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Manufacturer & Exporter of Construction Equipments



Create your
concrete world.



DRY MIX MORTAR PLANT



Why our Dry Mix Mortar Plant?

- Output capacity 2TPH-50TPH
- Mixer type- Reversible Mixer, Ribbon Blender, Plough Shear Mixer.
- Loadcell adjustments for accurate weight calibration.
- Highly customised, designed according to the requirement.
- Low mixing time, high productivity.
- Simple and easy to operate control system.
- Layout of equipments according to space availability.

Applications

Block Adhesive, Tile Adhesive, Wall Putty, Ready Mix Plaster, Grout, Water Proofing Mortar, Joint Filler, Brick Laying Mortar, Base Coat Mortar and many more.

Capacity	Supporting Equipments
2TPH- Manual	Bag filling and packing
3TPH- Manual	Sand screening
5TPH- Manual	Sand dryer
8TPH- Manual	Belt conveyor system
15TPH- Automatic	Screw conveyor system
25TPH- Automatic	
30TPH- Automatic	
40TPH- Automatic	
50TPH- Automatic	



DRY MIX MORTAR PLANT (Photo Gallery)



DRY MIX MORTAR PLANT



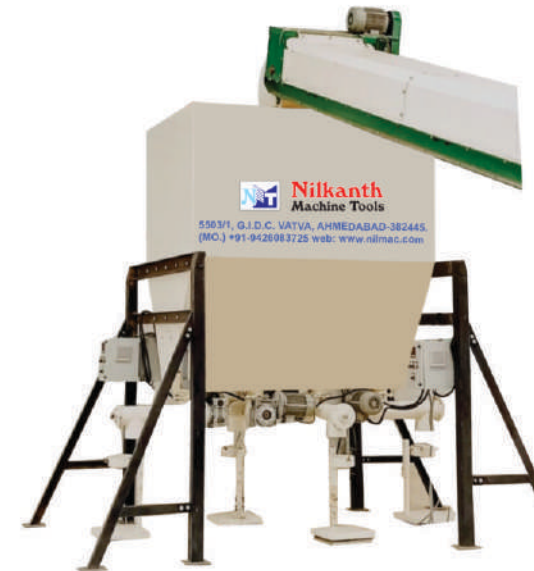
Sand Screening

- Multiple sand sizes output.
- Separate conveyor for different sand size.
- Continuous segregation for high production efficiency.
- Minimal and easy maintenance.



SAND DRYER

Capacity	Fuel Type
1TPH	Diesel/LDO
5TPH	Pallet
10TPH	Natural gas
15TPH	Coal / Wood



Open Mouth Bag Packer

- Multiple discharge points for packer to increase productivity.
- Different weight bag packing.
- Microprocessor-based controller for filling and weighing.
- VFD drive for accurate weighing.
- Economical and speedy production.
- Savings on bag as open mouth bags are less expensive.

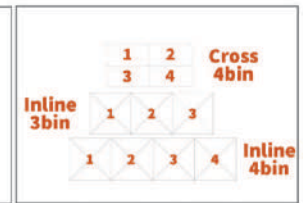
STATIONARY CONCRETE BATCHING PLANT



Cement & Water Weighing System



Cabin for Control Panel



Types of bins layout

Technical Specifications

MODEL	SP-20	SP-25	SP-30	SP-45	SP-60	SP-75
Type	Fix/Stationary	Fix/Stationary	Fix/Stationary	Fix/Stationary	Fix/Stationary	Fix/Stationary
Output Capacity	20 Cu.M/Hr	25 Cu.M/Hr	30 Cu.M/Hr	45 Cu.M/Hr	60 Cu.M/Hr	75 Cu.M/Hr
Storage Hoppers	2/4 X 2.5 M ³ (Each Bins)	2/4 X 2.5 M ³ (Each Bins)	4 x 5 M ³	4 x 10 M ³	4 x 10 M ³	4 x 12 M ³
Mixer	Pan mixer	Pan mixer	Pan mixer	Pan mixer	Pan mixer	Pan mixer
Main Motor	20 H.P	25 H.P	30 H.P	40 H.P	40 H.P	50 H.P
Batch Capacity	0.4 Cu.m / 400 Ltrs.	0.45 Cu.m / 450 Ltrs.	0.5 Cu.M/500 Liters	0.75 Cu.M/750 Liters	1.0 Cu.m/1000 Liters	1.25 Cu.M/1250 Liters
Water Pump	1.5 H.P	2.0 H.P	3.0 H.P	3.0 H.P	5.0 H.P	5.0 H.P
Additive Pump	0.5 H.P	0.5 H.P	0.5 H.P	0.5 H.P	0.5 H.P	0.5 H.P
Cement Silo	1.5 T	1.5 T	1.5 T	2.0 T	2.0 T	3.0 T
Discharge Height	12 Feet	12 Feet	12 Feet	12 Feet	12 Feet	12 Feet
Control Cabin	L7xW5xH6 Feet	L7xW5xH6 Feet.	L7xW5xH6 Feet	L7xW5xH6 Feet	L7xW5xH6 Feet	L7xW5xH6 Feet
Power Required	47 H.P	52 H.P	66 H.P	81 H.P	90 H.P	100 H.P

