



STRENGTH WITH RESPONSIBILITY





Our Vision

Ten years from now, TPI aims to be the leading provider of Machining and Pressure Die Casting Services in Pakistan by consistently investing in state of the art machinery, applying international standards of continuous improvement and strengthening relationships with all its stakeholders alike.

Our Mission

Our mission is to manufacture high-grade engineering components for our valued customers. We achieve this by ensuring employee well being, stimulating innovation and creativity within our organization and keeping up with our tradition of maintaining high quality standards. As your manufacturing partner, we work hand in hand with you to support your growth.

Our History

The foundation of the Tecno Group of Companies was laid down in 1971 by its Chairman, Mr. Iqbal Allawala, with the formation of a sole proprietorship entity by the name of Tecno Pack Industries, a firm that was later in 1987 converted to a Limited Company by the name of Tecno Pack Industries (Pvt.) Limited. Having ventured into various industries since its inception, the group's first major breakthrough came in 1978 when it developed an association with the Pakistan Automobile Corporation for the local manufacturing of components for Massey Ferguson Tractors.



Message from the Founder and Chief Executive

“The will to succeed originates from within”



This simple quotation has been the driving force behind our group's success during the past four decades. It is an idea that conveys a simple truth: an organization is only as strong as the people working within it and its success is dependent upon their will to succeed.

Being a part of the Automotive Industry, an industry that provides strength to Pakistan's economy, we at TPI understand the growing demand that we will be faced with in the years to come. Not only is Pakistan's population on the rise, the global population is increasing as well resulting in the 600 million motor vehicles of today being projected to rise to 2.5 billion motor vehicles by 2050.

Moreover, the demand for motor vehicles such as agricultural tractors and motorcycles is also positively correlated with the success of the agricultural sector of Pakistan. TPI, having increased investment in the manufacturing of components of such motor vehicles, ensures that with the growth of Pakistan comes the growth of our organization and the people working for it.

We have a focused vision ahead that we intend to achieve keeping all our stakeholders on board. We intend to maximize efficiency and performance within our group, and subsequently providing our customers with the value and satisfaction that they deserve.



Group Profile

Tecno Pack Industries Private Limited (TPI) is an ISO 9001:2008 certified manufacturing organization with the capability to produce high grade engineering components using its state of the art Pressure Die Casting and Precision Metal Machining facilities.

We possess a track record of more than 4 decades in building sustainable relationships with our valuable clients by serving them through production of motorcycle, car, tractor and meter parts.

We produce Wheel Hubs, Brake Panels, Flange, Front Fork Inner Tubes/Pipes, Stem Steering, Engine Cover, Stator Bases, Fork Top Bridge, Clutch Lever, Clutch Outer Housing, Brake Shoes, Front Fork Ribs etc. for motorcycles.

We serve automobile industry by supplying them Door Handles & Stoppers, Wheel Cap, Tools Kits and for the Tractor Manufacturers we manufacture various Quadrants, Seat Support Suspension, Rod & Yokes, Rocker Shaft, Foot Boards, Fuel Boards, Fuel Tank Decks, Shaft Lift Pump, various heat treated, hardened pins and assemblies. One of our offered products include Housings for Gas Meters.

TPI has always gained prestigious guidance and appreciation from its valued customers including large OEMs like Honda, Suzuki, Yamaha, Massey Ferguson Tractors, FIAT Tractors and large producers like Sui Southern Gas Company, Atlas Autos and Atlas Engineering.

Client Testimonials



Saquib H. Shirazi
Chief Executive Officer
Atlas Honda Limited

Atlas Honda Limited (AHL) started business with TPI in 2002. At the time the company supplied Pipe Forks. With time, the consistent excellent services and prompt deliveries rendered by the vendor encouraged AHL to extend business to Sheet Metal parts and, more recently, Die Casting. Tecno Pack Industries has indeed set up new projects and processes for AHL in a smooth and speedy manner.

We greatly appreciate the timely manner in which TPI undertook the development of different parts from AHL and produced quality output. We have always been able to rely on your flexibility and courteous service and, therefore, look forward to many more years of cooperation.



Client Testimonials

Our association with TPI for more than 25 years is itself an indicator of the company's performance. The quantum of business with TPI has always been on a rising curve and we see no reason to reverse. It is obviously a matter of our undaunted confidence in TPI as a supplier. On time and as scheduled receipts of TPI's goods, keeps us in a position to meet production targets. Furthermore TPI's quality consciousness ensures high quality of our final products. We, at Millat Tractors, would also like to appreciate TPI's prompt action to the design changes whenever these are brought to improve the product specifications.



