

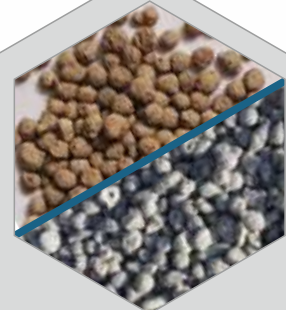
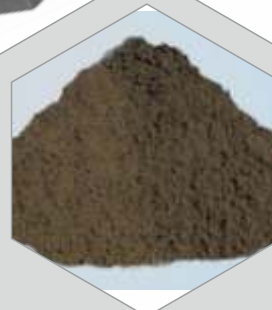
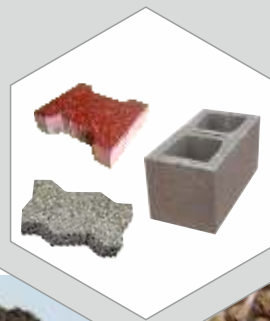


www.neptune-india.com

TURN-KEY PROJECTS & EQUIPMENT FOR

Fly Ash Bricks | Concrete Products | CSE Blocks
Dry Mix Mortar | Grout | Tile Adhesive | AAC Block
Red Clay Bricks & Block | LDA / LWA | Green Sand

Green **MACHINES** With
Green **TECHNOLOGY**





VISION

We shall be the global Leader and respectable company providing Turn-Key Project & Equipment for Ceramic, Refractories & Building Material Industries

MISSION

Our mission is to be globally the best value provider to our customers through leveraging technology and competencies by Creating a culture of Self-Striving with More Efficient & Greener Concept

ABOUT US

NEPTUNE Offers Complete Plant & Equipment for Various ceramic industry Sanitary Wares, Table wares, Insulators, Refractory, Abrasive, Technical ceramics, Tiles, Heavy / Red clay, Tera Cotta Products.

NEPTUNE also offers Turn-key Projects for Building material & construction industry fly ash / Cement bricks, concrete blocks & pavers, Dry Mix mortar, Thin Bed Mortar, Tile adhesive, Grout, Block Joining Mortar, Autoclave Aerated blocks (AAC Blocks/Panels), Light Weight Aggregate (LWA / LDA), Green Sand, Geopolymer Aggregate

SERVING CLIENTS SINCE
30 YEARS



GROWING GLOBALLY
28+ COUNTRIES



GREEN FACILITY WITH
COMBINED FOOTPRINT
822222 Sq. Ft.