PAN TYPE COMPACT BATCHING PLANT WITH TM HEIGHT



Technical Specifications

MODEL	CP-20 with TM Height	CP-25 with TM Height	CP-30 with TM Height
Type	Compact	Compact	Compact
Output Capacity	20 Cu.M/Hr	25 Cu.M/Hr	30 Cu.M/Hr
Storage Hoppers	2/4 X 2.5 M ³	2/4 X 2.5 M ³	2/4 x 2.5 M ³
Mixer	Pan mixer	Pan mixer	Pan mixer
Main Motor	20 H.P	25 H.P	30 H.P
Batch Capacity	0.4 Cu.M / 400 Liters.	0.45 Cu.M/450 Liters	0.5 Cu.M/500Liters
Water Pump	1.5 H.P	2.0 H.P	3.0 H.P
Additive Pump	0.5 H.P	0.5 H.P	0.5 H.P
Cement Silo	1.5 T	1.5 T	1.5 T
Discharge Height	12 Feet	12 Feet	12 Feet
Power Required	42 H.P	47.5 H.P	56 H.P



Cement & Water Weighing System



Cabin for Control Panel

PAN TYPE COMPACT BATCHING PLANT



Technical Specifications

MODEL	CP-20	CP-25	CP-30
Type	Compact/Mobile	Compact/Mobile	Compact/Mobile
Output Capacity	20 Cu.M/Hr	25 Cu.M/Hr	30 Cu.M/Hr
Storage Hoppers	2/4 X 2.5 M ³	2/4 X 2.5 M ³	2/4 x 3 M ³
Mixer	Pan mixer	Pan mixer	Pan mixer
Main Motor	20 H.P	25 H.P	30 H.P
Batch Capacity	0.4 CU.M / 400 LTRS.	0.45 CU.M / 450 LTRS.	0.5 Cu.M/500Liters
Water Pump	1.5 H.P	2.0 H.P	3.0 H.P
Additive Pump	0.5 H.P	0.5 H.P	0.5 H.P
Cement Silo	1.5 T	1.5 T	1.5 T
Discharge Height	5 Feet	5 Feet	5 Feet
Power Required	42 H.P	48 H.P	58 H.P

Note : Also Available in 3 Bin Storage.



Direct Concrete Pump Loadout



Cement & Water Weighing System

REVERSIBLE COMPACT CONCRETE BATCHING PLANT



Technical Specifications

MODEL	MRCP18	MRCP-25
Output Capacity	18 Cu.M / HR.	25 Cu.M / HR.
Storage Hoppers	4 x 2.5 M ³	4 x 2.5 M ³
Mixer	Reversible drum type	Reversible drum type
Main Motor	10 H.P	15 H.P
Batch Capacity	0.4 CU.M / 400 LTRS.	0.45 CU.M / 450 LTRS.
Water Pump	1.5 H.P	2.0 H.P
Additive Pump	0.5 H.P	0.5 H.P
Cement Silo	1.5 T	1.5 T
Discharge Height	1.4 M	1.5 M
Tyre Size	7.50 X 16-2 Nos and 10.00X20 – 2 Nos (Optional)	7.50 X 16-2 Nos and 10.00X20 – 2 Nos (Optional)
Over All Dimension	2.4 M (W) X 4.0 M (H) X 10 M (L)	2.4 M (W) X 4.0 M (H) X 10 M (L)
Total Weight	8,500 KGS.	9400 Kgs
Power Required	26.0 H.P	31 H.P



CEMENT / FLY ASH SILO



Technical Specifications

Description	Silo 40 Tones	Silo 60 Tones	Silo 100 Tones	Silo 150 Tones	Silo 200 Tones
Material	Mild Steel	Mild Steel	Mild Steel	Mild Steel	Mild Steel
Shell Plate	4/5mm	4/5mm	4/5mm	5mm	6mm
Bottom plate	5mm	5mm	6mm	6mm	8mm
Leg Pipe	220 dia X 3mm	220 dia X 4 mm	220 dia X 5mm	220 dia X 5mm	260 dia X 5mm
Dia of silo	2500mm	3500mm	3500mm	4000mm	4000mm
Height of silo	5500mm	9800mm	11800mm	12800mm	14500mm
Discharge height	1750mm	1750mm	1750mm	1750mm	1750mm
Top man hole	Provided	Provided	Provided	Provided	Provided
Ladder & Railing	Provided	Provided	Provided	Provided	Provided

Technical Specifications for Bulker Unloading System as Under

Model	Unit	NMT-20
Capacity	M3/Hr	800-850
Pressure	Kg/Cm2	0.8 to 0.9
M/c Speed	RPM	2127
Type	-	Twin lobe, Roots blower
Electric Motor	HP/RPM	50/1450



