



group of companies



VISION TO BUILD THE FUTURE...

It is an honour for me to be at the helm of a company which is going from strength to strength every day. KAY JAY Forgings has grown steadily over the years to become as one of the finest in the entire industry. It has made rapid progress with advanced technology and we believe that we shall lead the way into the future.

For us , our accomplishments go beyond personal achievement . The success of KAY JAY Forgings is a joint effort. Each one of us here has adopted the values of the company so much so that they have become an extension of our lives.

We have a unique culture of our own which is the driving force that keeps the wheels of progress turning. Contributing with our efforts provides us with the necessary motivation for improvement.

Our aim is not only to satisfy the customer but to give him the edge which will always keep him ahead. We have carried the torch of our beliefs high and are sure to shine on with the strength of our commitment.





ABOUT US

KAY JAY Group of companies is a global provider of forged, machined & precision sheet metal components for automotive sector. It was established in the year 1988 in Ludhiana to meet the growing needs of the market and produce high quality products. The company believes in satisfying customers by providing Timely Delivery of Quality Products and is Committed to Comply with Customers Requirements & Continually Improve the Effectiveness of the Quality Management System. The three plants are situated on area of 17000 sq. yards (covered area 13000 sq. yards) in the industrial city of Ludhiana (Punjab) & one plant with an area of 14000 sq. yards (covered area 5000 sq. yards) at HOSUR (TAMILNADU). Plants are hums with totally modernistic equipment heralding the future in technology in the field of forging, machining & sheet metal work. The infrastructure of the plant forms the basis of the high quality standards of the products. It has complete in house facilities to perform the different function of manufacturing, processing, machinery heat treatment and testing. With annual sales exceeding worth 28.4 million USD, company offers a wide range of products comprising of sophisticated Engine Components viz. Crank Shaft, Connecting Rods, Brackets, Lever Kick Starter Assemblies and precision sheet metal components via. fuel tanks engine & side fairings and seat base etc. for domestic market & Steering components such as Pinch Bolt, Lower shaft clamp, Offset Gear, Pin & Shaft, Yoke Ball & Splined Connector for Overseas market. A well equipped standard Room maintained to ensure quality standards in manufacturing process and final inspection at the dispatch stage. To ensure quality improvement every day, education and training is imparted to the staff. This dedication has borne fruition as the company is certified with ISO/TS 16949:2002 from M/s TUV Rheinland Group. Company's innovative use of technology empower individuals to make informed decisions and delivers the flexibility that allow dynamic organization to manage constant change.

KAY JAY Group of Companies is not only conscious about the quality of the product but also plays a vital role in maintaining the environment outside the plant. It has maintained a Municipal Corporation park having a wide area of 60,000 Sq. feet and is certified with World Environment Standard of ISO 14001. The company is managed by highly skilled and motivated professionals who are eager to take on any challenge to meet the productivity and quality standards of the O. E. Specifications. According to the Manager Director Mr. G.K. Kothari "The success of the company lies in a joint effort. Each one if the professionals has adopted the values of the company so much so that they become an extension of their liver". The company feels very proud to have Hero Honda Motors Ltd., TVS Motors Company Ltd., Yamaha Motors Ltd., Majestic Auto Ltd., ZF steering systems (NACAM Corp. - USA), NSK steering systems EUROPE Ltd., - U.K. , as their prestigious buyers of the company's impressive product line. KAY JAY Forgings, as each day delivers tremendous results and inspires further growth, the company stands at the threshold of the future in the industry, poised to go ahead.

New Machinery added

Forging Press of 1000 Ton capacity (Honoul make) & 1600 Ton capacity (Kurimoto make). Continuous conveyerised normalizing furnace. New VMC added with 12000 spindle RPM (Make - Tong Tai Topper, Taiwan). New continuous conveyerised Hardening & Tempering Furnace with 10 Ton per day capacity. (Make - Simplicity). New Spectro for Lab (Make - Spectro Lab - Germany). SPC & MSA techniques are used to monitor and control the critical parameters of product.