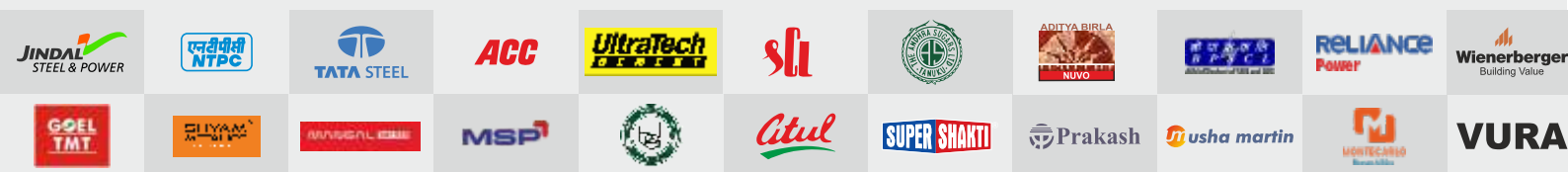
WELL SATISFIED
1003 CUSTOMERS



EXPERTISE SOLUTION BY
6 VERTICALS



STATE OF ART MFG.
FACILITIES WITH
7 PLANTS



FLY ASH UTILIZATION

Protecting Earth By Eco Friendly Production



**FLY ASH LIME
BRICKS**



**FLY ASH CEMENT
BRICKS**



**FLY ASH LWA / LDA
GREEN SAND**



**FLY ASH MORTAR
& ADDITIVES/GROUTS**

USE YOUR BULK FLY ASH WITH

1000 TONS

500 TONS

100 TONS

HY. PRESS

NU 1600

NU 1100

NU 600

NU 250

NU 150



*Highly Powder Compacting
TECHNOLOGY BY 150-1600 TON
Hy. Press*



NEPTUNE MEGA SERIES

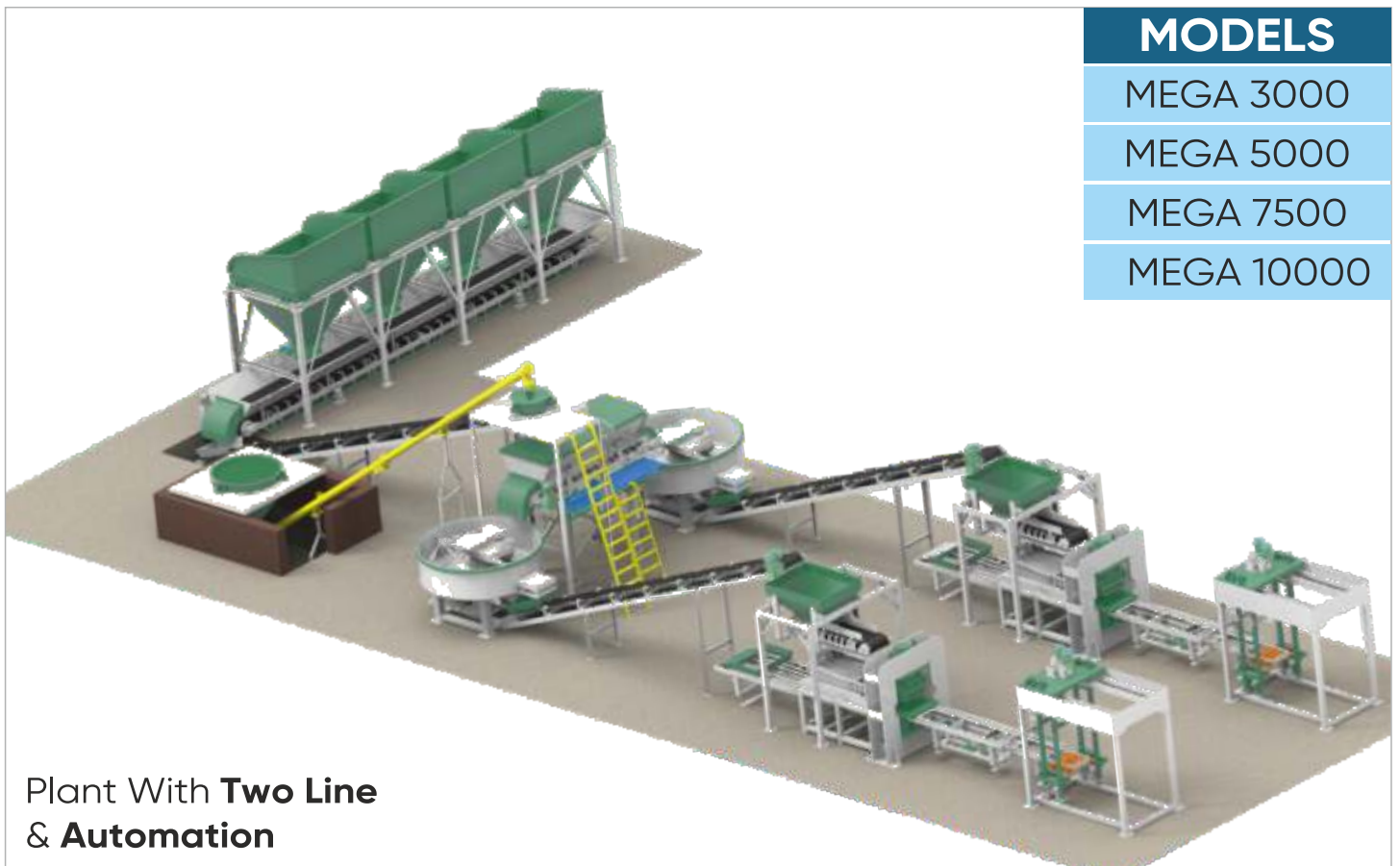
Premium Quality With Large Capacity Projects

