



An ISO 9001 : 2008
Certified Company

PMPL

Fabrication

Heavy Machining

www.precitech.in

PRECITECH MANUFACTURING PVT. LTD

Your Heavy Machining and Fabrication Needs Under One Roof

Wholly owned subsidiary of LNV Technology Pvt. Ltd.
(Member of Sinoma International Engineering Company, Hongkong)

About PMPL

PMPL, an ISO 9001-2008 company, located at the industrial hub of Trichy, Tamilnadu has set up a world class state of the art integrated fabrication cum machining facility equipped to manufacture Ten Thousand Metric Tons of finished products per annum.

Among the unique features of this unit is that it is equipped with a crane capacity to handle a single piece of 200 tons and a Special purpose Heavy duty Floor lathe to manufacture mill/kiln shell upto 6 Mtr dia and 20mts long.

PMPL is a wholly owned subsidiary of LNVN, a member of Sinoma International Engineering, China a pioneer in providing engineering solutions and supplying core cement and power plant equipment with a clientele list of over 200 worldwide and having a strong presence in China, Middle East and South East Asia.

Managed by a team of highly experienced professional engineers, supported by well qualified, trained and skilled technicians, PMPL is equipped to undertake heavy fabrication, equipment manufacturing and machining operations to a high degree of accuracy.

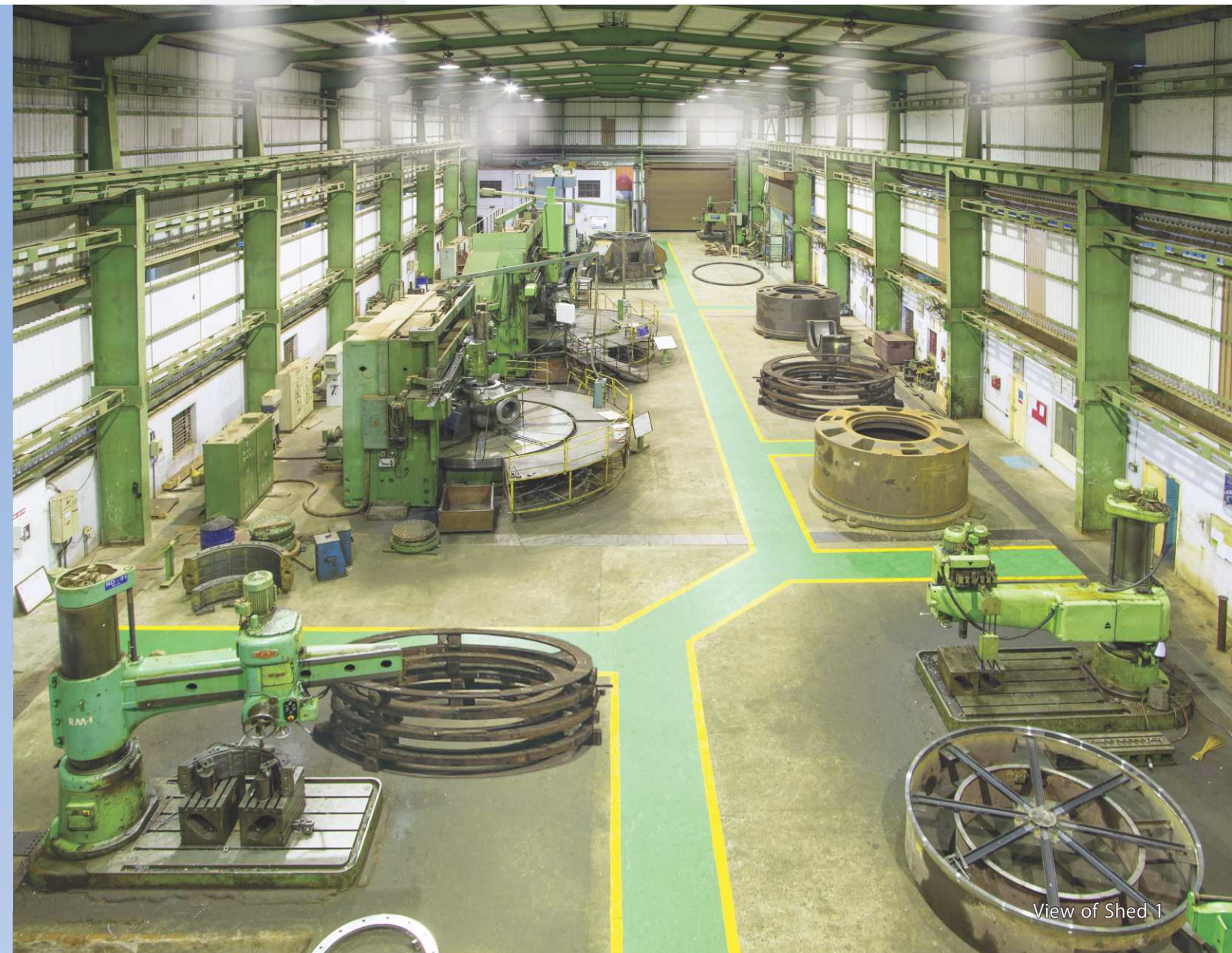
Ball Mill Shells, VRM Stand, Clinker Cooler, Roller Press frame, Classifiers, Rotary Feeders, Conveyors, Cyclone, Dust Collectors are some of the heavy cement and mineral processing equipment that can be manufactured in this integrated facility.

