

KEEPING ENGINEERING EXCELLENCE AT THE CORE

At Pennar Industries, our journey commenced in 1988. In the years that followed, we have continued to hone our capabilities, emerging as a leading value-added engineering products and solutions company. With a diverse portfolio that spans sectors such as infrastructure, automotive and railways, we have carved our niche with our precision engineering expertise. Headquartered in Hyderabad and operating manufacturing facilities nationwide, we have continually expanded our capabilities to provide high value engineering services, including design, development and comprehensive manufacturing solutions for our customers.

We started with a single manufacturing facility in Isnapur, Hyderabad. Ever since, we have remained focused on delivering unique and innovative engineering solutions. It has also enabled us to scale new heights of success with our expertise in precision engineering. Through strategic acquisitions and expansion, we have established a global footprint with 10 ISO certified manufacturing facilities, consistently fulfilling evolving customer requirements.

OUR PRODUCT RANGE



STANDARD WELDED CYLINDERS

- Bore Size from 1.5" to 8" (38mm – 203mm)
- Stroke 4" to 96" (100mm – 2440mm)



PIGGY BACK CYLINDER

- Long extension- short retraction
- Bore size of 2" to 3" (50mm – 73mm)
- Stroke of 40" (1016mm)



TELESCOPIC CYLINDERS

- Bore Size from 2" to 10" (50mm – 250mm)
- Working Pressure of up to 170 bar (2500 psi) customized to the customer needs
- Up to 5 stages, with a max stroke of 6 mtr in double acting applications



JACK CYLINDER

- Double-acting
- Operating pressure rated to 3,000 psi
- 12,000 lbs. of lift and hold capacity



OUR PRODUCT RANGE



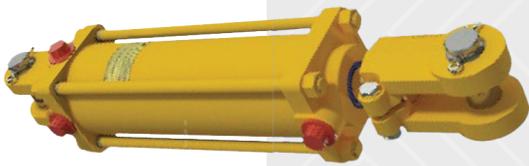
DUMP HOIST CYLINDER

- Dump hoist for a load of 35 tonnes or more
- Maxi bore dia of 9.8" (250mm) and rod dia of 3.9" (100mm)



INTEGRATED VALVE CYLINDER

- Cylinders that utilize holding cartridge valve, Position valve and Sequence valve 3" to 8" (76mm - 203mm)
- Application on large vehicles like boom lifts, outriggers and boom extenders



STANDARD TIE-ROD CYLINDERS

- Bore Size from 2" to 6" (50mm - 152mm)
- Stroke 4" to 60" (100mm - 1524mm) with 3000 psi



HYDRAULIC POWER PACKS

- Pump and motors with reputed make up to 200 LPM and 50 HP
- Hydraulic valves – AC / DC, Servo and Proportional ones with reputed make
- Operating pressure Up to 310 Bar (up to 4500 psi)



QUALITY YOU CAN TRUST. DELIVERY YOU CAN RELY ON!

Pennar specializes in designing and developing complex, large-sized hydraulic cylinders to suit your specific needs. Our team of world-class experts utilizes professional 3D modeling tools to create custom designs for you.



Our cutting-edge facilities, hi-tech CNC machines and meticulously automated assembly process produces and presents top-notch hydraulic cylinders. Unmatched quality is integral to every stage of the manufacturing and is a hallmark of our unblemished output.

- Over a decade of experience
- Capability to serve customized solutions
- Ability to conceptualize, design, engineer and manufacture
- Complete control and access to raw materials
- Quality and consistent supply of products
- Global products with world-class quality
- Proven track record to global customers



**Promised performance of a million hydraulic cylinders
to the global market.**



Pennar Industries Limited
Manufacturing Unit Chennai.

FOR A RANGE OF INDUSTRIES. FOR A RANGE OF NEEDS!

Our accumulated and articulative technical knowledge spans a range of segments – agriculture, construction, industrial, truck hydraulics and specialized applications like pitch cylinders for windmills, mining equipment, snow ploughs, marine offshore use.

We enjoy a strong supply chain network spanning U.S, Taiwan, China, Romania, Italy, and Singapore.



