- Threaded taper lock between the tip and diffuser provides excellent heat transfer & electrical conductivity

AccuLock S - Consumables :-

- Flawless wire-feed path – AccuLock Liners are locked and concentrically aligned to both the contact tip and the power pin without the use of fasteners
- Error-proof liner replacement every time with no measuring!



Tempil

Temperature Indicators

Tempil, a part of Laco group, based in Chicago USA has been a leader of temperature measurement products in welding and manufacturing processes. Tempil incorporates temperature indicator technology to produce their temperature indicators, temperature paints, temperature labels and allied metal coatings.



Tempilstik

- Temperature measurement crayon for Pre-heat, Stress Relieving, Interpass heat temperatures.
- Temperature available: 38°C to 1093°C
- Reliably accurate- melts within +/- 3% celsius rating
- Lead and sulphur free
- Permanently calibrated, available with lot number for traceability



Bloxide

Aluminum based Weldable Primer prevents corrosion for long periods of storage. Ability to strike welding arc without removal, saving time and efforts against any regular primer. Offers X-Ray quality welds. Available in 1 gallon (3.78ltrs), can be brushed or sprayed.



Tempilaq Advanced

- Temperature Indicating Liquid for thermal mapping, calibrating furnaces, annealing etc
- Melts at rated temperature and re-solidifies with a distinct mark to confirm surface reached target temperature
- Easy to apply, quick drying fluid, optimal for cold and/or smooth surfaces
- Reliably accurate - melts within +/- 3% celsius rating
- Temperature range: 149° C to 816° C



Series 21 Tempilabel

- Irreversible Temperature Indicating Labels
- Single Temperature readings 49 Deg C to 260 Deg C (for Deg make the sign)
- Available in pack of 210 labels OR rolls of 1000 labels.
- Size: 0.47" x 0.51" (12 mm x 13 mm)

MESSER

Cutting Systems

Messer GmbH a pioneer of oxyfuel cutting and welding torches, offer high competency in the products, application & technology globally. The products & solutions cater to wide range of gas welding, cutting and regulation.



Cutting Torch Profi Cut H (EN ISO 5172)

The New Generation Nozzle Mixing Technology Torch & Nozzles



Pressure Regulators (EN ISO 2503)

Reliable, Versatile, Compact and Internationally Proven



Flashback Arrestor (EN ISO 730, ISO 5175)

BAM approved & U/L certified



Heating Torch Airtherm

High Heating Performance With Fuel Gas Only (LPG – BMCG)



Omega

The Ultimate Lubricant

Omega Specialty Lubricants are the finest line of quality Oils Greases and Additives in the world, made from premium and limited source paraffinic base oil and exclusive supplements- 'Megalites'. Omega offers total concept lubricants, engineered and developed to enable machinery perform more efficiently, with less wear and extended service life.



Specialty Grease and Oils for applications involving:

- High Temperature
- High Speed
- Extreme Pressure & Loads
- Water/ Steam/ Moisture Contamination
- Open Gears, etc.



Magna Maintenance Welding Alloys & Electrodes have repeatedly proven performance as they are based on sound scientific principles and offers numerous advantages over ordinary welding rods. Magna's continuous extensive research in electrode coding, chemistry and technology, contribute to high performance, maintenance weld quality and long lasting results.



Welding Alloys and Electrodes for :

- Dissimilar Steel
- Cast Iron
- Aluminium Alloys
- Hard Facing Alloys and many more



Corium

The Ultimate Choice

Corium offers wide range of quality chemical products, formulated exclusively for maintenance of machinery, vehicles, equipments etc. Corium provides custom-tailored formula for specific application for increased parts and equipment service-life, chemicals designed to eliminate downtime and cut maintenance cost. Corium products are made to keep your equipment run longer and at optimum efficiency.



- Rust Removers
- Industrial Degreasers and Electronic Cleaners
- Bolt Penetrating Oil
- Moisture Suppressant
- Varnish and Coatings
- Gasket Compound & Remover



Scan QR Code To Know More



The Bio-Circle parts cleaning system is a safe, efficient, and sustainable solution. Bio-Circle helps the industry to eliminate the use of hazardous cleaning solvents like DIESEL, CTC, MTO, and other solvents which are unsafe for the environment and to the people exposed to them. It eliminates hazardous chemical waste by combining a powerful blend of surfactants with specialized micro-organisms cultured for bio-remediation.



Bio Circle GT Compact

This is a part washer system with a compact design.