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CAD/CAM

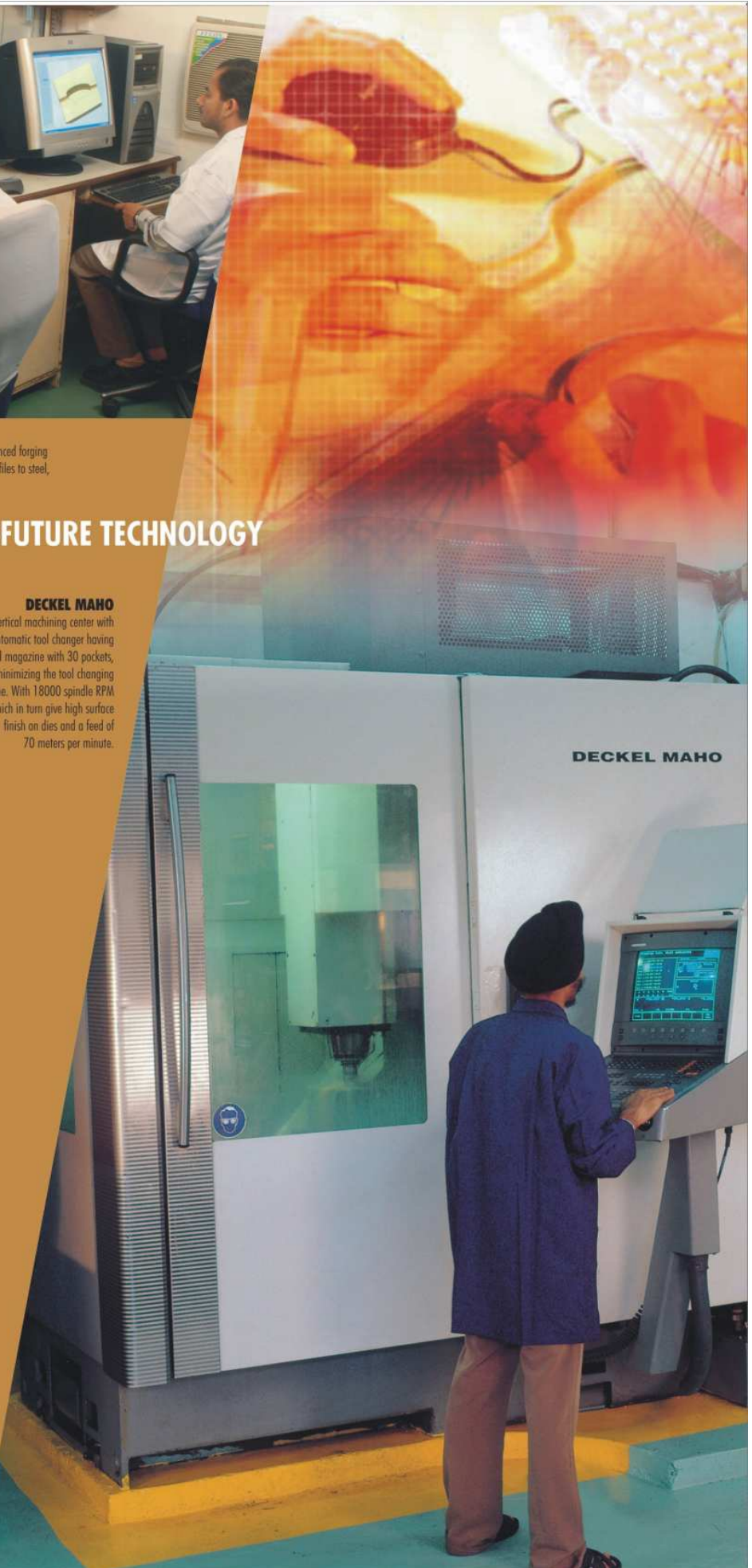
3-D Design software Solid Works and Esprit allow our experienced forging designers and apprenticed diesinkers to quickly go from yours files to steel, shortening the "Print to Part" lead time

A NEW CONCEPTION FUTURE TECHNOLOGY

Computerisation

DECKEL MAHO

70V vertical machining center with automatic tool changer having carousel magazine with 30 pockets, minimizing the tool changing time. With 18000 spindle RPM which in turn give high surface finish on dies and a feed of 70 meters per minute.



WIRE CUT

Electronica Omnicut wire cut machine with cutting speed of 80mm square per minute equipped with LM guides and hand held remote controls.



CNC - VERTICAL MILLING MACHINE

BFW make CNC vertical milling machine with FANUC controller to machine critical contours



CNC VERTICAL MACHINING CENTER

TONG TAI'S TOPPER make CNC vertical machining centre with 24 station ATC with hydraulic clamping, FANUC controller. Work table size 850mm x 470mm with XYZ travel of 760mm x 450mm x 530mm to machine any type of forging die or production component involving multi tooling in one setting.



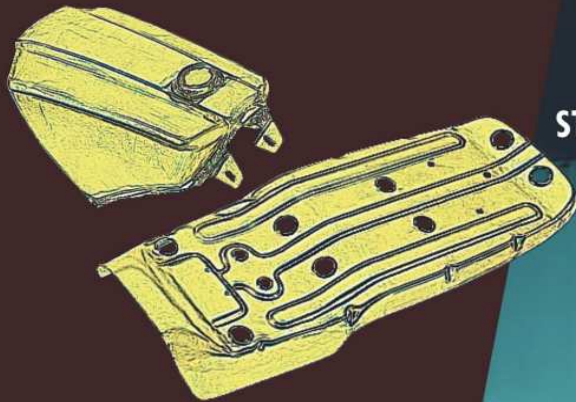
Benefits of modernisation

- * Reduction in forging cost
- * Reduced machining cost due to less machining allowances.
- * Saving in labour, maintenance, fuel and energy
- * Consistency in Quality
- * Improvement in quality
- * Increase in productivity
- * Saving in input energy
- * Saving in scarce raw material
- * Introduction of new products
- * Potential for research

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HYDRAULIC PRESS SHOP

BEMCO make Hydraulic presses
capacity 250 tons with in built
Die Cushioning



STATE - OF - THE - ART MANUFACTURING PLANT



SHEET METAL COMPONENTS

Fabricated petrol tanks, Rear Wheel Fork Assemblies, Seat Bottoms, Side and engine fairings and many other pressed components for frame assembly of two wheelers.