Precitech is a one stop source for all your manufacturing needs.

Quality Policy

We commit to the following to achieve total satisfaction of our customers,

- To provide quality manufacturing services to the customers.
- To provide on time delivery always.
- To provide competitive cost by effective utilization of resources.
- Continual improvement on technology upgrading, system & processes
- Employee competence development and enhancing team work.



View of Shed 1



View of Shed 2

Floor Type Horizontal Boring Machine

Make : SKODA
Spindle Dia : 200mm
Model : W200HC
X : 10500mm
Y : 3000mm
Z : 2000mm
with 3 AXIS DRO
Bed Size : 12800 x 3760mm

Attachments for SKODA

1. Rotary Table
Size : 2000 x 2000mm
Capacity : 25 Tons
2. Facing Chuck
Capacity : 2000mm
3. Universal Milling Head



Horizontal Borer - Table Type

Make : STANKO IMPORT
Spindle Dia : 160mm
X : 1400mm
Y : 1400mm
Z : 1600mm
Quil movement : 1000mm

1. Rotary Table
Size : 1800 x 1600mm
Capacity : 8 Tons
2. Facing Chuck
Capacity : 630mm



Vertical Turning Lathe

Make : TITAN
Model : SC 43
Chuck Dia : 4000mm
Swing Dia : 4250mm
Max. Ht. : 2060mm
Capacity : 30 Tons

1. Vertical Heads : 2 Nos.
Max. Horz. stroke : 2400mm
Max. Vert. stroke of Ram : 1200mm
Turret Heat vert. stroke : 760mm
Tilt of head : ± 35 deg.
2. Side Head
Max. Vert. stroke : 2000mm
Max. Horz. stroke : 1000mm

Vertical Turning Lathe with CNC attachment

Make : TITAN
Model : SC 53
Chuck Dia : 4000mm
Swing Dia : 5300mm
Max. Ht. : 2300mm
Capacity : 35 Tons

1. Vertical Heads : 2 Nos.
Max. Horz. stroke : 2800mm
Max. Vert. stroke of Ram : 1500mm
Tilt of head : ± 35 deg.
2. Boring Head
Spindle dia : 150mm
Spindle stroke (Z) : 1000mm
Vertical stroke (Y) : 1250mm



Infrastructure

Radial Drilling Machine - 5 Nos.