- Cleaning and degreasing of strongly contaminated parts.
- Optimized depth of the basin ensures good splash protection.
- Easy transport by means of a lift truck or a rail system with castors.
- Filter system in the basin drain.



Bio Circle L Evo

The Bio-Circle L Evo Liquid, is used in combination with the BIO-CIRCLE parts washers (GT Compact), contain microorganisms that degrade the removed oil & grease, guaranteeing long bath lives. Cleaning results remain at a constantly high level, even with increased dirt ingress. Environmentally friendly and safe.



CB 100

CB 100 is a water based industrial cleaner, without solvents and has excellent dissolving powers. It is based on renewable raw materials and cleans extremely persistent contaminants like grease, oils, smoke residues, soot and wear particles.



KEMPER welding fume extraction systems stand for highest reliability and quality. The extraction of welding fumes from the surrounding air not only ensures clean air at the workplace, but also leads to greater employee satisfaction. KEMPER has been providing optimum safety and employee protection at the workplace for more than 40 years with a wide range of products from mobile extraction systems, smart filter units to effective room ventilation and tailor-made extraction solutions for the metalworking industry.



Mobile Fume Extraction Unit - PROFIMASTER

- Welding smoke filter unit with single / double exhaust arm
- 2 Stage replacable filter for medium levels of smoke and dust
- Flexible exhaust arm of different lengths - 2m, 3m, 4m, single and twin arm option.

Mobile Fume Extraction Unit - FILTERMASTER XL

- Welding smoke filter unit automatic cleanable filter.
- Suitable for high levels of smoke and particles.
- Flexible exhaust arm of different lengths - 2m, 3m, 4m.



Fume Extraction Filter Table



Wall Mounted Stationery Units



Customised Lengths Of Exhaust Arm



LA-CO Regular Flux is a water-soluble flux that meets industry standard ASTM B813. With NSF and UPC approvals, this all-weather flux is the ultimate flux for all copper soldering.



- Water-soluble paste won't leave residue in water piping
- Meets industry standard ASTM B813 and contains no zinc chloride to reduce corrosion concerns
- Non-acid, non-toxic, and lead-free to eliminate safety concerns
- Cleans pipe upon application, allowing solder to run more smoothly around the pipe
- All-weather formula for use in hot and cold climates

For use on :

All lead-free and common soft solders, Copper, Brass, Galvanized iron, Lead, Zinc, Tin, Silver, Nickel, Mild steel, Terne plate, Malleable iron.

Automation & Accessories



Seam Tracking System



Arc Voltage Control



Hot & Cold Wire Feeder



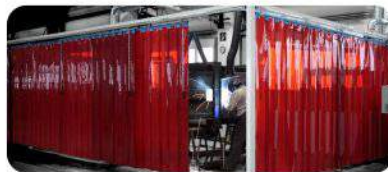
Magnetic Oscillators



Orbital Welding System



Proportional Two Gas Mixer



Welding Curtains



Welding Blankets



Welding Electrode Oven



Leather Welding Gloves



Copper Welding Cables



Welding Wires & Consumables



Temperature Labels



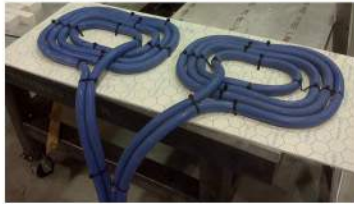
Welding Auto-Darkening Helmet & Respiratory Systems



Products for Rental



Trolley mounted Diesel Welding
Generator



Induction Heating System for
Pre-Heat & Post Weld Heat

KTIG



KeyHole TIG Welding

For more information contact:

SUPERTECH SERVICES PVT. LTD.

Add : Plot No. A-253, Road No. 30-B, Wagle Industrial Estate, Near Police Station, Thane (W) 400 604, Maharashtra, India.

Tel.: + 91 91360 26188 / + 91 91360 97134 / 35 Email: ssl@supertechservices.in

Branches:

Vadodara Branch -

Add : Satyam Apartment, Ground Floor, 19, Vrajwadi Society, Jetalpur Road, Vadodara – 390007. Gujarat, India

Telefax: +91 -265 -2356764 Email: sslbaroda@supertechservices.in

Bengaluru Branch -

Cellar Floor No.: 23, 14th Cross, 9th Main, Girinagar 3rd Phase, Bengaluru, Karnataka, 560 085

Email: sslblr@supertechservices.in Tel: 080-22235408

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