Construction and Earthmoving

- Excavators (Mini, Midi and Large)
- Backhoe Loaders
- Wheel Loaders
- Motor Graders
- Dozers
- Compactors
- Material handlers



Truck Hydraulics

- Front End and Under Body Tipping
- Truck Steering
- Cabin Tilt Cylinders and Latches
- Car Carrier
- Refuse Trucks
- 3 Way Tipping System
- Aggregates



Mining and Special Applications

- Underground Haulers and Loaders
- Surface Drill Rigs
- Windmills
- Industrial Applications
- Marine application
- Defence application
- Front end tipper cylinder



Farm and Agriculture

- Harvester and Combines
- Sprayer
- Planter
- Tractor Steering and Attachments
- Farm Implements
- Front end tipper cylinders



Forestry

- Feller-Bunchers
- Log Skidders
- Log Loaders
- Sawmill Machinery

THE PENNAR PROMISE!

Pennar started in 1988 as a cold-rolling steel company and has since grown into a \$450 million precision engineering conglomerate – spanning engineering service, construction, engineering design, wastewater treatment solutions, solar and aerospace!

We pride in being perennially agile, adaptive and advanced. Over the years, we have progressively progressed to producing higher value-added components, entailing investments in higher capital equipment and building our technical competencies.

Pennar is ISO certified with 10 manufacturing facilities in India and around the world.

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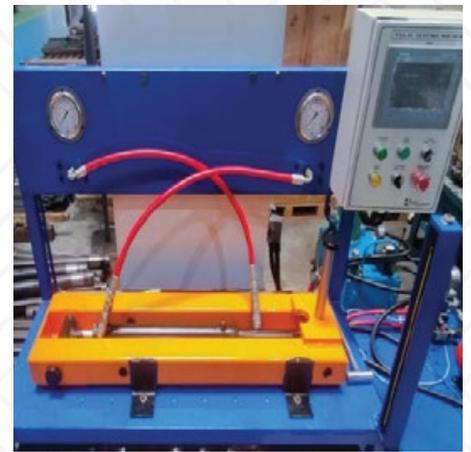


INDIA

Pennar Industries Limited
Factory: 452/7, No. 90,
Periyapalayam Main Road,
Kannigaipair, Uthukottai Taluk,
Chennai 601 102

State-of-the-art validation lab to validate our credentials!

- Pressure testing
- Burst test equipment
- Pulse test rig
- Back-to-back endurance test rig
- Load test equipment



A DIVERSIFIED PORTFOLIO. WITH THE SAME LEVEL OF DEDICATION!



ENGINEERING COMPONENTS BUSINESS

We develop safety-critical and high-performance components for both domestic and international markets.

With in-house prototyping and development capabilities, we partner with customers to create customized products for hydraulics, industrial components, Pennar Sub-Assemblies and white goods segments.

Our state-of-the-art manufacturing plant, spread over 40 acres, is located on the outskirts of Chennai. A 1,000+ professional army works diligently here to produce top-notch engineered products.

MANUFACTURING CAPABILITIES

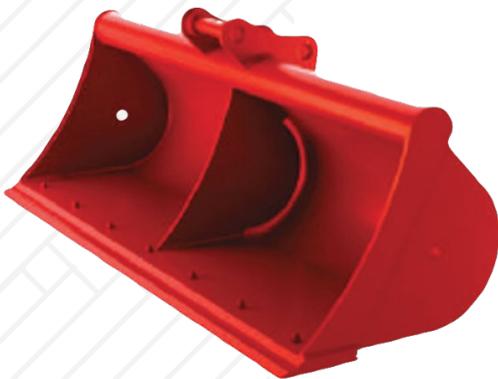
- Shearing Machine & Laser cutting machine
- CNC Turret punching with plasma cutting machine
- CNC press brake bending
- Pulse machine welding
- Shot blasting machine
- Spray paint booth

PENNAR SUB-ASSEMBLIES

We manufacture high-precision components for construction equipment and off-highway vehicles, including loader arms, dippers, booms, buckets, and sub frame/support arms.

The state-of-the-art facilities are equipped with advanced equipment viz., Boschert Precicut Plasma turret punch machine, high tonnage Durma press brake, robotic welding, shot blasting, and painting capabilities.

They allow us to efficiently produce small to large components on time.



AUTOMOTIVE COMPONENTS

We manufacture critical automotive components including brake and suspension systems, auto electricals, and structural assemblies. We have the competence and capability to handle high volume production. Our product development cell is equipped to address customer-specific requirements and develop custom solutions.

WHITE GOODS

We have vast experience and expertise in handling critical, customized components for white goods applications and are pioneers in deep-drawn components. Our first-rate plant at Patancheru meets and even surpasses global standards.



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