PLANT CAPACITY

50,000 - 3,00,000
BRICKS/DAY



Fully Automated
Production Line With
Auto Claving System



Plant With **Two Line**
& **Automation**

MODELS

MEGA 3000

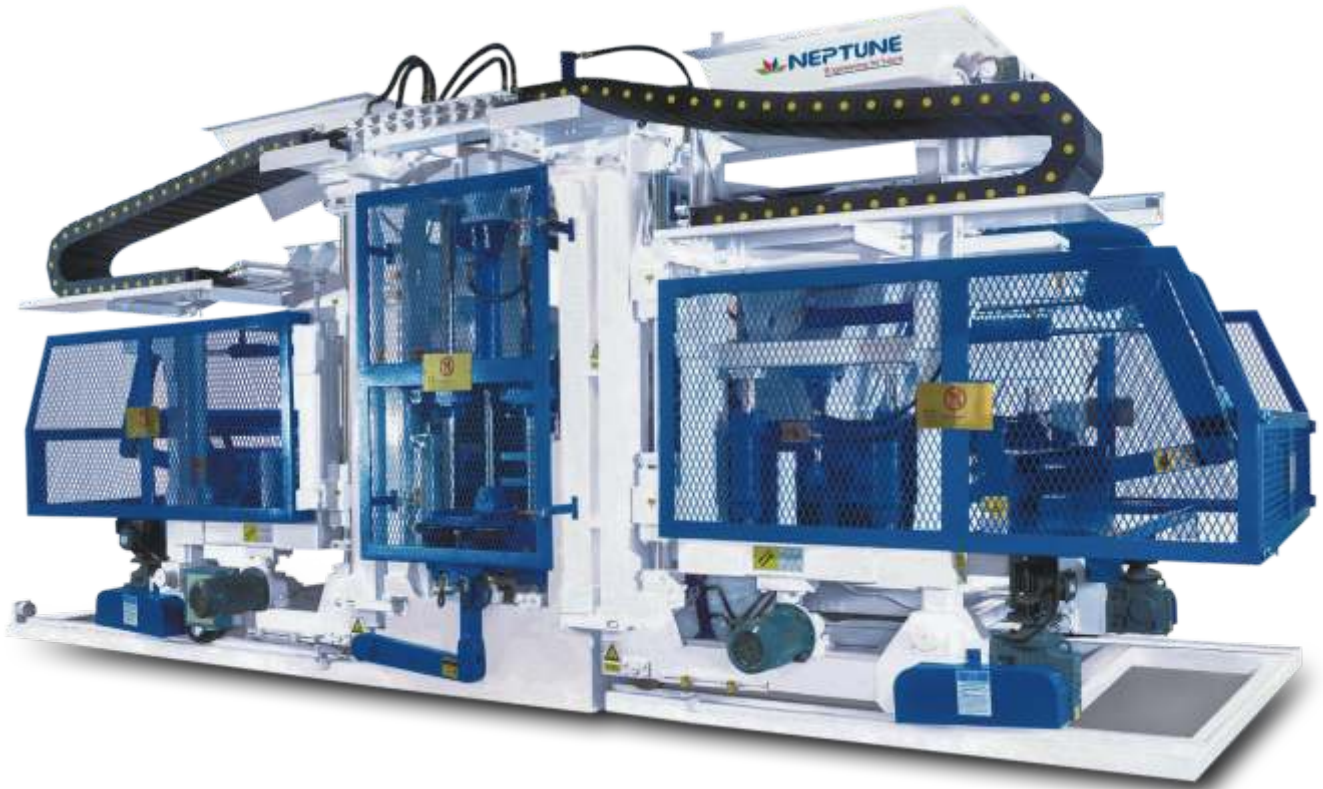
MEGA 5000

MEGA 7500

MEGA 10000

NEPTUNE VIBRO SERIES

Auto-synchronized System For Highly Precise & Better Product Quality



MODELS

VHP 2000

VHP 3000

VHP 4000

VHP 5000

VHP 6000

High Tech **Servo-Type Vibro**
Compacting Technology





Plant Capacity

Concrete Blocks 5000 - 25000 Pcs/Shift
 Concrete Pavers 300 - 3000 Sq.Mt/Shift
 Concrete Tiles 100 - 500 Sq.Mt/Shift
 Fly Ash Bricks 10,000 - 200,000 Pcs/Day

