



END TO END SOLUTIONS FOR
YOUR HYDRAULIC SYSTEMS

AN ISO 9001:2015 CERTIFIED CO



COMPANY PROFILE

HYDRAULIC
TUBE COUPLINGS
VALVES
FLANGES
ADAPTORS
ACCESSORIES

hydromax

ABOUT HYDROMAX

HYDROMAX established in year 2002 situated in Belgaum, Karnataka (INDIA) under its product brand name “HMAX”.

“HMAX” brand offers the most complete range of standard Tube couplings, Valves, Flanges, Adaptors and Accessories.

“HMAX” brand products are well known for its quality and reasonably priced. The company has established a good in- house Training, Design, Manufacturing, Inspection and testing facilities to meet necessary quality standards.

REFERENCE STANDARDS

- ISO 8434 - 1 -- 24° Cone Bite type
- IS : 8805 -- 24° Cone Bite type
- DIN 2353 -- 24° Cone Bite type
- ISO 8434 - 4 -- 24° Cone with Weld on Nipples
- BS 5200 -- 60° Hose end
- ISO6162/6164 –Hydraulic Flanges

NOMINAL PRESSURE RATING FOR FITTINGS ARE SHOWN BELOW

Series(L)

6, 8, 10, 12, 15 OD - 250 bar.
18, 22 OD - 160 bar.
28, 35, 42 OD - 100 bar.

Series(S)

6, 8, 10, 12, 14 OD - 630 bar.
16, 20, 25 OD - 400 bar.
30, 38 OD - 250 bar.

OUR PRODUCT RANGE INCLUDES



- Tube To Tube Couplings
- Male Stud Couplings
- Bulkhead Couplings
- Swivel Couplings
- Weld Couplings
- Female Stud Couplings
- Gauge Adaptors
- Reducers
- Adaptors/Plugs
- High Pressure Shut off / Needle Valves
- Gauge Isolated Valves
- Check Valves
- Bonded Seals
- ‘O’ Rings
- Sealing Rings
- Elastomeric Seals

OUR STRENGTH

- Advanced Technology
- Cost Effective Equipments
- Domestic And International Sales Network
- Integrated Manufacturing Set Up
- In House Research And Development

SURFACE PROTECTION

Couplings are zinc plated with Trivalent passivation (white) as per standard. Weldable nipple, Weld couplings are phosphated and oiled.

All tube Couplings are rigorously tested for Burst pressure, Fatigue impulse and Pull test.

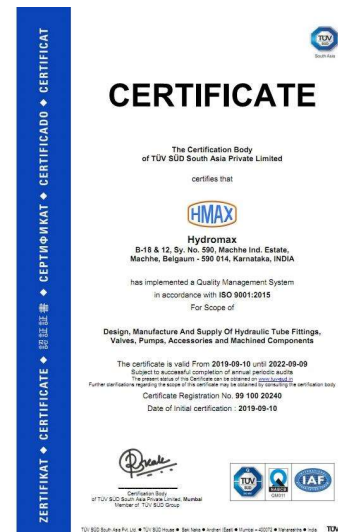
(Ref. ISO 8434-5 & BS 5200) Apart from the std couplings company can supply special customized Couplings

Also we can supply Couplings in SS316, SS304, Brass material as per DIN 2353, BS 5200 which are mostly used in... Steel plants, Shipyards, Railways, Defence and power plants.

We also take turnkey projects related to Couplings.

OUR QUALITY POLICY

Working together for “TOTAL CUSTOMER SATISFACTION” with effective and efficient “QUALITY MANAGEMENT SYSTEM” Strong focus on “CONTINUAL IMPROVEMENT and TOTAL INVOLVEMENT” of Employees and Suppliers in the field of Manufacturing and Supplying Hydraulic Tube Couplings, Valves, Flanges, Pumps, Adaptors and Accessories.



SAFETY - OUR FIRST PREFERENCE

All equipments are designed considering all safety parameters.

Produced under supervision of highly qualified technical staff.

All equipments are critically tested to achieve these safety parameters.

Our scientifically designed equipments reduces man efforts, man hours, man power & fatigue.

BUSINESS ASSOCIATES - KEY OF SUCCESS

Our equipments are back up with rigid technical base prompt service with in built high quality and reliability That's why thousands of people relive on our design and hundreds of companies trust in our products. We are on the top list of many companies for manufacturing hydraulic products.