FABRICATED COMPONENTS

SHEET METAL COMPONENTS

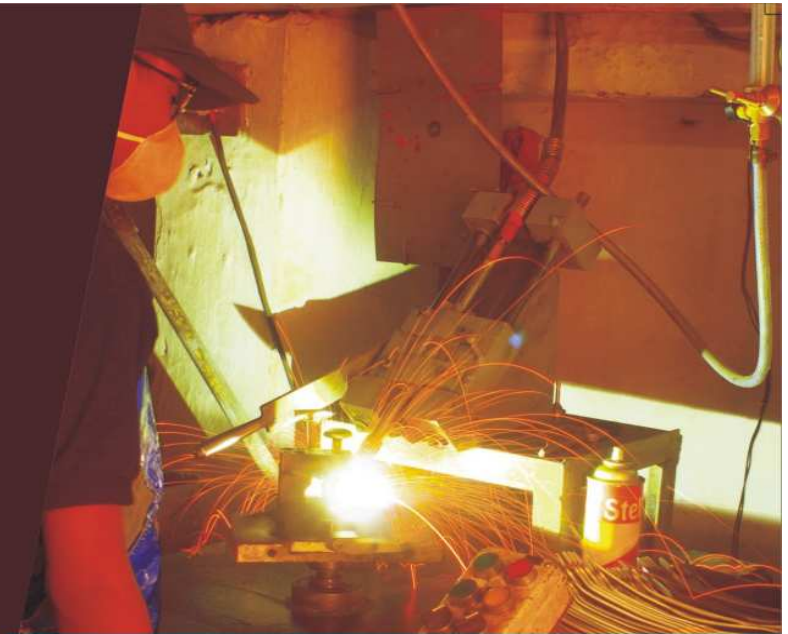


MESH & SEAM WELDING MACHINES
"MECHLONIC" make mesh and seam welding machines to manufacture 100% leak free Petrol tank for any type of two - wheeler vehicles.

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SPOT Welding Machine



PRESS SHOPS

Systematic press shop equipped with pneumatic and mechanical controlled presses having capacity range from 05 tons to 250 tons.



People - The Passion to Excel



Our work culture is based on team work. Quality circle groups to aid in decision making. Specialised training at our training centres. Small group activities to deal with area specific problems.

Our people are our most precious resource. Because we realise that though machines make a company it's the man behind the machine who builds it. That's why, we give our people great rewards, personalised care and the very best in training. As expected, this investment has given us profitable results. By creating a friendly working environment. Inculcating team spirit. And nurturing a sense of belonging. But most important of all, it has encouraged everyone at KAY JAY to work hand in hand, like one large family.

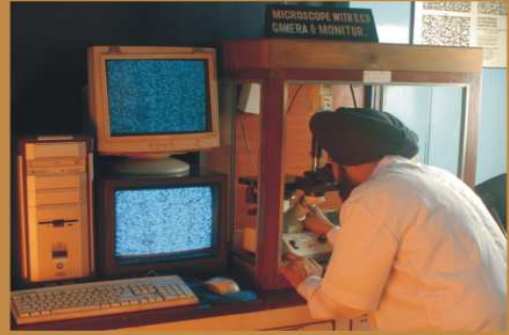
STANDARD ROOM

Well equipped standard room to ensure quality standards in manufacturing process and final inspection at the despatch stage. Equipped with latest instruments of Mitutoyo and profile projector to see magnified views



Research & Development

Technology continues to be a significant competitive advantage for Kay Jay and our customers. Each year Kay Jay consistently invests much of its income into Research and Development of technologies, which continually expand the capabilities and services. We use the latest CAD software in our design center and as a result our engineers are able to improve component benefits and interchangeability, thereby enhancing the effectiveness, quality and ergonomics.



METALLURGICAL MICRO SCOPE

Metallurgical microscope with CCD camera & image analyzer to analyze metallurgical properties of steel.



SPECTRO

GmbH make spectrometer to analyse the chemical composition of all type of steels



HARDNESS TESTERS

BRINELL AND ROCKWELL HARDNESS TESTER to check hardness in HRC, HRB, HRA & BHN scales



ULTRASONIC FLAW DETECTOR

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MACHINE SHOP

Modernistic machine shop comprising of various CNC turning centers and semi automatic machines to providing best quality in machining of production components.





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FORGE SHOP

HAMMERS

Drop forged hammers with different capacities ranging from 1000 kgs. to 1500 kgs. to forge the sophisticated Engine Components weighing from 70gms to 5000gms State of the art INDUCTION HEATING





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