

**Precise  
Forging & Machining**  
is our Hallmark

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wherever  
precision  
counts

**AJR Metal Fabricators (Pvt) Ltd.**

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**TÜV**  
AUSTRIA BUREAU OF INSPECTION &  
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Air View  
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**QHSE CERTIFIED**

ISO 9001:2015  
ISO 14001:2015  
OHSAS 18001:2007





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## Profile

AJR Metal Fabricators (Pvt) Ltd was established in 1993 with the aim to produce quality equipments, parts and components for the engineering sector in general and automotive industry in particular.

Since the company's association with OEMs, with the Blessings of God Almighty, we have become a major supplier of wide range of parts and precision engineering components such as Engine Parts, Shock Absorbers Parts, Axles and Hardware, High Precision Parts etc. Our valued customers include Atlas Honda Limited, Millat Tractors Limited, Al-Ghazi Tractors Limited, Sohrab Motorcycle Limited and Plum QingQi Motors Limited.

Today, the company with its distinguished designing and manufacturing facilities, along with highly qualified and experienced team of professional engineers, is capable of undertaking and executing specialized designing, development and production of any complexity and magnitude.

Taking future as a challenge, we aim to set even higher standards in quality and services thus gaining broader client base and greater share in market.



## Mission

We are committed to provide automotive components to our customers based on good quality, low cost, timely delivery and reliability while maintaining honesty and integrity in all relationships with employees, customers, suppliers and community. Rewarding employees according to their performance and providing appropriate training to upgrade their skills. We ensure protection of environment through emission friendly production.

## Vision

Building our organization by employing the Corporate Management System. To improve sales by broadening client base, gaining share in aftermarket and launching our own brand products.

## Core Values

- ◆ Respect Divine and love mankind
- ◆ Being completely honest
- ◆ Delivering quality
- ◆ Being positive

## Quality Policy

Promote a quality-in-all-we-do philosophy with a total effort and commitment to continuous improvement.



## Major Clients



Atlas Honda Limited



Pakistan Cycle Industrial  
Co-operative Society Ltd.



Plum Qingqi Motors Limited



Millat Tractors Limited



Al-Ghazi Tractors Limited



## Forging Shop

Cold forging of light to medium weight components on mass scale is the hallmark of this shop. We also have High Frequency Up-setters & can hot forge medium to high plain-carbon & alloy steels. The capacity of mechanical power presses ranges from 60 to 250 tons /Sq. inch and stroke length varies from 4" to 13" (100 to 330mm).



Range of axis for long work piece, turning-across-centers, is X=400mm & Z=1000mm and short work piece machining is done on a smart series CNC's with a range of X=200mm & Z=150mm.

## CNC Shop

We have CNC Turning & Machining Centers that allow us extraordinary precision and productivity. These lathes are equipped with Part Catchers & Chip Conveyors offering lower production costs by increasing production efficiency. We have the facilities for both long and short work piece machining.



