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TERRA MAKE HORIZONTAL STATIONARY CONCRETE BATCHING PLANT

Technical Specification

| Model | Terra 0.35 | Terra 0.50 | Terra 0.75 | Terra 1.0 | Terra 1.25 | Terra 2.0 | Terra 3.0 |
|-------------------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| Output capacity | 20 M ³ / Hr. | 30 M ³ / Hr. | 45 M ³ / Hr. | 60 M ³ / Hr. | 75 M ³ / Hr. | 90 M ³ / Hr. | 120 M ³ / Hr. |
| Mixer unit | Turbo pan type mixer/ twin shaft mixer | | | | | | |
| Main mixer reduction gear box | Imported planetary reduction gear box | | | | | | |
| Main drive/ electrical motor | 20 HP | 30 HP | 40 HP | 50 HP | 60 HP | 50 HPx2 nos | 75 HPx2 nos |
| Material storage unit | 2x2 cross bin | | In line four bin feeder | | | | |
| Material storage capacity | 20 M ³ | 30 M ³ | 40 M ³ | 60 M ³ | 60 M ³ | 90 M ³ | 100 M ³ |
| Material weighing system | Digital load cell based weighing of material | | | | | | |
| Batch feeding system | Through inclined belt conveyor/inclined skip bucket | | | | | | |
| Cement feeding system | Through screw conveyor | | | | | | |
| Water weighing system | Digital load cell based weighing of water in separate tank | | | | | | |
| Ad mixture dozing system | Digital load cell based auto admixture dozing system | | | | | | |
| Control panel | Fully automatic PLC based control panel | | | | | | |
| Control cabin | Provided | | | | | | |
| Concrete discharge height from G.I. | 4.0 meter from the ground level | | | | | | |
| Total connected power (HP) | 52 HP | 74 HP | 87 HP | 120 HP | 145 HP | 200 HP | 275 HP |
| Suggested DG Set | 62 KVA | 82 KVA | 125 KVA | 160 KVA | 200 KVA | 300 KVA | 400 KVA |

Colors Available



Optional Accessories

- Computer SCADA system and software
- Cement storage silos
- Fly ash feeding system and storage silos
- Moisture controlling system
- Water chilling plant arrangement





TERRA MAKE COMPACT STATIONARY CONCRETE BATCHING PLANT

TSC SERIES

Technical Specification

| Model | TSC 20 | TSC 25 | TSC 30 | TSC 45 | TSC 60 |
|---------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|
| Output capacity | 20 M ³ / Hr. | 25 M ³ / Hr. | 30 M ³ / Hr. | 45 M ³ / Hr. | 60 M ³ / Hr. |
| Plant assembly | Whole assembly on single chassis | | | | |
| Mixer type | Turbo pan type mixer/ twin shaft mixer | | | | |
| Main reduction gear | Imported Planetary gear box | | | | |
| Main mixer drive | 20 HP | 25 HP | 30 HP | 40 HP | 50 HP |
| Material storage system | 2 x 2 cross bin feeder | | | | |
| Material storage capacity | 14 M ³ | 14 M ³ | 20 M ³ | 25 M ³ | 30 M ³ |
| Material weighing system | Digital load cell based weighing system | | | | |
| Material feeding system | Through inclined belt conveyor | | | | |
| Cement feeding system | Through inclined screw conveyor | | | | |
| Water weighing system | Digital load cell based weighing of water in separate tank | | | | |
| Admixture dozing system | Digital load cell based auto admixture dozing system | | | | |
| Control panel | Fully automatic PLC based control panel | | | | |
| Control cabin | Provided | | | | |
| Concrete discharge height | 4.2 meter from ground level | | | | |
| Total connected power | 48 HP | 53 HP | 63 HP | 77 HP | 98 HP |
| Suggested DG Set | 62 KVA | 62 KVA | 82 KVA | 100 KVA | 125 KVA |

Colors Available



Optional Accessories

- Computer SCADA system and software
- Cement storage silos
- Fly ash feeding system and storage silos
- Material feeding conveyor
- Fabricated skid