Fly Ash / Cement Silo
Pneumatic Conveying System
 Batching Plant



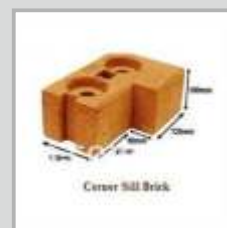
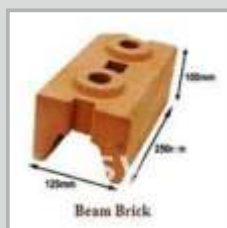
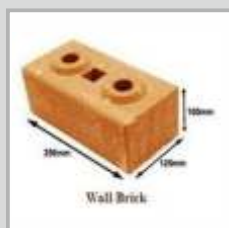
CSE BRICK & BLOCK PLANT

Compressed Stabilized Earth Block



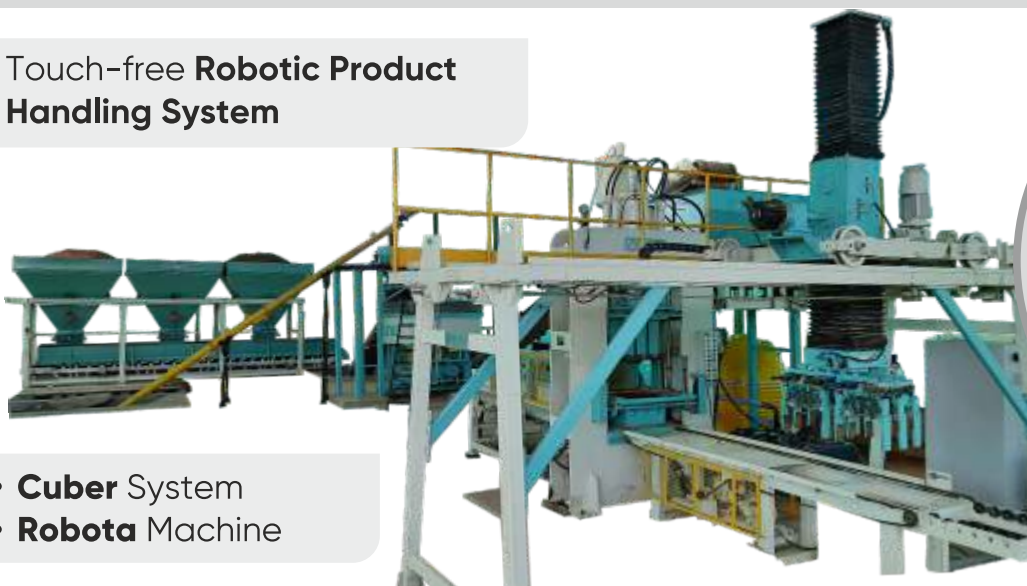
PLANT CAPACITY

10,000 – 30,000
BLOCKS/DAY



Touch-free **Robotic Product Handling System**

- **Cuber** System
- **Robota** Machine



We developed indigenous solution for handling the product without pallet by introducing Robotic Handling System

NEPTUNE PLUS HEY SERIES

Most Successful Plant For 2 Years Roi



- For New **Entrepreneur**
- Real Estate Company For **Captive Mfg.**

Plant with **Compact Batching Plant**



MODELS " NEPTUNE PLUS "

+ 1000 HEY

+ 2000 HEY

+ 1500 HEY

+ 2500 HEY

Plant With
Pre Feeding System

PLANT CAPACITY

10,000 - 50,000
BRICKS/DAY



Plant With
Two Line Automation

DRY MIX MORTAR PLANT

One Plant Multi Product

2 - 100 TPH

Capacity Plant

Self leveling
Mortar

Plastering
mortar
(Rendering
Mortar)