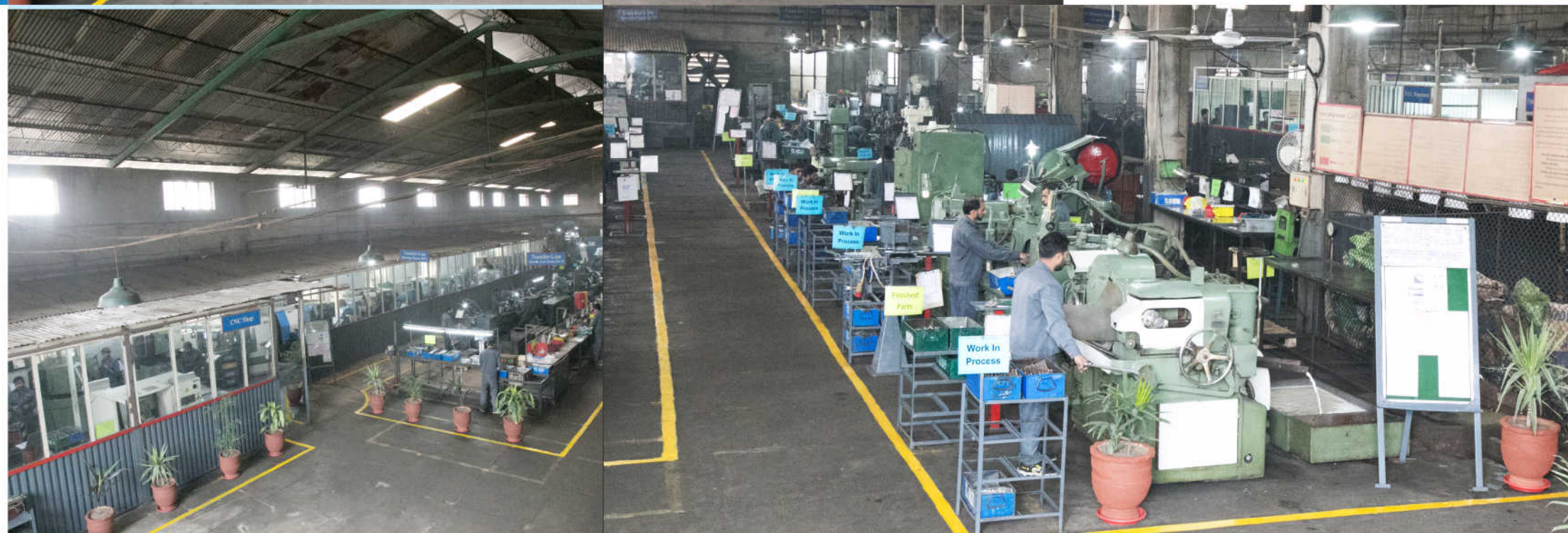


## Machine Shop

Machine Shop covers a vast area of 9000 sq.ft. Wide range of Mass Production Machines are skillfully positioned to produce high accuracy components on large scale.



This shop contains capstan lathes, center lathes, thread-rolling machines, cylindrical, center less & surface grinders, various multi-column, multi-head & bench drills, horizontal, vertical & key way milling machines and a screw compressor.



## Blank Cutting Shop

Our Blank Cutting Shop comprises of variety of automatic machines which includes:

- ◆ Auto Lathe Machines
- ◆ Circular Saw Cutter Machines
- ◆ Band Saw Cutter Machines

These machines are capable enough to blank cut wide range of raw materials required for forging of parts.



## Quality Assurance Department

This department has played the most vital role in the progress of our company. Highly qualified & trained staff is functioning in the various sections of this department. On-line Quality Control (Q.C.), In-coming Q.C. & Final Q.C. are the main segments of the Quality Assurance Dep't. Fully equipped Standard Room plays a key role in calibrating Gauges & Fixtures. Surface Roughness Tester, Coating Thickness Gauge, Profile Projector, Rockwell Hardness Tester are the main equipments of the area. There is also an all set laboratory for the analysis of electroplating solutions & passivations.



## Development & Maintenance Shop

This shop is the nucleus of our company. We have highly trained & skilled staff, producing almost all the dies, tools and fixtures required for the forging and machine shop.

Centre lathes, tool & surface grinders, hydraulic press, bench drills, vertical milling, lapping & shaper machines are the main ingredients of this shop.

## Electroplating Shop

Acid zinc & non-cyanide zinc electroplating is carried out in this shop. We have the capacity to plate 2.5 tons of steel parts daily.

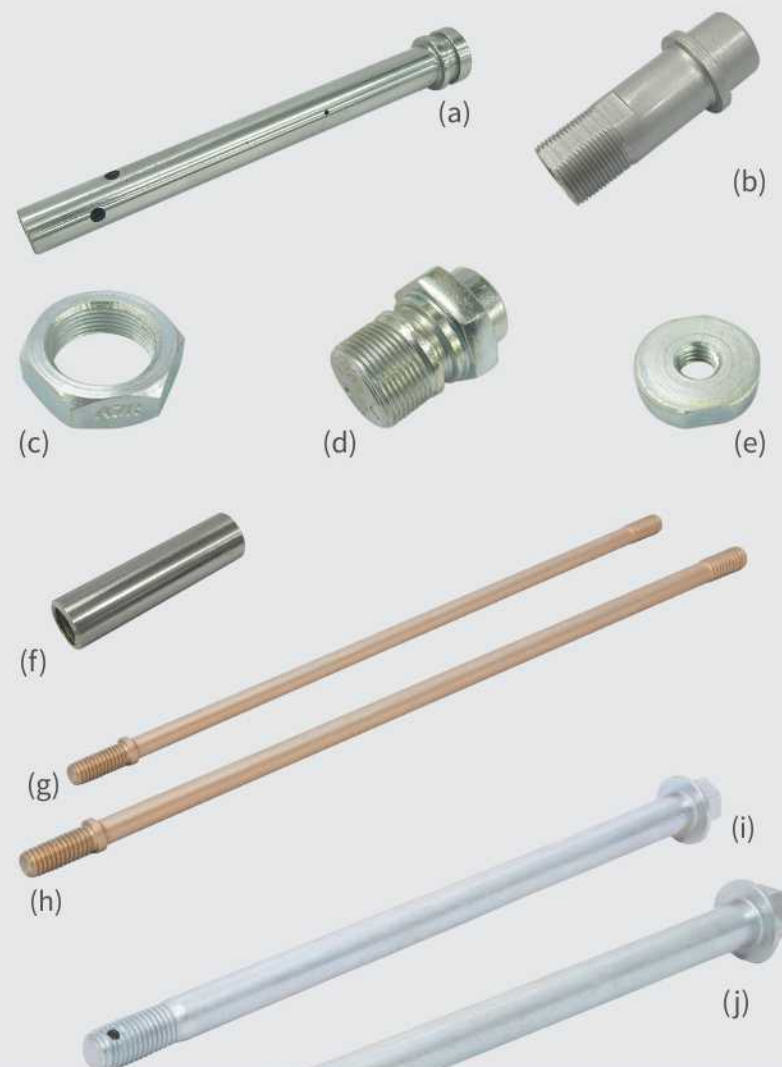
Barrel and rack plating is employed and can plate external threaded components without impairing the thread quality. We use Trivalent Passivations instead of toxic hexavalent passivations.





