

Manufacturers of Automotive Parts, Hydraulic Assemblies & Allied Engineering Works

Major Clients



RoyalTech

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PRECISION MACHINING & STAMPING EXPERTS



RoyalTech

ISO 9001-2015 Certified

www.royaltechltd.com.pk

The Group

We are group of three companies each with unique Facilities.

Royal Tech (Pvt) Ltd.	Manufacturing of precision Machining & Stamping Parts	1982
Mecas Engineering (Pvt) Ltd.	Manufacturing of precision Machined Parts	1987
Mecas Foundry	Produces Grey Iron & SG Iron Castings	2000

Company Profile

Royal Tech (Pvt) Ltd. was established in 1982 as manufacturers of precision machined and sheet metal components for Tractor OEM's Like MASSEY FERGUSON, NEW HOLLAND and FORD. Royal Tech is producing casting machined parts, Assemblies and Sheet Metal parts for tractor assemblers, which require a higher grade of accuracy.

Royal Tech is manufacturing Hydraulic components, Sub-Assemblies and Assemblies for Tractors. Some of the precision parts undergo selective assembly to meet pressure testing requirements.

All Hydraulic components are checked on test benches to ensure proper functioning. Typical components being produced are Hydraulic Lift Control Assembly, Hydraulic Distribution Block Assembly, Hydraulic Power Steering Cylinders, Brake Cylinder Assembly & Pressure Vales.

Royal Tech is also producing Sheet Metal Parts by utilizing 10-300 tons capacity of Hydraulic and Mechanical Presses.



Mecas Engineering

The Mecas Engineering (Pvt) Ltd. was establish in 1987 for Producing machined parts for various Tractors and Automotive OEM's. Mecas has been able to earn the customer confidence through its non-compromising approach towards quality and on time delivery promise. Mecas Engineering is manufacturing Brake Discs (Ventilated & Solid), Brake Drums, Hubs and Mounting Brackets, Safety Valves, Hydraulic Cylinder & Piston, Differential Case and many other parts.

Mecas Foundry

Established in 2000 and is equipped with German Molding Machine HWS (HEINRICH WAGNER SINTO GmbH) having PLC controlled Moulding Line. It's melting furnace capacity is 2000kg/40min and having cupola of 15 tons of capacity per day. It also have material testing lab with German spectrocheck and can also test tensile strength.

Mission

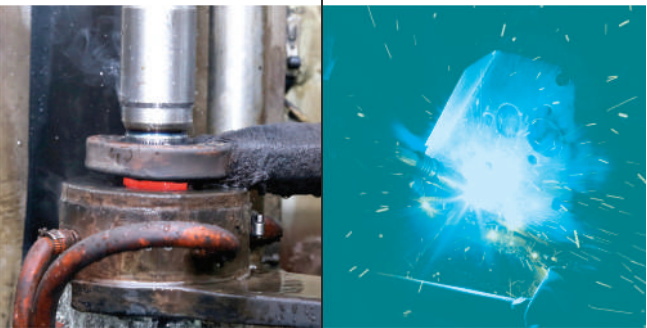
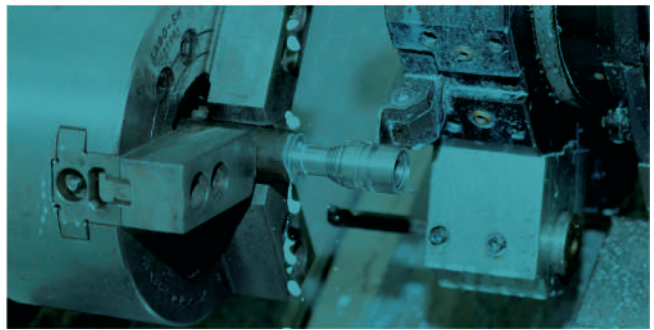
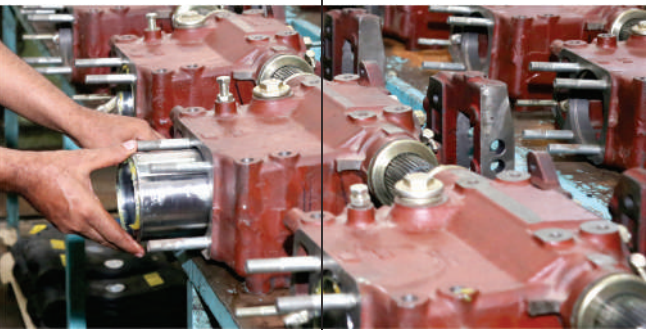
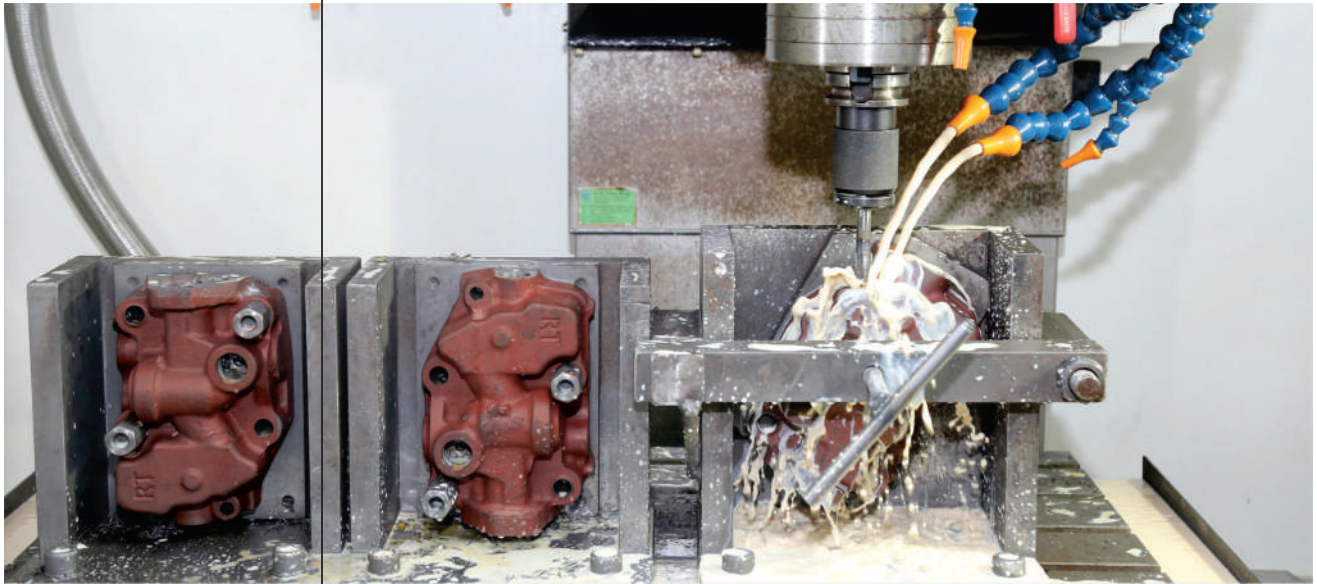
To exceed our customer's expectations in quality, delivery time and cost through continuous improvement and customer interaction.

