ABOUT US

Pennar Industries is a multi-product, multi-location enterprise manufacturing a wide range of value-added sheet metal products, including:

• Cold rolled formed steel profiles
• Engineered components
• Fabricated steel products
• Precision tubes
• Cold rolled steel strips

With our ISO 9000-certified manufacturing units spread across India - and more being planned nationally as well as internationally - Pennar Industries has an impressive presence in diverse industries such as railways, automobiles, building & construction, pollution control equipment, infrastructure, road safety systems, and general engineering.

BUSINESS VERTICALS

Steel products: Narrow and special grade cold rolled steel strips, engineered profiles such as ESP electrodes, building products, road safety systems, sheet piles and automobile panels & profiles

Tubes: Precision tubes, CDW/ERW tubes and GP tubes

Industrial components: Pressed steel precision components for auto, industrial, white goods and general engineering segments

Systems and Projects: Systems for rail wagons and coaches (roof, furnishing, side walls, coach body components, under frame and chassis members) and solar PV structural solutions

Pre-engineered buildings: Pre-engineered building structures, industrial buildings, warehouses, airports and aircraft hangars, turnkey buildings and leak-proof roofing sheets

Pennar Enviro: Water treatment solutions, water treatment chemical solutions and fuel additives
PRESENCE IN THE AUTOMOBILE INDUSTRY

Pennar specializes in pressed steel products for the automobile industry. Over the years Pennar has evolved to become a one-stop-shop for a range of products to several OEMs of LCVs, MCVs and HCVs in India. Pennar’s vast portfolio for the automobile industry includes tubes for bus body builders, floor panels, side panels, bumpers for LCVs and MCVs, sheet metal components, fabricated items along with floor products.

OUR CUSTOMERS

- Ashok Leyland
- BEML
- Brakes India
- Endurance
- Fleet Guard
- Ford
- Hero
- Honda
- Hyundai
- IFB
- INEL
- Lucas-TVS
- Mahindra
- Maruti Suzuki
- Tata Motors
- Toyota
- Eicher
- Wabco
ABOUT HYDRAULICS BUSINESS

The young and dynamic engineering team at Pennar has a cumulative experience of over 15 years in the hydraulic cylinder industry across product design and manufacturing.

Our strengths lie in our ability to conceptualize and design complex cylinders across user segments.

WHAT WE OFFER:

- Welded and tie-rod cylinders and components with bore sizes from 38 mm to 300 mm, with strokes up to 6000 mm
- We can incorporate valves, springs, and a wide range of mounting options along with custom coating and packing options into our designs
- A wide product range with applications across industries such as agriculture, construction, mining, marine, ship building and bulk cargo handling, off highway and earth movers
A strong focus on processes and quality has helped Pennar deliver superior products over the years. The hydraulics manufacturing facility is ISO 9001:2008 BVQI ANAB certified. We specialize in quick turnarounds of ‘Made to order’ and ‘Made to stock’ products.

The manufacturing standards at our facility include:
• CNC lathes and machines along with CAD/CAM
• High quality honing, grinding & friction welding machines
• Demand flow and continuous flow manufacturing techniques
• Lean manufacturing techniques
• Cross functional employee involvement through Kaizen events
• 5S practices & Kanban systems
• RCI (Rapid Continuous Improvement)
TELESCOPIC CYLINDERS

- Manufacture of single acting and double acting telescopic hydraulic cylinders
- Bore sizes range from 2” to 10” (50 mm - 250 mm)
- Working pressures of up to 170 bar (2500 psi), which can be customized according to customer needs
- Up to 5 stages, with a maximum stroke length of 6 meters in double acting applications

STANDARD WELDED CYLINDERS

- High quality welded cylinders designed for heavier loads
- Bore sizes ranging from 1.5” to 8” (38 mm - 203 mm)
- Stroke range of 4” to 96” (100 mm - 2440 mm)

DUMP HOIST CYLINDERS

- Design and manufacture of single acting dump hoist cylinders for pushing a load of 35 tonnes or more
- Maximum bore diameter of 9.8” (250 mm) and rod diameter of 3.9” (100 mm)
**STANDARD TIE-ROD CYLINDERS**

- Bore size of 2” to 5” (50 mm - 127 mm)
- Stroke range of 4” to 60” (100 mm - 1524 mm) with 3000 psi of rated working pressure

**PIGGY BACK CYLINDERS:**

- Used in applications that require a long extension-short retraction area
- Bore size of 2” to 3” (50 mm - 76 mm)
- Stroke range of 40” (1016 mm)

**INTEGRATED VALVE CYLINDERS**

- We design and build cylinders that utilize load holding cartridge valve, position valve, and sequence valve
- Manufacturing capability to build cylinders from 3” to 8” (76 mm - 203 mm) for application on large vehicles like boom lifts, outriggers, and boom extenders