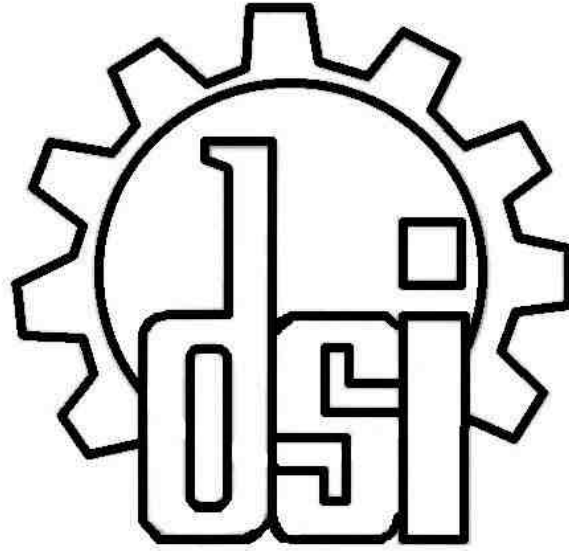


Daudsons Industries (Pvt) Ltd.

Peshawar
(Pakistan)



Company Profile & Equipment / Facilities Available

Daudsons Industries (Pvt) Ltd. Industrial Estate, Kohat Road, Peshawar – 25210 (Pakistan)

Ph: +92-91-2325135, 2324904/5 Fax: +92-91-5276059

Email: info@daudsons.com.pk Web: <http://www.daudsons.com.pk>



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COMPANY PROFILE

Name of the company : DAUDSONS INDUSTRIES (PVT) LTD

Address : Industrial Estate, Kohat Road, Peshawar - Pakistan.

Telephone : (+92-91)-2325135-37, 2324904-6

Fax # : (+92-91)-5276059

Telex : 52369 PCOPE PK

E-Mail : info@daudsons.com.pk

Website : <http://www.daudsons.com.pk>

Contact Person : 1. Nooruddin F. Daud 2. Hakimuddin F. Daud

Designation : Managing Director Director Technical

Nature of firm : Registered Firm.

Export Registration No. : W - 267912

National Tax Number : 0000183

Type of Exporter : Light & Heavy Engineering Products

Type of Industry : Light and Heavy Engineering.



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Specializations

- Precision Engineering/Machining
- Sub-contracting and Offset works
- Tubular forgings including upsetting/reduction with variable wall thickness



Current Products

- Electric Vehicle
- Textile machine spare parts
- Tobacco machine spare parts
- Custom die & mold manufacturing
- Fibre Re-enforced Plastic (FRP) pipes and pipe fittings
- Gems cutting, grinding and polishing machines
- Shaking table for gold panning
- Lighting system for rural areas



Under Active Development

- High pressure gas cylinders
- Wind Turbines for electricity generation



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EQUIPMENT & FACILITIES AVAILABLE

1. CAD/CAM Softwares
2. CNC Machining Facilities
3. CNC Tubular Forging Facility
4. Fibre Re-enforced Plastic Products Manufacturing Facilities
5. Conventional Mechanical Production Facilities.
6. Testing and Calibration Facilities
7. Surface Finishing and Heat Treatment Facilities