1. Make : MAS
Model : VR8
Drill Capacity : 100mm
Spindle : MT 6
2. Make : BATLIBOI
Model : BR 624
Drill Capacity : 75mm
Spindle : MT 5
3. Make : STANKO IMPORT
Drill Capacity : 100mm
Spindle : MT 6
4. Luga Drilling and Tapping Machine
Model : DG 40W
5. Radial Drilling Machine with Digital Readout System
Model : RD 50W
Max. Drilling : 50mm
Distance : 1600mm



Heavy Duty Center Lathe

Overall length: 36'

Swing over Slide
1200mm (4')

Admit between centers
9000mm (30')

Maximum Job Weight
20 Tons

Engineering

PMPL's engineering team is an experienced and qualified one, equipped to develop Innovative drawings to suit the needs of the manufacturing in the following areas:

- a) Preparing effective cutting plan and material preparation. Developmental details for Non Regular / Odd sized components.
- b) Preparing need based shop weld joint & field weld location details. (Considering site conditions, assembly procedures, Transport requirements etc)
- c) Drawings for fit up fixtures and templates
- d) Drawings for machining holding devices , jigs & fixtures
- e) Sequential manufacturing process and testing procedures.

In addition, having backup of full-fledged engineering strength of LNVT, can meet any engineering needs of customers.

Quality Control

- PMPL is an ISO 9001-2008 Certified Company.
- Equipments manufactured are checked and certified for Quality adhering to strict procedures and guidelines laid down.
- Equipped with in house developed Quality Control Systems with all necessary Instruments.
- Products manufactured at PMPL were cleared by many reputed agencies like TPL, QUEST, SGS, BHEL, NTPC, BARC, L&T, Lloyds, etc.

List of machinery

Machining

CZECH: SKODA 200 Spindle Floor Borer

RUSSIAN: HB 160 Table Type Borer

RUMANIA: TITAN Vertical Turret Lathe SC 53

RUMANIA: TITAN Vertical Turret Lathe SC 43

MASHUNGARY: VR8 Radial Drilling

BOTLIBOI: BR624 Radial Drilling

SPM Milling/Planning /Drilling Machine

Hindustan Centre Lathe Between Crs 1200 mm / Lg 30Ft

RUSSIAN: Stanko Radial Drilling

Centre Lathe Olympic / Lg 4 Ft

Centre Lathe Olympic / Lg 8 Ft

Special purpose Heavy Duty Floor type Lathe
with CNC Tool Post

Fabrication

CNC Profile Cutting Machine

HIMALAYA: Heavy Duty Plate Bending Machine

Radial Drilling with digital readout Model: RD 50 W

Luga Drilling and Tapping Machine DG 40

Bench Grinder, Pedestal Grinder, Portable Grinders

Magnetic Drilling M/c & Portable drilling m/c's

Welding Machines

MMA ARC 400 - 7 Nos

MMA Essab LHJ 750 - 3 Nos

MMA SSR 600 - 6 Nos

CO2 Auto K 600 - 6 Nos

CO2 Rilon MIG 500 - 6 Nos

SAW MIZ 1000 - 5 Nos

Shell Rotators

Drive unit with VFD Control & Idler Unit

Min dia 500 to Max 6000 mm

Capacity: 40 Tons to 150 Tons

Heavy Duty Floor Lathe

Tail stock traverse : 20000mm
Tail stock feed traverse : 500mm
Max. swing over bed : 6000mm
Max. job weight possible : 180MT

CNC tool post
X Axis : 800mm
Z Axis : 2000mm

Job Holing Range
Diameter Minimum 2000mm
Maximum 6000mm
Length Minimum 2000mm
Maximum 20000mm