Thin Bed
Mortar

Grout

Tile
Adhesive

Repair
Mortar

Floor
Screed

Wall Putty



ADDITIVE DOSING SYSTEM



BLACK BOX MFG. PLANT

DRY MIX MORTAR PLANT WITH DESIGN

- Vertical Tower Structure
- Horizontal Economy Design



PLOUGH SHEAR MIXER



ROTARY DRYER



DMM-500 WITHOUT/ WITH DRYER

Capacity	5 TPH
Rotary Dryer	Provided (as per requirement)
Mixer	500/1000 kg. per Batch
Bag Capacity	30/40/50 Kg. per Bag
No. of Bags per Hour	100 Bags per Hour
Layout	Horizontal/Vertical
Power Requirement	140-150 HP

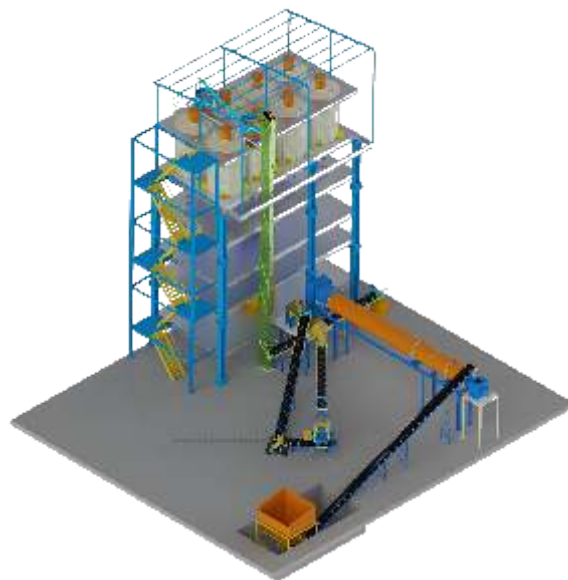


DMM-1000 WITH DRYER

Capacity	10 TPH
Rotary Dryer	Provided
Mixer	1000 -1500 Kg per Batch
Bag Capacity	30/ 40/ 50 Kg per Bag
No. of Bags per Hour	200 Bags per Hour
Layout	Horizontal/ Vertical
Power Requirement	170-180 HP

DMM-2000 WITH DRYER

Capacity	20 TPH
Rotary Dryer	Provided
Mixer	2000 Kg per Batch
Bag Capacity	30/ 40/ 50 Kg per Bag
No. of Bags per Hour	400 Bags per Hour
Layout	Horizontal/ Vertical
Power Requirement	300-310 HP



CLAY BRICKS / BLOCK PLANT

Design In Europe & Manufactured In India

PROJECT & EQUIPMENT FOR

Red Clay Bricks / Hollow Blocks Perforated Blocks / Roofing Tiles



**COAL BURNER
FOR FCBTK
AND NDZK**



CLAY BRICKS / BLOCK PLANT

European Technology @ Made In India Cost

DRYING TECHNOLOGY

Alpina Neptune can supply full range of the most advanced drying systems (rapid, continues, static, types) as well as cars handling systems and fixed / moving ventilation equipment.

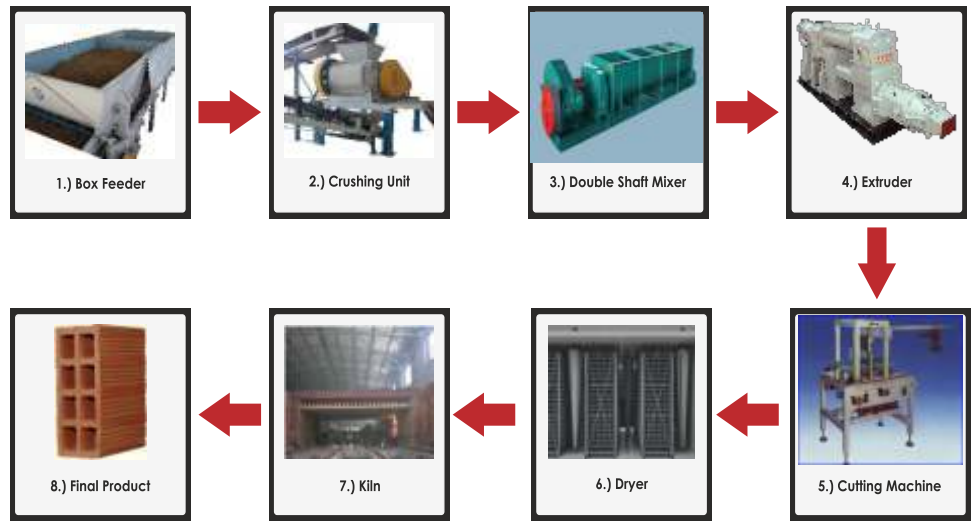
The whole drying cycle can be error- free monitored and adjusted by means of PLC/SCADA based supervising units.