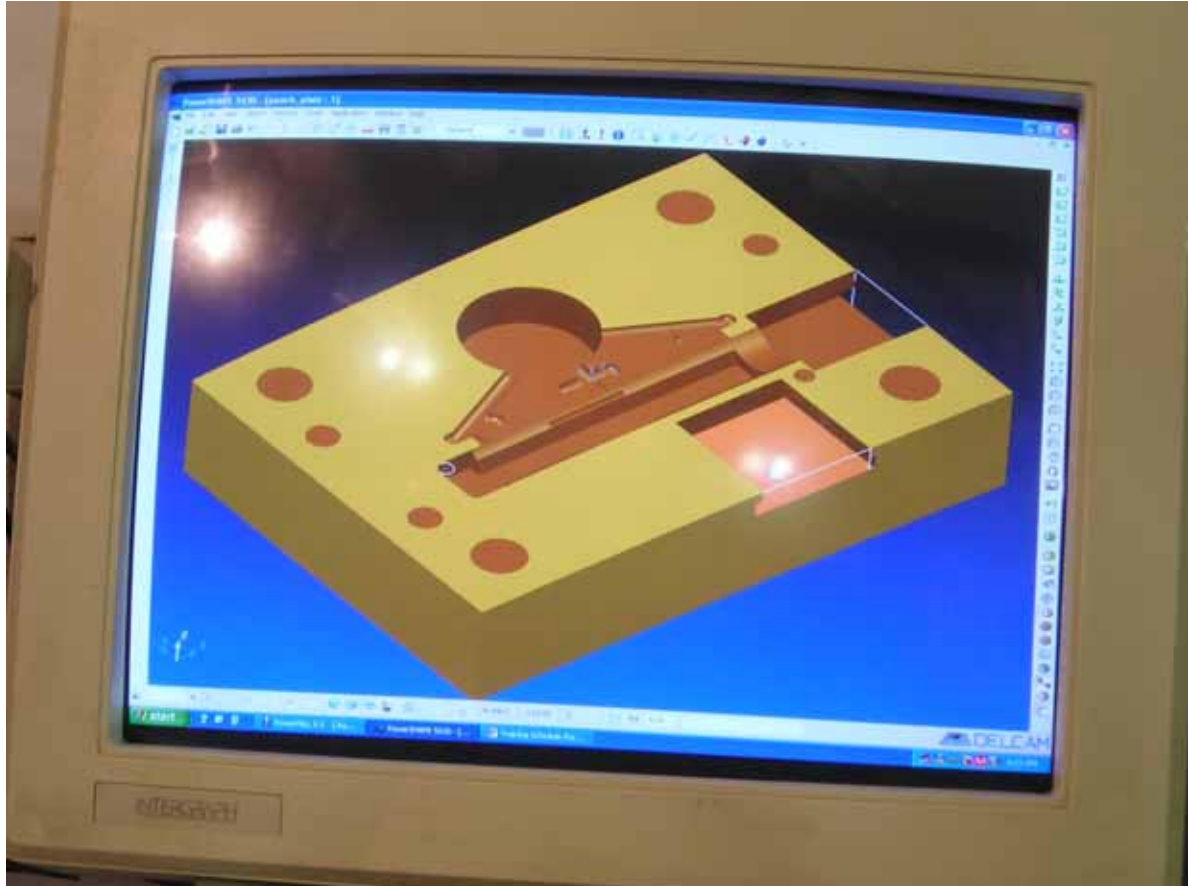
I - COMPUTER AIDED DESIGNING/COMPUTER AIDED MANUFACTURING (CAD/CAM)

A. DEL CAM.

- | | |
|------------------------|---|
| a) <u>Power Mill</u> | 5 Axis Machining Software for NC Programming |
| b) <u>Art Cam</u> | For designing complex shaped geometries for machining |
| c) <u>Power Shape.</u> | 3D Modeling and Designing Software |
| d) <u>Copy Cad</u> | For Reverse Engineering |

B. Advance Programming Systems (APS)

- i) Lathe 2 Axis Programming
- ii) Milling 2 ½ Axis Programming



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II - CNC MACHINING FACILITIES

Daudsons Industries' CNC setup is coupled with in-house CAD/CAM system and is capable of undertaking products requiring stringent dimensional control and repeatability.

A. MACHINING CENTRES

Wahli W 53 (Dixi) 4 Axis Horizontal Machining Centre

- i) Working Envelop XYZ - 700 mm x 500 mm x 700 mm
- ii) Automatic Tool Change Battery - 48 Tools
- iii) Axis - 4 Axis continuous
- iv) Number of Pallets - 9 Pallet carousel

Le Blond Makino 4-Axis Horizontal Machining Centre (Two Units)

- i) Working Envelop XYZ - 700 MM x 650 MM x 500 MM
- ii) Automatic Tool Change Battery - 40 Tools
- iii) Axis - 4 Axes
- iv) Number of Pallets - 2 Pallets

Fadal 4-Axis Vertical Machining Centre

- i) Working Envelop XYZ - 40" x 20" x 28"
- ii) Automatic Tool Change Battery - 21 Tools
- iii) Axis - 4 Axis continuous

Fadal 3-Axis Vertical Machining Centre

- i) Working Envelop XYZ - 40" x 20" x 28"
- ii) Automatic Tool Change Battery - 21 Tools
- iii) Axis - 3 Axis continuous



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B. CNC LATHE MACHINES

Colchester 4000L CNC

- i) Turning Length - 2000 mm between centre
- ii) Turning Diameter - 315 mm
- iii) Tools Turret - 8 Stations

Johnford TC-35 CNC

- i) Turning Length - 810 mm
- ii) Turning Diameter - 350 mm
- iii) Tools Turret - 12 Stations

Johnford TC-20 CNC (Two Units)

- i) Turning Length - 500 mm
- ii) Turning Diameter - 200 mm
- iii) Tools Turret - 12 Stations

Hardinge 3-Axis CNC Turning Centre

- i) Turning Length - 254 mm
- ii) Turning Diameter - 152 mm
- iii) Tools Turret - 7 Live tools
10 Tools VDI



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C. CNC EDM

Mitsubishi CNC EDM

410mm X 340mm X 350mm

Applications

- * Die and Mold making
- * Intricate Machining of Aircraft parts.
- * Components of machine/tools and other equipments.
- * Automotive parts requiring precision machining.