Rolling Machine

Capacity

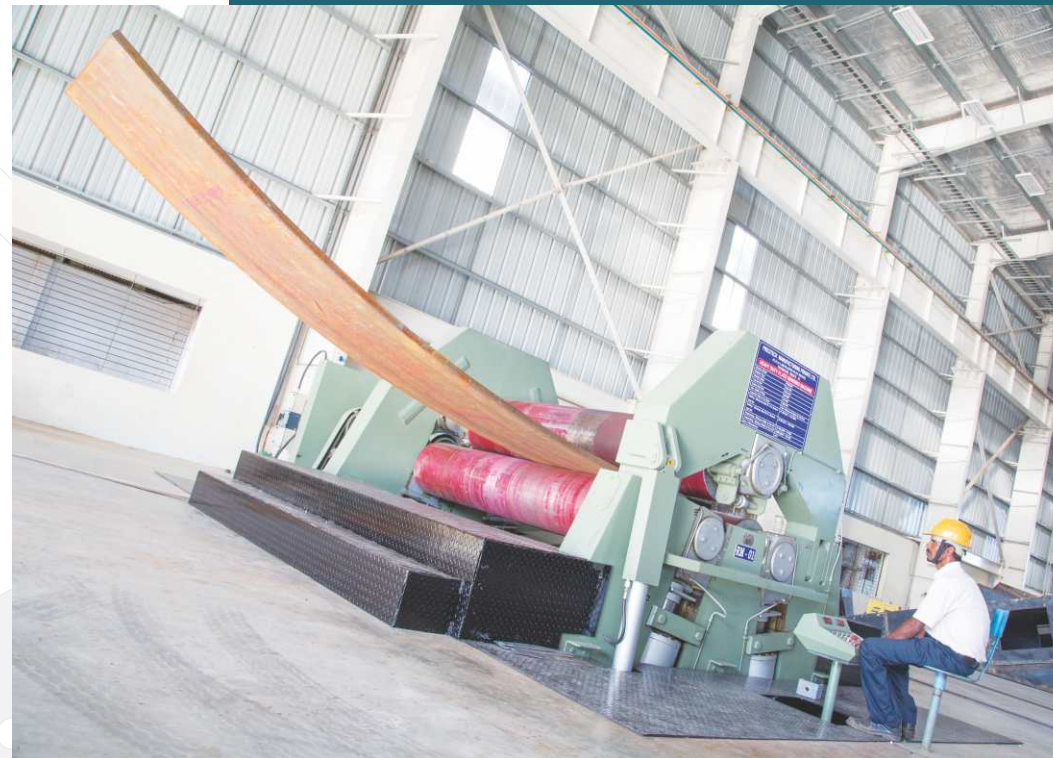
3000 mm Width,
up to 56 mm Thk
2000 mm Width,
up to 72 mm Thk

Type

Hydraulic

Additional Feature

Cone Bending



Profile Cutting

Type	Single Gantry, CNC Controlled
Control System	Power T CNC Controller
Nesting	> most 2D
Capacity	Cutting upto 300mm Thickness - Mild steel Piercing 50mm Thick- MS
Cutting Area	3000 mm x 12000 mm
Tracking area	4500 mm x 14500 mm



Coloum and Boom

Boom Lift	6000 mm
Boom Traverse	6000 mm
Vertical Lift	Fixed, 1000mm/Min
Speed	Fixed, 1000mm/Min
Boom	Variable, 150-1500mm/Min
Travel Speed	Fixed 1000mm per min
Trolley	Fixed
Travel Speed	1000mm per min
Maximum	
Shell size	6000mm dia

Handling Facility

Fabrication and Assembly area

- 1) EOT 100 Tons Capacity x 2 Nos
In Synchronized Remote mode
operation, Single piece of
200 Tons can be handled
- 2) EOT 25 Tons Capacity x 2Nos
In Synchronized Remote mode
operation, Single piece of
50 Tons can be handled
- 3) EOT 7.5 Tons Capacity x 2 Nos
- 4) EOT 10 T Capacity - 1 No
- 5) Gantry Type 20T Capacity -1No