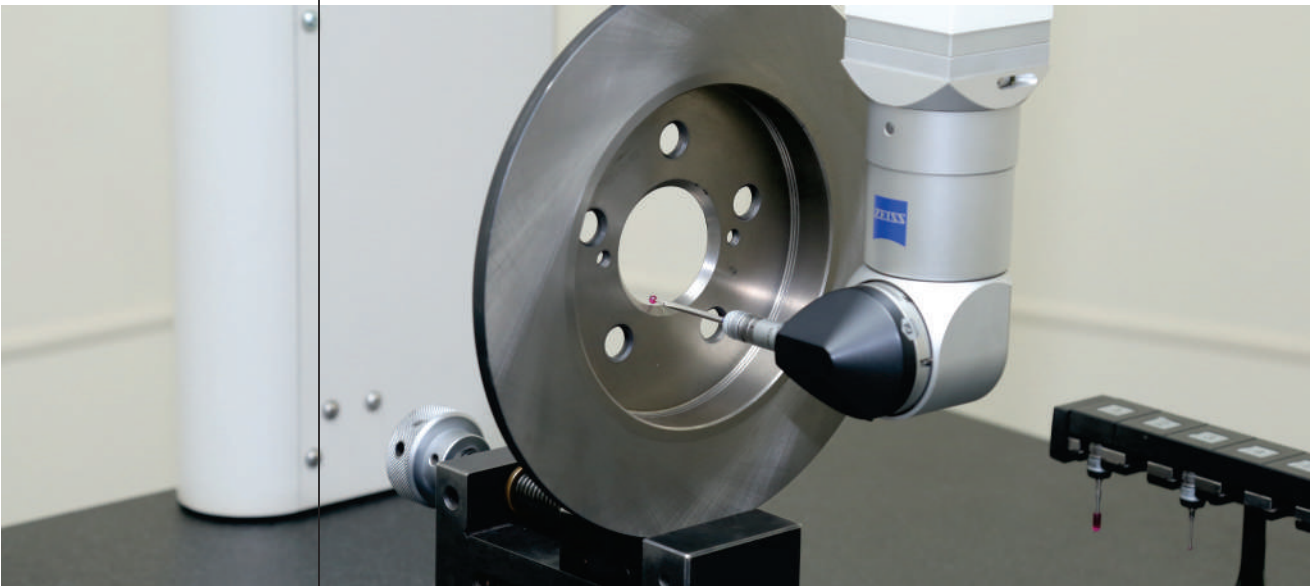
Vision

To provide the highest quality of deep drawn components and assemblies to our customers.