III - CNC TUBULAR FORGING FACILITY

Capacity of CNC Horizontal Forging Machine :

a)	Maximum Diameter of Stock	-	460 mm
b)	Maximum Length of Stock	-	3000 mm
c)	Maximum Wall Thickness of Stock	-	25 mm
d)	Capacity (Tons per stroke)	-	1000
e)	Strokes per minute	-	420
f)	Motor Drive	-	232 KW (Peak Electric Requirement 400 KW)

Applications :

- * Grooving of tubes by Cold Hammering.
- * High Pressure Gas Cylinders.
- * Automobile/Railway Axels.
- * Electric Poles.



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IV - FIBERGLASS RE-INFORCED PLASTIC PRODUCTS MANUFACTURING FACILITIES

Daudsons Industries (Pvt) Ltd. has comprehensive facilities for design / manufacturing of Fibreglass Re-inforced Plastic Products using various types of Resins and Fiber Systems.

N.C. Filament Winding Facility

N.C. Winding Machines 2" to 24" Dia Straight pipes and contoured pipes.

Die/ Mould Products :

Products of various sizes and shapes.

Applications :

- * Pipe lines for water, chemicals and various oils.
- * Pipe lines for Corrosion Resistant Applications.
- * Various parts for Aircraft and Automobile applications.



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V - CONVENTIONAL MECHANICAL PRODUCTION FACILITIES

Daudsons Industries (Pvt) Ltd. is equipped with a wide spectrum of conventional machinery of small to medium capacity which enables us to complete products requiring various processes of machining, Die Press work etc. i.e. :

Lathes

Engine Lathes
Automatic Copy Lathes
Capstan Lathes

Milling Machines

Horizontal/Vertical Milling Machines
Horizontal/Vertical Copy Milling Machines

Welding Machines

Arc, Mig/Tig, Spot and Seam Welding
Machines.

Forging Machines

Hydraulic Forging Presses
Drop Forging Presses
Non-Ferrous Material Extrusion Press

Sheet Press/Fabrication

Mechanical Presses
Hydraulic Presses
Benders
Iron Workers



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VI - TESTING AND CALIBRATION FACILITIES

01. TENSILE TESTING MACHINE 20,000 Kg. FORCE
(LEVER TYPE)
02. ROPE TESTING MACHINE 100 Kg FORCE
03. HARDNESS TESTING M/C 100 HRC & HRB
04. PORTABLE HARDNESS TESTING 100 HRC & HRB
05. PORTABLE ULTRASOUND 100 mm AREA
(CRACK DETECTION) TESTING
06. WET ANALYSIS TEST LABORATORY FOR FERROUS & NON-FERROUS METALS.
07. AUTOMATIC SALT SPRAY TESTING MACHINE



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THE STANDARDS AND CALIBRATION ROOM

This facility has been established for two vital aspects;

- a). Precision measuring of components.
- b). Calibration of all measuring instruments.

The Standards & Calibration Room (SR&C) is equipped with Coordinate Measuring Machine (CMM), Profile Projector and various high Precision Calibration and measuring equipments.

Manual CMM Checkmaster

1000mmX500mmX500mm

Mitutoyo MDL. PH350 Profile Projector

13" Screen and 10X Lense

Hewlett Packard Laser Measurement System



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VII - SURFACE FINISHING AND HEAT TREATMENT FACILITIES

Daudsons Industries (Pvt) Ltd is involved in manufacturing products for different fields – Most of them requiring specialized surface treatments; such as :-

- | | |
|--|-----------------------------|
| (a) Electro Plating | (b) Airdizing / Galvanizing |
| (c) Spray Painting - Air Dry / Stoving | (d) Electro-static Painting |
| (e) Browing / Phosphating | |

Thompson Surface Grinder 20” x 72”

HEAT TREATMENT FACILITY

Furnaces for Hardening/Tempering, Annealing and Normalizing

Applications :

- * Tubular Forged Parts
- * Textile Machine Parts
- * Tobacco Machine Parts
- * Other jobs as per requirement



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