Laeeq Uddin Ansari
Chief Executive
Millat Tractors Ltd.

TPI, undoubtedly, is one of DYL Motorcycles Limited's most important vendors and our business relation is getting stronger day by day. TPI is a reputable organization that provides good support in all our projects and maintains high quality performance. Over time, TPI's solid support has further reinforced our philosophy of QCDR (Quality Cost Delivery and Reliability) and we are able to overcome any production problems that may arise.

TPI always gives prompt response regarding quality matters and follows our supply schedule strictly. TPI's on-time delivery of quality parts always assists in running our production lines smoothly, thus enhancing our brand quality.

We are proud of our relationship with TPI and look forward to enhancing it further in the future.



Yunus Dawood
Chief Executive
DYL Motorcycles Ltd.



Our Strengths

Extensive expertise – Having been established for a number of years, TPI possesses the capability to produce almost any high-grade engineering component according to the design and specifications provided by its customers in an efficient and cost-effective manner. This yields increased profitability not only for the Group, but also for its clients.

Efficiency even without economies of scale – Being a part of one of the smaller economies of the world, TPI has over the years managed to create an environment in which the efficient use of its competitive advantages has enabled it to remain efficient and sustainable even without achieving economies of scale. This has enabled us to embark on most projects and keep them profitable even without high volumes being involved.

Cellular Manufacturing – TPI's adaptation of the Cellular Manufacturing process has helped in making the processes lean as well as reducing the time and cost of its finished components. New cells can be added as per the clients' requirements without affecting the rest of the manufacturing process ensuring timely delivery of components

In-house engineering capabilities – Having mastered the art of remaining profitable even without achieving economies of scale, TPI has over the years expanded its facilities into several areas. This has allowed us to have many of the engineering facilities in-house, a liberty that allows it to complete its projects without the need to outsource many of the tasks involved. Amongst others, TPI possesses the facilities for Aluminum Pressure Die Casting, CNC Machining, Hard Chrome Plating, Forging, Sheet Metal Pressing, Plastic Injection Moulding and Paint Shop.

Human Resource Capital – TPI benefits from having a strong leadership of senior employees infused with a number of dedicated and highly qualified young and enthusiastic professionals. There is a strong emphasis on open communication that helps bring problems to the surface and fosters teamwork all around. Regular trainings and development on an ongoing basis contributes to the continuous appreciation of human capital.



TPI'S Core Facilities

ALUMINUM PRESSURE DIE CASTING

The pressure die casting process has been the latest addition to the engineering processes conducted at TPI. Using brand-new quality machines, TPI possesses the capacity to design any mould according to the requirement of its customers and manufacture quality aluminum die casted products in accordance with customer design. The cold chamber pressure die casting process installed at TPI under the supervision of highly skilled, dedicated and experienced personnel is a high-tech process developing products with the following characteristics:

- High Tensile Strength
- Relatively Ductile
- Highly Impact Resistant
- Light Weight
- Dimensionally Stable in Case of Simple & Complex Geometries
- Thin Walled as Compared to Sand and Permanent Mold Casting
- Fairly Corrosion Resistant
- Possessing good Mechanical Properties and Retaining Strength at High Temperatures.



TPI'S Core Facilities

SHEET METAL STAMPING

Sheet Metal pressing, cutting, drawing, and hole punching are amongst the first few processes that were conducted at TPI. Therefore, needless to say, we have developed considerable expertise in running this particular operation. The people working at TPI who are involved in this process consist of a blend of time served engineers having many years of experience behind them along with young and qualified mechanical engineers ready to assist our customers with their individual requirements. This provides our clients the opportunity to learn from our engineers and together work on process development.

The process is conducted using steel sheets as raw material. These sheets are cut into strips of required sizes using shearing machines. The cut to size strips are then fed into a die fitted on mechanical presses to cut blanks of desired shapes and sizes. These blanks are further processed into the required form by drawing or bending on other presses. The size and type of press required for a particular job mainly depends on the geometric features of the parts to be manufactured, thickness of the steel sheets and the required cutting area.

Both mechanical and hydraulic presses having capacity of up to 200 Tons are used to conduct the process of sheet metal stamping at TPI. The presence of our committed and experienced work force in this area ensures the necessary accuracy and efficiency required by our clients.