TUBE COUPLINGS



Description	Tube to Tube Coupling c/w Body, Nuts & Ferrule
Coupling Types	ISO 8434-1 / din 2353 24° Compression Couplings
Body	Carbon Steel (Hot Forged Steel - SAE 1015/1018)
Nut	Cold Forged Steel 15C8 / SAE105
Ferrule	Hardened Steel 11SMnPb30
Plating	Zinc Plating with Trivalent Passivation (White)
Series	LL (Light Low) Series / L (Light) Series S (Heavy) Series
Pressure	Light Low - 100 bar / Light - 100 to 250 bar Heavy - 250 to 630 bar
TUBE OD	Light Low - 4 OD to 8 OD / Light - 6 OD to 42 OD Heavy - 6 OD to 38 OD

TUBE COUPLINGS WITH WELDABLE NIPPLES



Description	Tube to Tube Coupling c/w Body, Nuts & Weldable Nipples
Coupling Types	ISO 8434-1 / din 2353 24° Compression Couplings
Body	Carbon Steel (Hot Forged Steel - SAE 1015/1018)
Nut	Cold Forged Steel 15C8 / SAE105
Weldable Nipple	Carbon Steel
Plating	Zinc Plating with Trivalent Passivation (White)
Series	LL (Light Low) Series / L (Light) Series S (Heavy) Series
Pressure	Light Low - 100 bar / Light - 100 to 250 bar Heavy - 250 to 630 bar
TUBE OD	Light Low - 4 OD to 8 OD / Light - 6 OD to 42 OD Heavy - 6 OD to 38 OD

HYDRAULIC VALVES



Description	Assembled Body
Construction	Seat type valve
Mounting type	In-line, Right angle
Body	Alloy Steel
Seal	Viton
Plating	Zinc Plating with Trivalent Passivation (White)
Pressure	315 bar
Size	1/4" to 1.1/2" BSP
TUBE OD	10 OD to 38 OD

HYDRAULIC FLANGES



Description	Flange c/w 1xFlange + 1xCounter Flange + 4 Bolts
Flange Type	Mounting Interface conforms to ISO 6162
Body	Carbon Steel / Stainless Steel
Seal	Viton
Plating	Zinc Phosphate and Oiled
Series	61-Light Series / 62-Heavy Series
Pressure	Light - 25 to 345 bar / Heavy - 288 to 414 bar
Nom Flange Size	Light - 1/2" to 5" / Heavy - 1/2" to 3" NB

WELD ADAPTORS



Description	Weld Couplings c/w Nut & Ferrule
Coupling Type	ISO 8434 / DIN 2353 - 24° Compression Couplings
Body	Carbon Steel
Nut	Cold Forged Steel SAE105
Ferrule	Hardened Steel 11SMnPb30
Plating	Zinc Phosphate and Oiled
Series	L-Light Series / S-Heavy Series
Pressure	Light - 100 to 250 bar / Heavy - 250 to 630 bar
TUBE OD	Light - 6 OD to 42 OD / Heavy - 6 OD to 38 OD

HYDRAULIC ADAPTORS



Description	Hose Adaptor
Coupling Type	BS 5200 / DIN 3852
Body	Carbon Steel
Seal	Nitrile
Plating	Zinc Plating with Trivalent Passivation (White)
Pressure	125 - 400 bar
END	1/8" to 1.1/2" BSP, BSPT, NPT

HYDRAULIC PLUGS



Description	Hex Head Plug, Socket Head Plug, Grub Screw
Type	BS 5200 / DIN 3852
Body	Carbon Steel
Seal	Nitrile
Plating	Zinc Plating with Trivalent Passivation (White)
Male Thread	1/8" to 1.1/2" BSP, BSPT, NPT

HYDRAULIC SEALS



Description	Elastomeric Seal, Bonded Seal, Copper Washer, Sealing Ring For Throttle free Banjo Couplings
Seal	Nitrile / Copper / Carbon Steel + Nitrile
For Metric	M10x1.0 to M48x2.0
For BSP	1/8" to 1.1/2"

PRESENT INFRASTRUCTURE

Si No	PRESENT MACHINERIES	Nos
01	CNC TURNING CENTRE	13
02	HYDRAULIC BAND SAW CUTTING MACHINE	02
03	HYDRAULIC THREAD ROLLING MACHINE	02
04	DRILLING MACHINE	01
05	LOGO PUNCHING MACHINE	02
06	AIR COMPRESSOR	02
07	AC GENERATOR	01
08	SHOT BLAST MACHINE	01
09	ROLL MARKING MACHINE	01
10	NUT CRIMPING MACHINE	01
11	DOT PIN MARKING MACHINE	01
12	HYDRAULIC TEST RING	01
13	PACKING MACHINE	01
14	HARDNESS TESTING MACHINE	01

Apart from our own infrastructure we have a very good Vendor(sub-contract) base of 10 nos with maintained machineries.