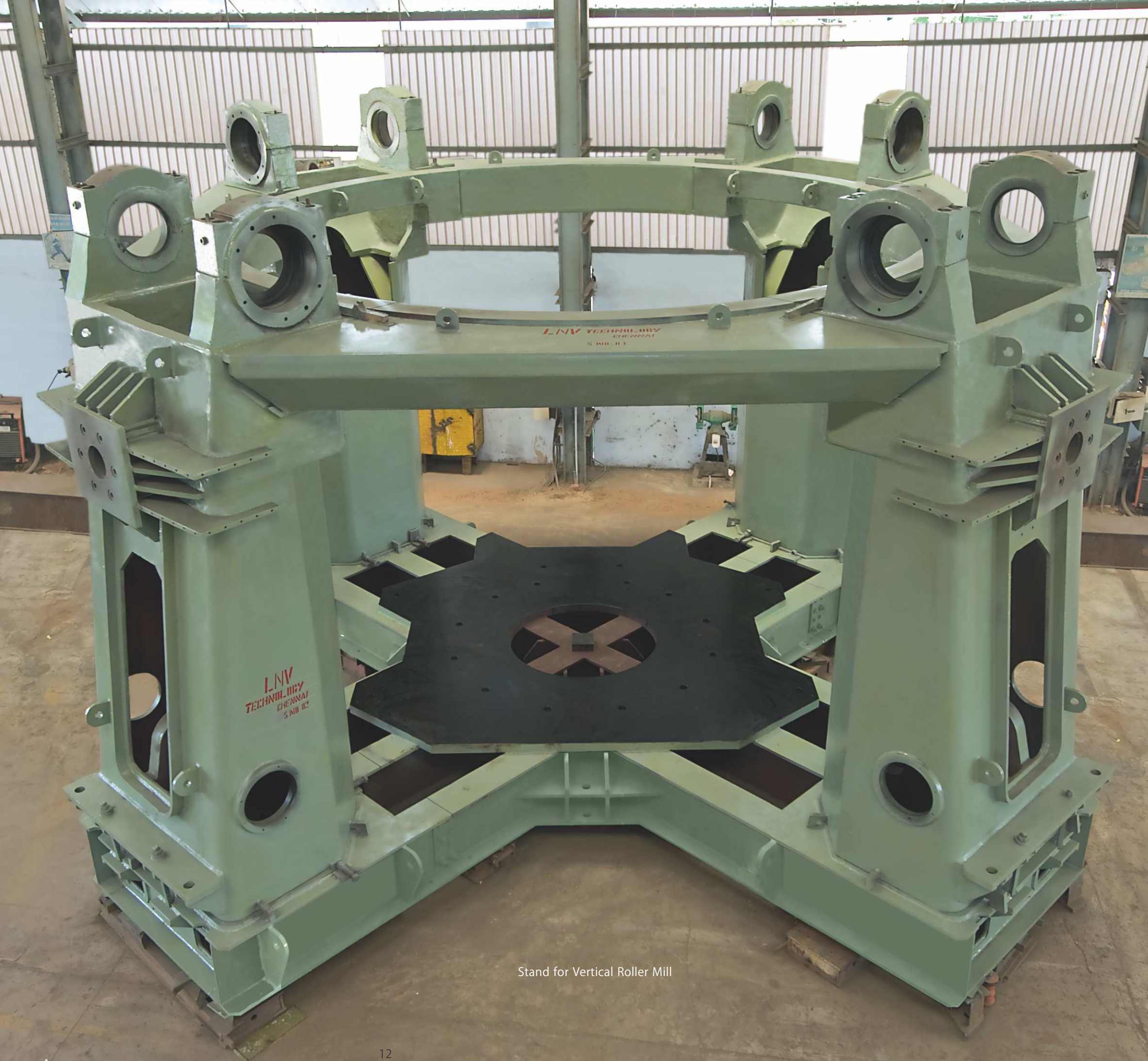
Machine shop

- 1) EOT 25 Tons Capacity x 2Nos

Mobile Hydra Crane

Capacity - 10 Tons, 1 No





Stand for Vertical Roller Mill

Products



Rotor Assembly



Classifier



Rotary Feeder

Products



Clinker Cooler - Shuttle Floor



Clinker Cooler - Shuttle Floor



Main Bearing Housing



Pinion Counter Shaft Assembly



Burner Assembly



Roll Press Frame



Kiln Shell



Support Roller

Clientele



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