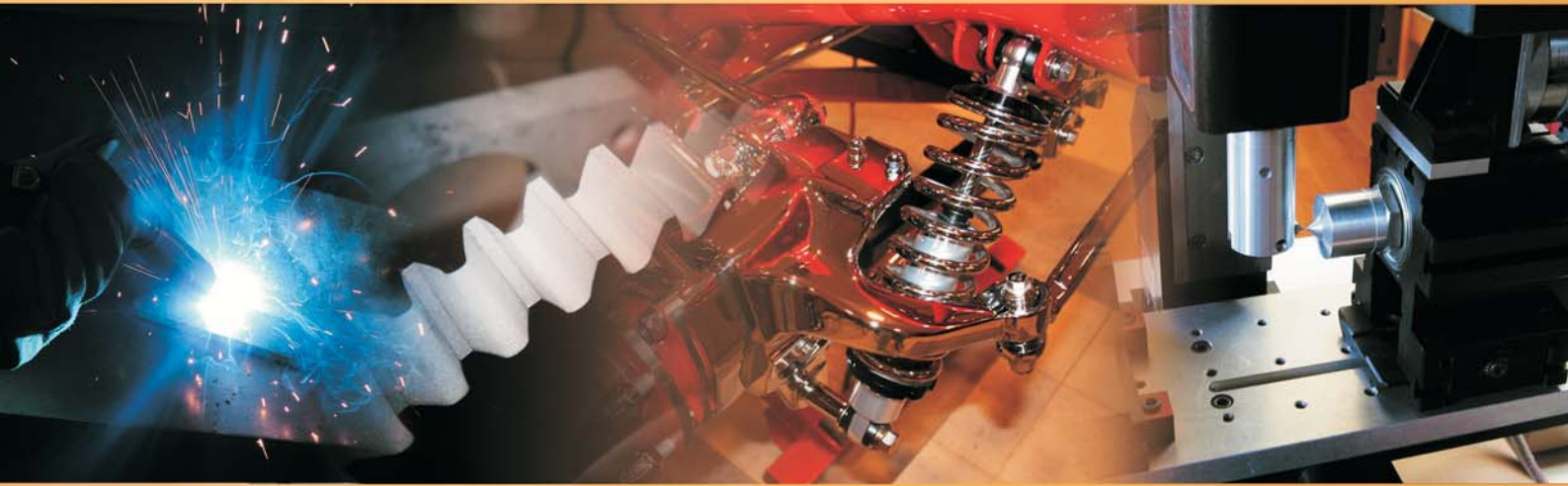


An Exclusive Engineering Event

# Machine TOOLS & Automation PAKISTAN

6th International Machine Tools & Automation Exhibition  
Incorporating Automotive Technology

11 - 13 November 2010  
Karachi Expo Centre



[www.automation.com.pk](http://www.automation.com.pk)

ORGANISED BY



SUPPORTED BY



SUPPORTING PUBLICATIONS



**INDUSTRIAL**  
SOURCE BOOK OF PAKISTAN

**International Metalworking News**  
Essential Technology & Information for the Metalworking Industry - Middle East

## THE SHOW

The **6th International Machine Tools & Automation Exhibition (MTAP)** will now incorporate a dedicated **Automotive Technology** section to serve as an exclusive event for the entire engineering industry of Pakistan. It will exhibit indigenous, collaborated and cutting edge equipment and technology for the engineering industry.

The show will bring together leading local and international companies at an interactive platform with numerous opportunities to facilitate business to business co-operation.

## INDUSTRY OVERVIEW

Pakistan's economy has achieved 2.4% GDP growth in the year 2008-09, which now stands at US\$ 168 billion. Manufacturing, being the second largest sector of the economy contributed 18.4% to the GDP. Large Scale Manufacturing (LSM) accounts for 12.1% whereas the Small Scale Manufacturing (SSM) contributes 4.7% to the overall GDP.

Pakistan aims to shift its industrial focus from the agriculture to engineering industry to support other industries with strong export potential. Twenty five percent of the domestic demand of the engineering sector is met by the local industry while the remaining is catered through imports. The import of engineering goods stood at US\$ 10.84 billion (including the machinery imports worth of US\$ 4.92 billion), whereas the exports stood at US\$ 264 million, in the year 2008-09.

The government also aims to increase the share of engineering in the manufacturing sector to 30% through various sub-sectors both in heavy engineering and light engineering.