FLY ASH BRICK MACHINE

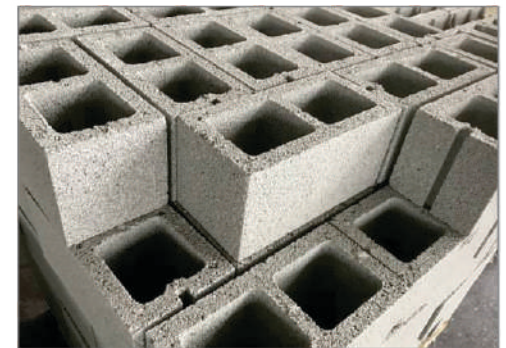


Technical Specifications

Model No.	8 Brick / Stroke	12 Brick / Stroke	18 Brick / Stroke
Production Capacity/Hr	1500	2200	3200
Standard Brick Size	230 x 100 x 75	230 x 100 x 75	230 x 100 x 75
Pressing Capacity	150 MT Max	180 MT Max	220 MT Max
Pan Mixer	300 Kg X 2 Nos	500 Kg X 2 Nos	800 Kg X 2 Nos
Hydraulic Oil Qty	350 Ltr.	400 Ltr.	410 Ltr.
Control Panel	PLC Base	PLC Base	PLC Base
Pallet Size	600 x 600 x 18	830 x 610 x 25	830 x 830 x 32
Power Required	36 H.P	45 H.P	73 H.P



CONCRETE BRICK AND BLOCK MAKING MACHINE



Technical Specifications

MODEL	BRICK / STROKE	PRODUCTION / HOUR	MIXER CAPACITY	PALLETS SIZE	OIL TANK CAPACITY	TOTAL POWER
6V	6	1200	400 KG X 1	610 X 410 X 19	300 Ltr.	22 H.P
8V	8	1600	300 KG X 2	610 X 610 X 19	400 Ltr.	30 H.P
10V	10	2100	400 KG X 2	610 X 710 X 25	450 Ltr.	40 H.P
14V	14	2500	500 KG X 2	610 X 950 X 25	500 Ltr.	46 H.P
21V	21	3700	700 KG X 2	850 X 950 X 30	550 Ltr.	64 H.P

MANUAL CONCRETE BRICK AND BLOCK MAKING MACHINE



Colour & Concrete Mixer With Vibrating Table For Manual Concrete/Paver Block Making Assembly



REVERSIBLE CONCRETE MIXER



Technical Specifications

Model No.	RCM-800	RCM-1050
Drum Capacity	900 Kgs	1400 Kgs
Batch Capacity	800 Kgs	1050 Kgs
Output Capacity	10 Cu.M/hr	12 Cu.M/hr
Mixer motor	10 H.P	12 H.P
Water Pump	0.5 H.P	1 H.P
Hopper Vibrator	0.25 H.P	0.25 H.P
Weighing System	Electronic – Digital display	Electronic – Digital display
Discharge Height	1400 mm	1500 mm
Drum Thickness	5 mm	5 mm
Hydraulic Pump	Dauty make gear pump	Dauty make gear pump
Water feeding	Timer based	Timer based
Total power	11 H.P	13 H.P
Weight (Approx)	2300 Kgs.	3500 Kgs.

Three Bins Automatic Feeding System

Technical Specifications	
Hopper capacity	1.5 Cu.M Each X 3 Bins = Total 4.5 Cu.M
Discharge gate	3 Nos Pneumatic.
Air Compressor	2 H.P
Hopper Vibrator	0.25 HP For sand hopper.
Weight	2000 Kgs.
Electric Panel	To synchronize with mixer
Printing comp ability	Optional

MINI CRANE



Mini Crane 300 kg



Mini Crane 200 kg



Technical Specifications

MODEL	Unit	MC-200	MC-300
Capacity	Kg	200	300
Height	Feet	100	100
Boom Length	Feet	5	5
Electric Mover	H.P	1.5	3
Rotation	Degree	360	360
Wire rope	mm	6	8
Bucket capacity	Liter	85	140
Folding	-	Yes	Yes

About Us

Started with the small workshop back in 1990's to the height we're today, it's been a long and rewarding journey since 1990's fulfilling expectations and gaining respect in eyes our valued customers. We are the manufacturer of the construction machinery with the experience of more than 3 decades. With an aim and dedication to provide our customers with the advanced as well as efficient products for better tomorrow. Here at Nilkanth Machine Tools only answer to your difficulty we have is the solution.

UNIQUE FEATURES



Easy
Transportation



Easy And Fast
Installation



Less Land Area
Requires



Easy Maintenance
Low Operation Cost



Short
cycle time



Less Man Power
Requires



Less Foundation
Requires



Easy
Control Panel

Why Nilkanth Machine Tools?



Quality



Fast Service



Sustainability



Fast Spares Delivery



Persistence



Trust



Advance Technology



24 X 7 Support

PIONEER IN DELIVERING SOLUTIONS SINCE 1994



Nilkanth
Machine Tools

5503/1, GIDC Vatva, Nr Trikampura Cross Road, Phase - IV, Vatva,
Ahmedabad - 382445, Gujarat, India.

Phone : +91-79-40085209, Mobile : +91-94260 83725, +91-97244 52725

E-mail: info@nilmac.com, v2nmt@yahoo.com, Web: www.nilmac.com



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