

SHEET METAL AUTO PARTS MANUFACTURER

ISO 9001:2015 & ISO 14001:2015

WHO WE ARE

Metaline Industries (Pvt) Ltd. was established in 1983 as a sheet metal parts and component stamping company. Today, we are Tier-one vendors, supplying directly to OEMs, simultaneously serving the aftermarket and exports.

Metaline's presence in the industry for forty years makes us one of the few and largest sheet metal auto parts manufacturer of Pakistan.

Certified | **ISO 9001:2015** Quality Management System
ISO 14001:2015 Environmental Management System



WHY US?



Quality

Concentration on accuracy and quality of both, machines, and final product to retain customers satisfaction.



Experience

4 decades of sheet metal stamping experience acquaints us with right resources and market trends.



Manufacturing Capacity

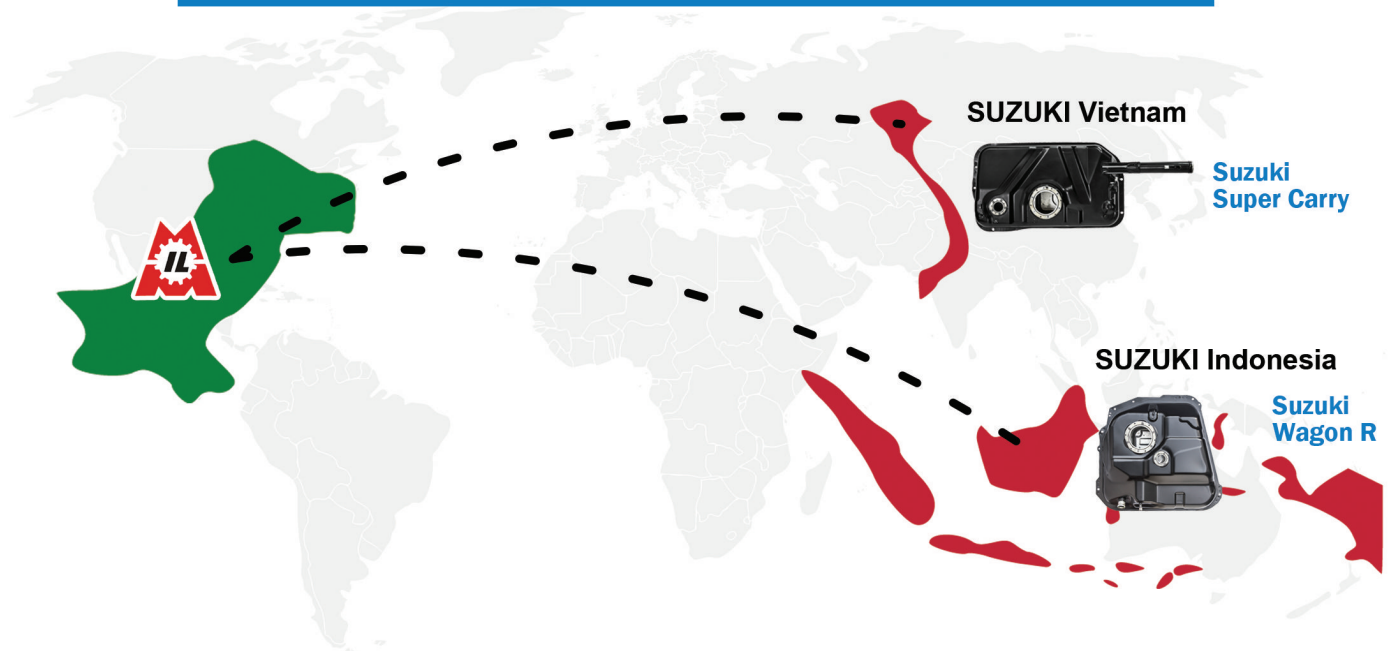
Capacity and capability to produce large, small and precision parts in varying volumes.



Cost Saving Solution

A complete one-stop solution; from raw material to finish product all under one roof.