TPI'S Core Facilities

MACHINING

TPI's machining facilities are top-class and are comparable with any of the other machining facilities in Pakistan. Highly skilled engineers working on state of the art CNC machines operate the facility. All the necessary design and process facilities are available in-house enabling us to provide top quality customized solutions to our clients. In addition, our highly trained and vigilant Quality Control department ensures that the quality of production remains consistent and meets the level of excellence promised to our clients.

At TPI, we provide facilities for almost all kinds of machining processes including turning, milling, boring, grinding, and tapping. These processes are conducted on numerous state of the art CNC machines including Turning Centers, Milling Machines and Drilling Machines. Furthermore, the Machining Centers available at TPI allow for the necessary flexibility in operations.

GRINDING

TPI's customers benefit from its extensive expertise in supplying high quality components requiring the grinding operation. We have set up highly precise multi stage center-less grinding processes to satisfy the needs of our customers reducing wastage content and achieving specified surface finish within restricted tolerances. By increasing its sales and enhancing capacity of grinding products year by year, TPI proceeds with its plans of process automation in the near future.

TPI has been a part of the machining industry since 2002. Having been in the industry for such a number of years, we now possess the necessary facets to remain a competitive participant within the machining industry.



Support Functions

“TPI-a one stop solution to your engineering needs”

Over time, TPI has become a ‘one-stop solution center’ which has proven to be greatly beneficial for the company’s clients . We are proud to serve the industry within the areas of:

- **Conventional Machining/Metalworking Processes using**
 - Centre Lathe Machines
 - Milling Machines
 - Drilling/Multi Drilling Machines
 - Cylindrical Grinding, Bench Grinding
 - Reaming, Honing etc.

- **Welding**
 - MIG/CO₂ Welding
 - Electric Arc Welding
 - Spot Welding

- **Molding & Hardening**
 - Plastic Molding
 - Rubber Molding
 - Induction Hardening
 - Case Hardening

- **Simple & Complex Assembly**



Apart from other manufacturing operations, Tecno Pack Industries (Pvt.) Ltd. possesses purpose built in-house facilities of Surface Preparation and Treatment which include:

HARD CHROME PLATING

The process of Hard Chrome Plating is being carried out at TPI for about a decade. This process induces a fairly heavy coating for wear resistance, lubricity, oil retention, and other 'wear' purposes. 'Hard chrome' is not really harder than other forms of chrome plating; it is called hard chromium because it is thick enough that a hardness measurement can be performed on it.

Hard Chrome Plating is carried out on two components at TPI namely the Pipe Component Front Fork that is provided to Atlas Honda Limited and the Tube Inner Component that is provided to DYL.

The process of Hard Chrome Plating is conducted at TPI whereby machined and grinded tubes are plated to obtain a layer of Chromium Metal up to a thickness of 0.15 mm. The layer of Chromium makes the outer surface of the component hard and resistant against wear and tear.

OVEN BAKED PAINT COATING

TPI's Oven Baked Paint Coating ensures fair adhesion, high quality paint finish and long life of the product. To achieve this, the machined components are subjected to elaborate surface treatment process by four step seven tank special anti corrosion treatment consisting of the following steps:

1. Degreasing (Alkaline Cleaning-Removal of Alkaline Impurities)
2. Pickling (Acid cleaning-Removal of Acidic Impurities)
3. Passivation (Phosphating)
4. Water Rinsing & Drying

After chemical treatment the items are Spray or Dip Painted in paint booths with high quality Paints purchased from reputed suppliers. After painting, the items are oven baked in special purpose gas fired oven at 110~120°C for 25~30 minutes, to ensure long life and good finish.

Another surface treatment process of Galvanizing is carried out in-house for specific parts.



Social And Ethical Responsibilities

TPI is strongly committed towards maintaining and promoting a solid ethical environment within the organization as well as in all its business activities. We believe that having a strong social responsibility code and making ethics a priority goes beyond legal minimums and is intimately linked to goodwill, performance and profitability. TPI engages in firmly abiding by these ethical priorities:

- Implementing policies and practices that stringently protect the health and safety of our employees
- Recognizing the inputs, contributions and talents of our employees and further developing their strengths
- Maintaining inclusive policies at all levels with complete intolerance of discrimination of any kind
- Being at the forefront of providing customers with high quality products
- Enforcing and maintaining fair trade practices
- Supporting innovations that reduce the environmental impact of our products
- Recognizing our role in the larger community and contributing towards programs to aid the underprivileged
- Striving to continually learn about best practices in ethical governance



Our Clients



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