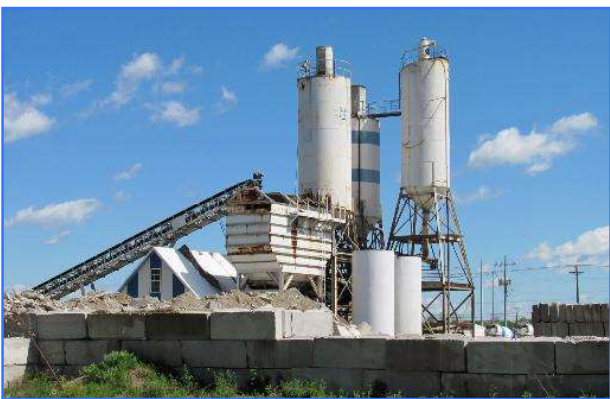
INDUSTRIES WE CATER



EARTH MOVING EQUIPMENT



PETRO-CHEMICALS



CONSTRUCTION



RAILWAYS



DEFENCE



SHIPPING

HYDROMAX TODAY

- One of the most reputed brands in the field of Indian Hydraulic Industry
- Latest manufacturing and quality control equipments
- Highest quality standards
- Large distributor Sales network in Domestic and International Market
- Approved supplier to India major government sectors and private Companies
- Contributing to India's fluid power standardization at the level of the steering committee

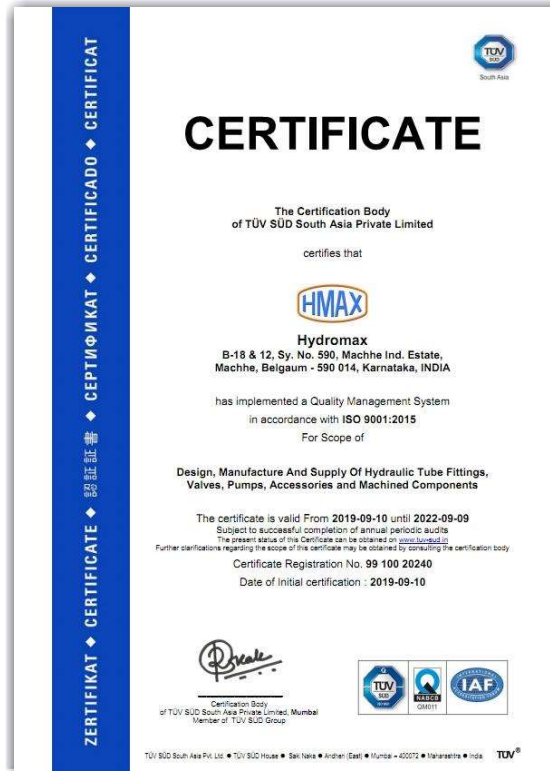
PROPOSED NEW PREMISES LAYOUT WITH AUTOMATED PLATING PLANT
PREMISES AREA: 30,000 sq ft



FURTHER IN THIS NEW PREMISES WE HAVE PLANNED TO INSTALLED THE BELOW NEW MACHINERIES

- 20 no's CNC TURNING CENTRES WITH ROBOTS
 - CHEMICAL ANALYSIS LAB
 - AUTOMATIC PLATING PLANT
 - AUTOMATIC CNC BANDSAW MACHINE

CERTIFICATION



TRUST AND CONFIDENCE



THANK YOU FOR YOUR TIME AND ATTENTION!

REGD OFFICE AND WORKS

B-18, SY NO 590, MACHHE INDUSTRIAL ESTATE,
MACHHE, BELGAUM-590014
KARNATAKA.INDIA.
TEL: +91-831-2412771

Email: sales@hydromax.in
Visit us: www.hydromax.in