Large Scale Manufacturing (July – June 2008-09) approx		
ITEMS	UNITS	PRODUCTION
Yarn	Million Kg.	2958.53
Cloth	Million Sq. Mtr.	1017.87
Fertilizers	000 Tonnes	5679.60
Vegetable Ghee	000 Tonnes	1054.67
Sugar	000 Tonnes	4274.67
Cement	000 Tonnes	27036.00
Beverages	000 Doz. Bottles	564981.33
Cigarettes	Million Nos.	74166.67
Jute Textiles	000 Tonnes	131.73
Rubber & Related Products	000 Nos.	29277.33
Chemicals	000 Tonnes	708.53
Paints & Varnishes	Tonnes	30118.67
Polishes & Creams	Million Grams	953.87
Paper & Paper Boards	000 Tonnes	702.40
Steel Products	000 Tonnes	1556.53
T.V. Sets	000 Nos.	428.67
Electric Bulbs	Million Nos.	95.01
Electric Tubes	000 Metres	13681.33



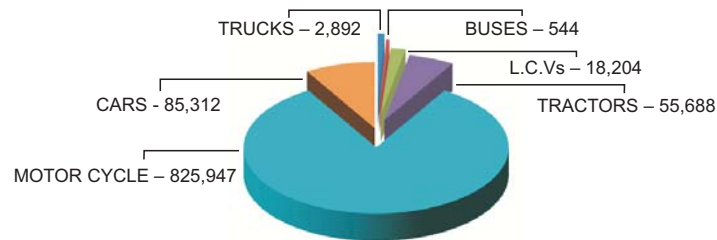
MACHINERY IMPORTED (2008-09)	US\$ (Million)
Power Generating Machinery	1304.622
Office Mach. Incl. Data Pros. Equip.	285.6069
Textile Machinery	252.1354
Construction & Mining Machinery	88.83558
Electrical Machinery & Apparatus	715.7045
Telecom	700.0779
Mobile Phone	131.6082
Other Apparatus	568.4697
Agricultural Mach. & Implement	106.518
Other Machinery	1469.013

## AUTOMOTIVE INDUSTRY: A DEVELOPING MARKET

Pakistan is a growing market for automobiles and auto parts, offering various business and investment opportunities in this region. The automobile sector contributed US\$ 3.6 billion in GDP and has attracted US\$ 84.24 million FDI in 2008-09. The sector directly employs 192,000 workers and contributes 16% input to the manufacturing sector.

Further, the vehicle population of Pakistan has surpassed 8.8 million units giving rise to demand for auto parts. The local spare parts manufacturing in Pakistan is approximately US\$ 1 billion per annum, catering 22% to total demand, however; 78% demand is still met by imports.

### PRODUCTION OF MOTOR VEHICLES IN 2008 - 09



## PROCESS ENGINEERING: AN EMERGING SECTOR

The growth in the engineering industry is aimed at introducing process efficiencies leading to technological up-gradation at different levels of manufacturing processes.

The major industrial sectors in Pakistan with extensive application of process engineering include pharmaceutical, food and beverages, cement, petrochemical and textiles. These sectors have high export potential and are making significant progress to improve production, meet international quality standards and subsequently support national economy by import substitution.

## THIRD FOUNDRY WORKSHOP

An exclusive **3rd Foundry Workshop 2010** will be organised in concurrence with **MTAP Incorporating Automotive Technology 2010** to compliment the display of engineering technology. It will be an ideal platform for establishing international linkages and engaging in transfer of expertise among industry players. The workshop is designed to address the needs of the growing global manufacturing market and will be conducted by renowned foundry specialists, to share their insight, valuable knowledge, advanced research and the prospects of this sector in the local and international markets.

## SHOW HIGHLIGHTS

- The exhibition was inaugurated by Mr. Abdul Majid Haji Muhammad, President, Karachi Chamber of Commerce and Industry (KCCI)
- Participation of 25 companies representing over 100 overseas principals from the machine tools, automation, auto parts and accessories sectors
- Representation of 30 countries including U.S.A., Germany, Japan, France, Singapore, Brazil, U.A.E. and India
- The exhibitors were hosted by the President of Karachi Chamber of Commerce & Industries at a networking dinner
- The show was visited by over 7500 business professionals from foundry, steel manufacturing, auto parts, machine tools, transporters, automation, defence and related industries
- Extensive local and international media coverage including 19 publications from countries; China, U.S.A., Singapore, Turkey, Spain and Pakistan
- The show was supported by Board of Investment (BOI), Engineering Development Board (EDB), Textile Machinery Manufacturers & Suppliers Association of Pakistan (TEXMAP), Pakistan Foundry Association (PFA), Pakistan Engineering Council (PEC) and Pakistan Automobile Spare Parts, Importers & Dealers Association (PASPIDA)
- A highly interactive Foundry workshop was organised in concurrence with the exhibition by the Pakistan Foundry Association