TUNNEL / HOFFMAN KILN

Alpina-Neptune have 30 Years Experience for Building World Class Tunnel Kiln / Flat Roof Hoffmann Kiln with Advance Firing and Energy Efficient Technology



CLAY BRICK PLANT PROCESS FLOW CHART



PLANTS AND MARKETS

Alpina Neptune is always moves ahead in latest technological innovations with the best functionality aimed at the construction of truly state-of-the-art brick plants. From the meticulous tests on raw materials to the automatic handling of both dry and fired product, from dryers to kilns, from unloading/packing systems of the finished product to the regulation/control systems, the whole production process is carefully designed and built European Technology as per international Standard

ANEPL trusts to offer the most Advance Technology and Services at Affordable Price



AAC BLOCK PLANT

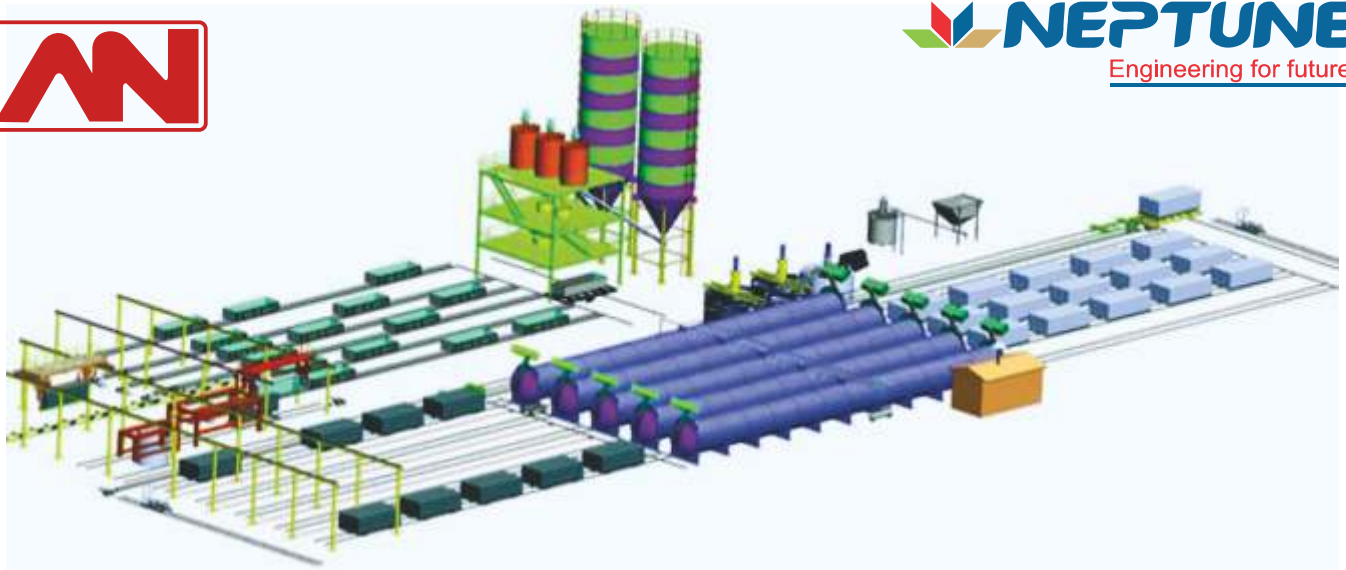
Light Weight Product To Build High Rise Buildings

CAPACITY

150-300-500-1000
(M3/DAY)