Metaline in Global Supply Chain of Suzuki, exporting Fuel Tank to Suzuki Vietnam & Suzuki Indonesia



OUR SERVICES

3D SCANNING & PRODUCT ENGINEERING

This portable coordinate measuring machine (CMM) performs:

- 3D Scanning
- 3D Inspections
- Tool certifications
- CAD comparison
- Dimensional analysis
- Reverse engineering

FEATURES

1 X 1 Meter
Max Output = 5mW x 1.0mW
Emitted Wavelength = 660nm & 635nm

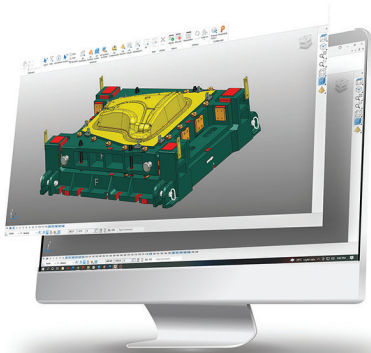


CMM ARM
Nikon MCAx 20+

DESIGNING

Our professional designing team can **customize** design of your parts, dies & tools based on your provided drawings and preferences. Software used:

- Power Shape
- AutoCAD
- Catia



DEVELOPMENT

CNC MILLING

CNC machines help in speedy production of accurate dies & tools. We have X, Y, Z axis machining centers equipped with following automatic processing:

- Turning
- Milling
- Drilling
- Tapping
- Boring
- Slotting
- Reaming
- Threading
- Rotary Broaching



CNC MILLING
SWORD-323



Die Fitting

CNC MILLING			
Capacity			Company
X	Y	Z	
3000	2300	1070	Hartford
1600	800	700	Hartford
1270	600	600	Hartford
1020	550	560	Daih-Lih
700	400	500	Miyano
600	400	500	Hardinge
CNC WIRE CUT			
400	500	400	Goldsan
400	500	400	Goldsan

STAMPING

Hydraulic Press

- Quantity: 09
- Capacity: 100 – 1000 tons
- Production capacity: 9000 strokes/day
- Bed Size Range: 450x450 – 1800x2500 mm

Mechanical Press

- Quantity: 32
- Capacity: 15 – 500 tons
- Production capacity: 128000 strokes/day
- Bed Size Range: 300x300 – 1100x2400 mm



WELDING

- Spot Welding: 25 Kva ~ 75 Kva
- CO₂ Welding: 300 Amp ~ 500 Amp

- Electrical Welding: 300 Kva ~ 400 Kva
- Stud Welding: 400 Amp ~ 500 Amp



Hanging Spot Welding
150 Kva ~ 200 Kva



Seam Welding
120 Kva ~ 200 Kva



Projection Welding
175 Kva ~ 250 Kva

PAINT PLANT

Liquid & Powder coating

PAINT PROCESS

- Degreasing
- Rinsing
- Phosphating
- Drying
- Painting
- Baking



QUALITY CONFIRMATION

- Endurance Test
- Contamination Test

- Paint Test / Salt Spray Test
- Thickness Coating Meter

- Weld Penetration Test
- Checking Fixtures



Lab Facility



AUTO PARTS

FUEL TANKS



CHASSIS

- Cross Members
- Tunnel
- Wheelhouse
- Body Parts

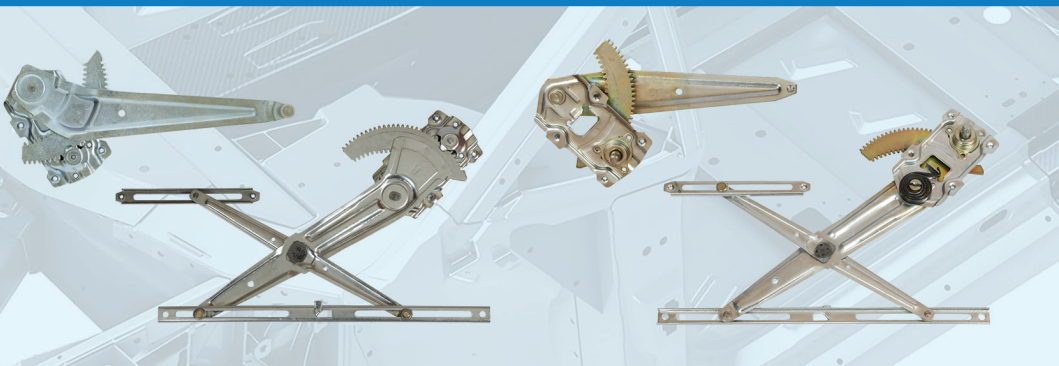


ENGINE SYSTEM

- Oil Sump/Pan
- Engine Member
- Cylinder Head/ Tappet/Valve/Rocket Cover



WINDOW REGULATOR ASSEMBLY



SCISSOR JACK PANTOGRAPH



CORPORATE SOCIAL RESPONSIBILITY



OE SUPPLIER FOR



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