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UNLEASHING
POWER

UNLOCKING
VALUE



GEARED MOTORS · GEARBOXES · GEAR ASSEMBLIES · DRIVE SOLUTIONS

Geared Motors and Gearboxes are the heart of any engineering product. It is not just the torque and speed but the RELIABILITY of the Geared Motor that defines the performance of your product or equipment.

Reliability comes through superior product design, years of manufacturing excellence, in-depth knowledge about Gear technology, continuous improvements and an attitude of no compromise on product quality.

POWER BUILD PVT LIMITED [popularly called PBL] has embodied these attributes since 1972. Having invested continuously on technology and design, PBL has the finest infrastructure to design and manufacture Geared Motors, Gearboxes and Drive Assemblies. After decades of experience in Gear technology and continuous product development, our RADICON POWERBUILD brand of Geared Motor and Gearbox has today become the trusted workhorse of the industry. Over the years PBL has consistently delivered world class, robust and reliable products across the world. More than a million units are performing in India and around the world in the countries like Germany, UK, Sweden, USA, Italy, Middle East and SE Asia. The track record of proven performance of RADICON POWERBUILD products in diverse industries is a symbol of immense trust reposed on us by thousands of users.

RADICON POWERBUILD offers the widest range of highly efficient medium torque Geared Motors, Gear Boxes and Drive Solutions that provide the best value for your investment. So, whenever you think of Geared Motors, choose reliability over the ordinary. Experience the power of proven performance, and the advantage of RADICON POWERBUILD, the leaders in Power Transmission Solutions.

Our global network will ensure that you always find technical support nearby, when you most need it. RADICON POWERBUILD, a name that spells RELIABILITY and VALUE.

To call **RADICON POWERBUILD**, just send SMS to **7567567567**.
IT WILL MAKE A DIFFERENCE.



Series M :
Helical Inline Geared Motor



RADICON POWERBUILD Series 'M' Helical Inline Geared Motor and Reducers belong to the latest generation highly efficient Universal drive solutions suitable for almost all applications. The product has a very sturdy and elegant design that covers ratios beyond 20,000:1 along with a capability of delivering a torque of 20,000 Nm.

RADICON POWERBUILD range of Helical Worm Geared Motor provides the optimum solutions for right angled drives with a high efficiency and multiple mounting options. Ratios upto 250:1 can be easily achieved in just two stages and upto 16,000:1 in multiple stages. Torques upto 10,000 Nm can be transmitted.

Series C :
Right Angle Heliworm Geared Motor



Series F :
Parallel Shaft Mounted Geared Motor



RADICON POWERBUILD Series 'F' Parallel Shaft Mounted Geared Motor comes with multiple mounting options and ratios upto 20,000:1 in multiple stages. This product comes with an integral torque arm for shaft mounted applications. This product is extensively used for Hoist and Cranes; Mixers and Agitators, Steel and Tube Rolling Mills and a range of Conveyor applications.

Series K from RADICON POWERBUILD is an extremely efficient Right Angled Gearbox. It can deliver torque upto 33,000 Nm with a ratio of upto 10,000:1. Apart from superior aesthetics, the product is very flexible in terms of mounting options. This proven workhorse finds widespread applications in most core industries like , Cement, Steel, Power, Mining and other infrastructure projects.

Series K :
Right Angle Helical Bevel Geared Motor



Series J :
Shaft Mounted Speed Reducer



Series J from RADICON POWERBUILD is available in most popular ratios. A very simple product that is easy to mount and dismount using our patented KIBO technology. By varying input speed using pulley, chain or belt drive , the Output RPM can be controlled to suit any application. This product delivers excellent performance especially for the construction, glass, ceramic , mining, paper and chemical industries.

RADICON POWERBUILD range of smart Planetary Geared Motor and Gearbox provide an ideal solutions for inline (and right angled) applications which require very high ratios upto 2500:1 in a limited space. The current product range covers torque upto 65,000 Nm. The product has a range of options on the output side to suit customer needs.

Series PL :
Planetary Geared Motor.



Series A :
Compact Geared Motor



RADICON POWERBUILD Series A is a genre of Compact Geared Motors with proven performance. This product can be manufactured and delivered in the shortest time to minimize the downtime at the customer location. Series A Compact Geared Motor has a stylish design, is easy to install, light weight and comes with a small footprint. The product is grease filled for life which makes it simple and maintenance free.

RADICON POWERBUILD has its in-house design and testing facility along with state-of-the-art manufacturing set up. Drive solutions can be tailored to suit individual customer/project requirement. Popularly known as "Series P", PBL has delivered solutions for a range of applications. Today over 200,000 gear boxes are installed across India for applications with torques upto 20000 Nm.

Series P :
Custom Drive Solutions



MOTO DRIVE Geared Motors



PBL offers mechatronic solutions for motor ratings from 0.37kW to 3.3kW for wide range of motion control applications. These Variable Frequency Drives are integrated with the Geared Motor (decentralized drives) and hence can be controlled remotely. The RADICON POWERBUILD MOTO DRIVE Solutions are available with all categories of Geared Motors. They are customized for application like food processing, material handling conveyors, packaging, baggage handling etc.

POWER BUILD LIMITED has one of the best manufacturing facility in the world to produce Loose Gears and Pinions of high accuracy ranging upto DIN Class 6. The range includes gears upto 1100mm diameter. Highly specialized gears have been delivered for application in Railways, Textile, Compressors, Pumps, Defence, Steel, Power and Construction machinery.

Loose Gears and Pinions
(Custom Gears)



APPLICATION AREAS

| | | |
|------------------------|-------------------|----------------------|
| Steel | Textile | Sugar |
| | Mining | Power |
| Water Treatment | Ceramics & Glass | Cranes & Hoists |
| | Valves | Foundry |
| Petrochemicals | Cement | Ports & Terminals |
| | Oil & Gas | Conveyors |
| Air/ash Handling | Dairy & Poultry | Pharmaceuticals |
| | Chemicals | Packaging |
| Agriculture | Material Handling | Rubber |
| | Rice Milling | Aquaculture |
| Construction Machinery | Food Processing | Industrial Machinery |



Power Build Pvt Ltd - An aerial view of the factory



MARKETING & SERVICING COMPANY



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SUBSIDIARIES

1. RADICON TRANSMISSION THAILAND LTD. (THAILAND)
2. RADICON TRANSMISSION FZE (UAE)

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POWER BUILD PVT LTD
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