NEPTUNE
Engineering for future



CONSTRUCTION & DEMOLITION WASTE UTILIZATION

Waste to Valuable Product

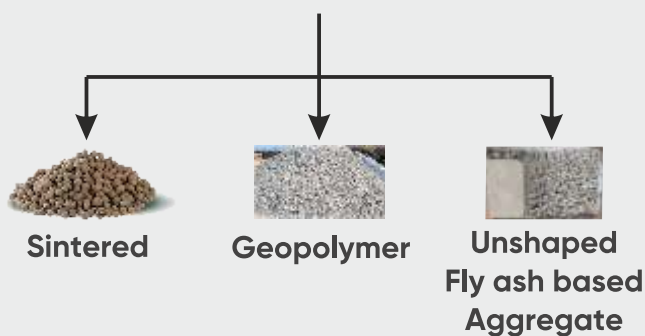


Supplied Neptune C&D Waste Recycling Plant at Mundka Recycling Facility (IL & FS)

LWA/LDA & GREEN SAND PLANT

Waste to Valuable Product

LIGHT WEIGHT AGGREGATE



Comparison = LDA VS Natural Aggregate

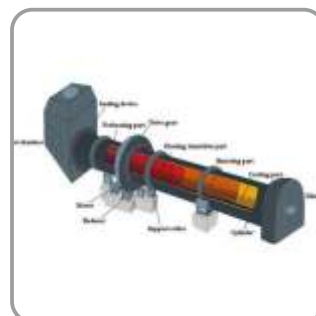
Properties	LDA	Natural Aggregate
Bulk Density	750 - 900 kg/cum	1450 - 1750 kg/cum
Bulk Porosity	35% - 40%	40% - 50%
Water Absorption	12% - 16%	0.5% - 1.5%
Specific Gravity	1.45 - 1.65	2.75 - 2.95
LOI of Product	<4%	<4%
Weight of Concrete	1800 - 1900 kg/cum	2400 - 2750 kg/cum
Shape	Round	Angular



Disk Pelletizer



Planetary Mixer



Sinter Machine



Crushing Unit

OUR OTHER BUSINESS VERTICALS



WHITE WARE DIVISION

- SANITARY WARE PLANT FROM 0.2 - 2 MILLION / YEAR
- TABLE WARE / BONE CHINA / STONEWARE PLANT FROM 2 - 10 TON / DAY
- INNOVATIVE / ROBOTIC AUTOMATION



ELECTRO PORCELAIN INSULATOR DIVISION

- HOLLOW / SOLID / DISC INSULATOR FROM 1000 - 40,000 TON / YEAR
- DE-AIRING PUG MILLS & VACUUM EXTRUDER FROM 50 - 910MM
- CNC TURNING & BORING MACHINE



REFRACTORY & TECHNICAL CERAMICS DIVISION

- INTENSIVE MIXER | MULLER MIXER | SIGMA MIXER
- PLANETARY MIXER | PLOUGHSHARE MIXER | TWIN SHAFT MIXER
- MILL HOUSE | BATCHING PLANT | NEPTUNE MIXER FOR MgC | AMC BRICKS
- RAW MATERIAL BATCHING, WEIGHING & HANDLING SYSTEM
- TAP HOLE CLAY MFG. PLANT | FCP | CCR PLANT EQUIPMENT
- MONOLITHIC / CASTABLE MFG. PLANT | PCPF / LANCE MFG. PLANT EQUIPMENT



HEAVY CLAY DIVISION

- RED CLAY BRICKS/ HOLLOW BLOCKS FROM 100-1000 TONS/DAY
- COMPLETE PLANT WITH ITALIAN TECHNOLOGY
- DRYERS & TUNNEL KILN

OUR BUSINESS PARTNER



NEPTUNE INDUSTRIES LIMITED

6 & 7, VT Industrial Park, Ahmedabad-Mehsana Highway,
Nr. Jagudan Petrol Pump, Ditasan: 382710, MEHSANA (Gujarat).
Contact : Hardik Patel : 96876 95913, Asutosh Pandya : 96876 95918,
Ganesh Dutta : 96876 95930, Tarun Vasistha : 96876 95902
E-mail : info@neptune-india.com, **Web : www.neptune-india.com**