## VISITORS' PROFILE

### DELEGATIONS

- Senior Government Officials
- Policy & Decision Makers
- Trade Councils and Embassies
- Senior Engineers & Technicians
- Leading Industrialists & Manufacturers
- Domestic and Overseas Media

### INDUSTRIAL VISITORS

- Automotive
- Defense & Aerospace
- Electrical & Electronics
- Consumer Durables
- Textile Machinery
- Earth moving Equipment
- Transport
- Shipbuilding
- Chemical
- Food Processing
- Cement
- Petrochemicals

### MANUFACTURERS & EXPORTERS

- Metals
- Fabricators
- Machinery & Equipment
- Engine & OEM
- Aftermarket Equipment
- Spare parts & Accessories

### IMPORTERS & DISTRIBUTORS

- Tier Component and Sub-Assembly Suppliers
- Importers of Machinery & Equipments
- Tools & Spare parts Traders and Suppliers
- Raw Material Importers and Distributors
- Automotive Importers

### ENGINEERING SERVICES

- R&D Service Providers
- Systems Integrators & Consultants
- Quality Control Centers
- Motor Service Centre Operators
- Auto Maintenance & Refitting Service Providers



## EXHIBIT PROFILE

### MACHINERY & SYSTEMS

- Assembling Systems
- Bar, Sections and Tube Working Machines
- Boring Machines
- CNC Lathe Machines
- CNC Machines
- CNC Vertical & Horizontal Machining Centres
- Drilling Machines
- Electro Discharge Machines
- Electro Erosion Machines
- Flexible Manufacturing Systems
- Gear Cutting & Finishing Machines
- Grinding Machines
- Hardening & Heating Machines
- Honing, Lapping, Polishing & Deburring Machines
- Hydraulic & Pneumatic Presses
- Lathes
- Lean Manufacturing
- Machine for the Production of Bolts & Screws
- Machining Centres
- Manipulation of Parts & Tools Assembly
- Mechanical Presses
- Milling Machines
- Planning, Shaping, Slotting and Broaching Machines
- Plastic Processing Machines
- Presses for Special Applications
- Sawing & Cutting-Off Machines
- Screwing & Threading Machines
- Sheet Working Machines
- Special Purpose Machines
- Surface Treatment Equipment & Technology
- Tempering Solutions
- Thermal Machines
- Tool Grinding Machines
- Welding Cutting & Gas Cutting Machines
- Wire Forming Machines
- Wood Working Machines

### MACHINE TOOLS

- Abrasive Tools & Products
- Clamping Devices
- CNC Tools
- Finishing & Cutting Tools
- Hand Tools
- Material for Metalworking
- Metal Cutting Machine Tools
- Nuts & Rivets
- Precision Tools
- Raw Materials
- Roller Bearings
- Work & Tool Holders

### ELECTRICAL EQUIPMENTS

- CNC Air Conditioners
- Compressors
- Control Units
- Controls / Controllers
- Electrical & Electronic Equipments for Machine Tools
- Electroplating Equipment & Technology
- Generators
- Production, Control and Networks
- Quality Control Equipments
- Analyser, Detectors, Sensors & Monitors
- Wireless / RFID

## SOFT WARES

- CAD / CAM
- Computer Applications
- Control and Application Software

## MEASURING & TESTING EQUIPMENTS

- Analytical Instruments
- Automation Test
- Calibration
- Materials Testing
- Meters, Probes, Sensors & Electrodes
- Surface Roughness Testers
- Test Rigs

## STEEL

- Iron & Steel Making Technology
- Sheet & Metal Machine
- Steel & Light Metal Construction
- Steel Machinery & Tools

## FOUNDRY EQUIPMENTS

- Casting and Foundry Supplies
- Cleaning
- Coloured and Special Casting Equipment
- Core Making
- Dies and Moulds
- Dust Collection
- Energy-Saving Technology for Casting
- Forgings and Forging Equipments
- Foundry Equipment & Technology
- Furnaces
- Heat Treatment Equipments and Technologies
- Heat Treatment Furnaces and Lubricants
- Heating Furnaces
- Induction Melting Furnaces
- Induction Parts
- Infiltrating Equipment
- Mouldings Sands
- Mould Processing Technology and Equipment
- Moulds Design and Manufacturing
- Refractories and Other Foundry Materials
- Sand Mullers / Mixers
- Scrap Processing
- Shot Blast and Grinding
- Sludge Tanks
- Stampings and Stamping Equipment