Facilities

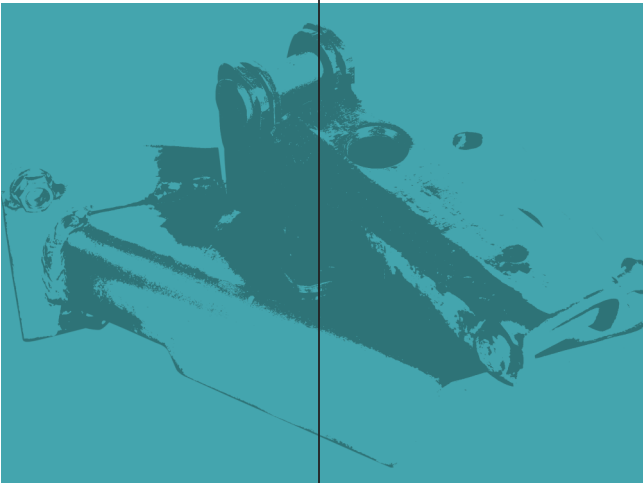
- ◆ Design & Development Using CAD/CAM
- ◆ Reverse Engineering
- ◆ Dies & Fixtures Making
- ◆ Precision Machining
 - CNC Machining Centre
 - CNC Turning Centre
 - CNC Induction Hardening
- ◆ Gear Hobbing
- ◆ Hydraulic & Mechanical Presses
- ◆ Heat Treatment
- ◆ Electroplating
- ◆ Powder Coating





Quality Assurance

It has always been company's policy to actively pursue highest levels of quality through continuous improvement of our capabilities. Process Audits are regularly done to ensure continuous improvement.

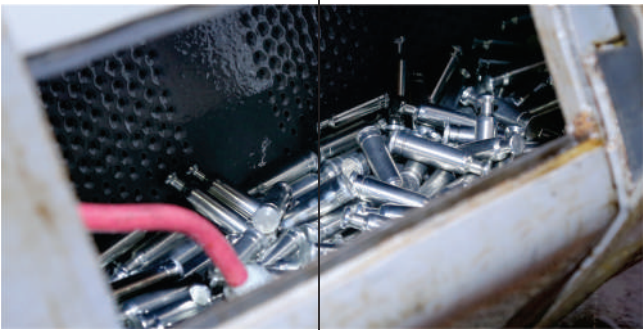


Quality Equipment

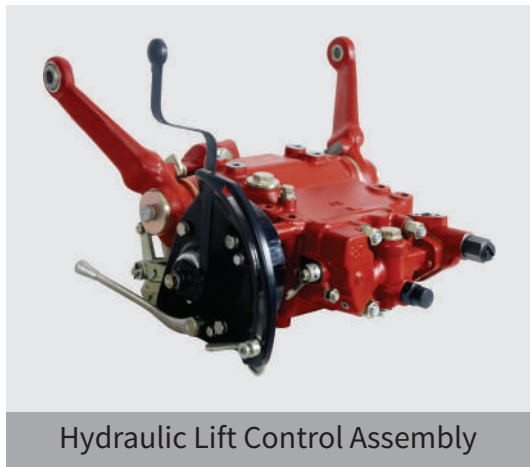
- ◆ Coordinate Measuring Machine (CMM)
- ◆ Profile Projector X10, X20
- ◆ Roughness Measuring Machine
- ◆ Salt Spray Testing Machine
- ◆ Coating Thickness Measuring Apparatus
- ◆ Hydraulic Test Benches
- ◆ Spectrocheck Apparatus
- ◆ Tensile Strength Measuring
- ◆ Rockwell Hardness Tester

Exporting Countries

- ◆ Germany
- ◆ Italy
- ◆ Slovenia
- ◆ Poland
- ◆ Turkey
- ◆ Romania
- ◆ Saudi Arabia
- ◆ United Arab Emirates



Major Products



Hydraulic Lift Control Assembly



Hydraulic Distribution Block Assembly



Steering Housing



Transmission Line



Side Grille MF



Assembly Grille Upgrade



Differential Case



Power Steering Kit 480



Hydraulic Power Steering Cylinder MF 375



Hydraulic Power Steering Cylinder



Lift Arm Shaft



Axle Shaft



Hydraulic Cylinder



Steering Pump



Brake Drum Rear (HINO)



Wheel Hub (HINO BUS)



Front Disc Toyota



Brake Disc FAW



Rear Disc Toyota



Brake Drum X Honda



Selector Valve



RC Valve



Hydraulic Sleeve



Hydraulic Piston Fiat



Hydraulic Piston MF



Lift Control Assembly



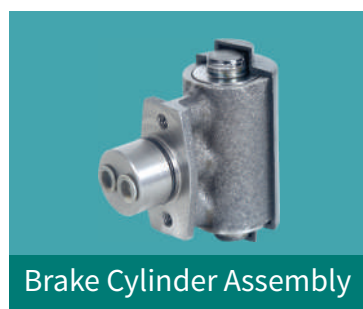
Cover Brake Plate R/H



Cover Brake Plate L/H



Safety Valves & Tappet



Brake Cylinder Assembly



Plate Front



Hydraulic Pump Piston



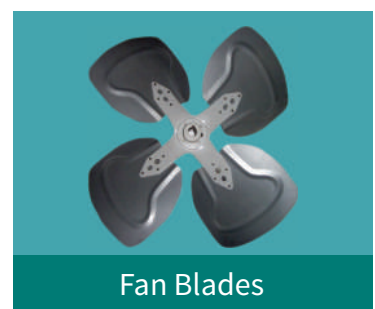
Valve Chamber



Pressure Valves



Spool & Lift Valve



Fan Blades

Major Products