## Honda CD70

- a. Pipe Seat
- b. Sleeve, Raer Wheel Axle
- c. Nut Rear Axle Sleeve
- d. Bolt Fork
- e. Lock Nut M8, Rear Cushion
- f. Shaft Rocker Arm
- g. Bolt B, Cylinder Stud
- h. Bolt A, Cylinder Stud



- i. Axle, Front Wheel
- j. Axle, Rear Wheel
- k. Arm Assy. Kick Starter



## Honda CD100

- a. Pipe Seat
- b. Bolt A Front Fork
- c. Bolt Front Fork
- d. Collar Fuel Tank
- e. Axle Front Wheel
- f. Axle Rear Wheel



## Honda CD70/CD100

- g. Spindle Cam Chain
- h. Retainer Ratchet Spring
- i. Pivot Oil Pump
- j. Nut Lock M 14
- k. Retainer Valve Spring





**Atlas Honda Limited**  
Manufacturers of  
"HONDA" Motorcycles

wherever precision counts

### Honda CG125

- a. Pipe Seat
- b. Bolt Main Stand
- c. Rod Clutch Lifter
- d. Axle Rear Wheel
- e. Axle Front Wheel
- f. Nut Protector
- g. Arm Assy. Kick Starter



### Honda CG125 Dx

- h. Pipe Seat
- i. Bolt Fork
- j. Rod Clutch Lifter
- k. Axle, Rear Wheel
- l. Axle, Front Wheel

### Honda CG125/ CG125 Dx

- m. Retainer Valve Spring
- n. Push Rod
- o. Shaft Gear Shift



"SOHRAB" Motorcycles

### SOHRAB JS-70

- a. Axle, Rear Wheel
- b. Axle, Front Wheel
- c. Shaft Main Stand Pivot
- d. Sleeve Rear Wheel Axle
- e. Nut M18, Rear Axle Sleeve
- f. Nut Castle M10, Axle Front Wheel
- g. Nut Castle M 12, Axle Rear Wheel

### SOHRAB SD-70

- h. Axle, Rear Wheel
- i. Axle, Front Wheel
- j. Center Axle

**Pakistan Cycle Industrial  
Co-operative Society Ltd.**  
Manufacturers of  
"SOHRAB" Motorcycles







**Qingqi Motorcycles Limited**  
Manufacturers of  
"QINGQI" Motorcycles

- a. Bolt M10x103 (100CC)
- b. Bolt M10x115 (100CC / 150CC)
- c. Bolt M10x160 (100CC / 150CC)
- d. Bolt M10x190 (100CC)
- e. Bolt M10x200 (100CC / 150CC)
- f. Bolt M10x244 (100CC)
- g. Bolt M10x265 (100CC / 150CC)
- h. Shaft Axle Front Wheel (100CC / 150CC)
- i. Shaft Axle Rear Wheel (100CC / 150CC)
- j. Axle, Front Wheel (70 CC)
- k. Axle, Rear Wheel (70 CC)



**Millat Tractors Limited**  
Manufacturers of  
"MASSEY FERGUSON" Tractors

- a. Bearing Sleeve
- b. Retainer Ball
- c. Box leveling
- d. Adjustable Elbow
- e. Ring Retainer, Rear Axle
- f. Bracket Diff Lock
- g. Cam Diff Lock
- h. Clevis Diff Lock



**Al-Ghazi Tractors Limited**  
Manufacturers of "FIAT" Tractors

- a. Support differential Pedal
- b. Pad Spring Support 480
- c. Pad Spring Support 640
- d. Cap Screw 640
- e. Union
- f. Plug Oil Sump
- g. Castle Nut M20X1.50
- h. Nut Collar, M22X1.50
- i. Pin