## AUTOMOBILES & AUTO ENGINEERING

- Automobiles (2/3 Wheelers, Buses, Trucks, Tractors)
- Body/Chassis Parts
- Central Lubrication Systems and Lubrication Pumps
- Electric Drive Systems
- Electrical / Electronic Parts
- Electronic Power Transmission Systems
- Gear Systems for Stationary Functions
- Gear Wheels and Gear Systems
- Gears for Vehicles
- Hoses and Hose Connectors
- Internal Combustion Engines
- Lubricants
- Motor Protection Equipment
- OEMs & REMs
- Steering Systems and Axles
- Tyres

## AUTOMATION

- Actuators
- Automatic Handling and Assembly Systems
- Automation and Monitoring Systems
- Automation for Storage and Transportation
- Automotive Shaping System
- Batching Systems
- Belt Drive and Chain Drive Systems
- Components, Modules and Auxiliary Equipment
- Data Acquisition Systems
- Functional Prototyping
- Hydraulic Accumulators
- Hydraulic and Pneumatic Components
- Hydraulic Fluids, Filters, Hoses
- Hydraulic Motors, Cylinders and Drives
- Hydraulic Pumps
- Hydraulic Units and Systems
- Industrial Robotics & Automation Systems
- Operator Interfaces
- Turnkey Solutions for Industrial Automation

## PROCESS ENGINEERING EQUIPMENTS & SOLUTIONS

- Chemical Handling, Dispensing, Transportation & Storage
- Design Engineering Services
- Environmental Management
- Fluid & Power Handling
- Hazardous Material Management
- Heat Transfer Management
- Humidity Moisture Management
- Instrumentations
- Material Handling and Storage
- Process Control Systems
- Pumps
- Valve, Pipes & Fittings
- Waste Disposal & Management

## METALS

- Billets
- Coke
- Cold Rolled
- Galvanised
- Hot Rolled
- Pig Iron
- Slag



## FOR INQUIRIES:



### Pegasus Consultancy (Pvt) Ltd

2nd Floor, Business Centre,

Mumtaz Hassan Road,

Karachi-74000, Pakistan

Tel: (92-21) 111 734 266

Fax: (92-21) 3241 0723

Email: info@automation.com.pk

Website: www.pegasus.com.pk

## EXHIBITION RATES:

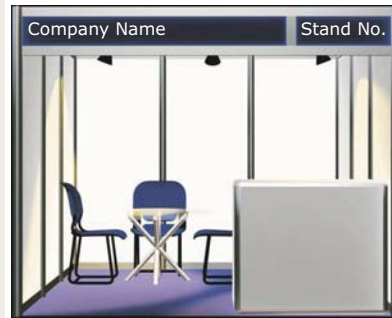
Bare Space Rate – US\$ 230/sqm (min 18 sqm)  
Shell Scheme Rate – US\$ 280/sqm (min 9 sqm)

### NOTE:

25% payment of the total exhibit space reservation amount to be made along with the Reservation Form to confirm your space.

The Standard Shell Scheme Package will include;

- o Fascia Board with Co. Name & Stand No.
- o White Laminated Plywood Partitions
- o 220V/50Hz Single Phase Electrical Socket
- o 3 Spotlights
- o 3 Chairs
- o 1 Information Counter
- o 1 Round Table



## MTAP 2010 - EXHIBIT SPACE RESERVATION FORM

ACT NOW! Exhibition space is allocated on first-come-first-serve basis. To reserve your space, complete the enquiry form below:

I would like to exhibit at Machine Tools & Automation Pakistan 2010. My space requirement is likely to be \_\_\_\_\_ sqm.

Contact Person: \_\_\_\_\_

Designation: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Website: \_\_\_\_\_

Product Range: \_\_\_\_\_

Raw Space: \_\_\_\_\_ m<sup>2</sup> x US\$ 230 (min. 18 sq. m.)

Total Rental Cost (US\$): \_\_\_\_\_

Shell Scheme: \_\_\_\_\_ m<sup>2</sup> x US\$ 280 (min. 9 sq. m.)

Total Rental Cost (US\$): \_\_\_\_\_

Mode of Payment:

By Cross Cheque

By Demand Draft / Tel. Transfer

\_\_\_\_\_  
Authorised Signature  
& Company Stamp

\_\_\_\_\_  
Date

### PLEASE NOTE:

- The space reserved will only be confirmed upon receipt of full payment of the total cost of the space.
- The organisers reserve the right to cancel or relocate an exhibitor to another location (of the same size), if payment is not received by the due date.
- Refund of the space reservation charges will only be made in case of cancellation of the show.