TERRA MAKE MOBILE CONCRETE BATCHING PLANT

TFP SERIES

Technical Specification

| Model | TFP 20 | TFP 25 | TFP 30 | TFP 45 |
|---------------------------|--|-------------------------|-------------------------|-------------------------|
| Output capacity | 20 M ³ / Hr. | 25 M ³ / Hr. | 30 M ³ / Hr. | 45 M ³ / Hr. |
| Plant Assembly | Whole plant assembly is on wheel mounted single chassis | | | |
| Mixer type | Pan type mixer/ Planetary mixer/ Twin Shaft mixer | | | |
| Main mixer drive | 20 HP | 25 HP | 30 HP | 40 HP |
| Material storage system | 2 x 2 cross bin feeder | | | |
| Material storage capacity | 12 M ³ | 12 M ³ | 14 M ³ | 20 M ³ |
| Material weighing system | Digital load cell based weighing of aggregates, cement, water and additive | | | |
| Cement feeding system | Through inclined Screw conveyor | | | |
| Mobility arrangement | Provided along with tow bar facility | | | |
| Control panel | PLC based control panel with internal cabling | | | |
| Total connected power | 45 HP | 50 HP | 58 HP | 79 HP |
| Suggested DG Set | 50 KVA | 62 KVA | 82 KVA | 100 KVA |
| Concrete discharge height | 2.1 Meter from the ground level | | | |

Colors Available



Optional Accessories

- Scada software with computer
- Fly ash / GGBS feeding system
- Storage silos
- Prefab cabin for control panel





TERRA MAKE MOBILE CONCRETE BATCHING PLANT

TMP SERIES

Technical Specification

| Model | TMP 15 | TMP 18 | TMP 20 | TMP 30 |
|---------------------------|--|------------------------|------------------------|------------------------|
| Output capacity | 15 M ³ /Hr. | 18 M ³ /Hr. | 20 M ³ /Hr. | 30 M ³ /Hr. |
| Plant assembly | Whole plant assembly on single chassis | | | |
| Mixer type | Turbo pan type mixer with spring backed arms | | | |
| Material storage capacity | 10 M ³ | 10 M ³ | 12 M ³ | 12 M ³ |
| Material weighing system | Digital load cell based weighing of Aggregates, cement, water separately | | | |
| Cement feeding system | Through inclined screw conveyor | | | |
| Mobility Arrangement | Provided along with tow bar facility | | | |
| Total connected power | 30 HP | 35 HP | 40 HP | 45 HP |
| Suggested D.G. set | 40 KVA | 40 KVA | 50 KVA | 62 KVA |
| Concrete discharge height | 1 meter from Ground level | | | |

Colors Available



Optional Accessories

- Scada software with computer
- Fly ash / GGBS feeding system
- Storage silos
- Prefab cabin for control panel





TERRA MAKE MOBILE CONCRETE BATCHING PLANT WITH REVERSIBLE DRUM TYPE MIXER

TRM SERIES

Technical Specification

| Model | TRM 15 | TRM 20 | TRM 30 |
|-----------------------------|---|-------------------------|-------------------------|
| Output capacity | 15 M ³ / Hr. | 20 M ³ / Hr. | 30 M ³ / Hr. |
| Material storage capacity | 10 M ³ | 12 M ³ | 14 M ³ |
| Mixing and Discharge system | Forward rotation of drum mixes the material and reverse rotation of drum discharges the concrete. | | |
| Material weighing system | Digital load cell based weighing of aggregates | | |
| Cement feeding system | Through inclined screw conveyor | | |
| Water feeding system | Timer based accurate water feeding system | | |
| Control panel | Fully automatic PLC based control panel | | |
| Pneumatic wheels | 2 nos | 2 nos | 4 nos |
| Water tank capacity | 200 litres | 250 litres | 300 litres |
| Total connected power | 25 HP | 30 HP | 43 HP |
| Suggested DG Set | 40 KVA | 50 KVA | 62 KVA |
| Concrete discharge height | 1.2 meter from GL | 1.5 meter from GL | 1.7 meter from GL |

Colors Available



Optional Accessories

- Prefab cabin for control panel
- Fly ash / GGBS feeding system
- Storage silos
- Scada software with computer





TERRA MAKE MINI MOBILE BATCHING MACHINE

TMB SERIES

Technical Specification

| Model | TMB 550 E | TMB 800 E | TMB 1050 E | TMB 1400 E |
|----------------------------------|---|----------------------|----------------------|----------------------|
| Output capacity/ Hour | 8-10 M ³ | 10-12 M ³ | 12-15 M ³ | 15-17 M ³ |
| Mixer type | Reversible drum type mixer | | | |
| Mixing and discharge of concrete | Forward rotation of the drum mix the material and reverse rotation of the drum discharge the concrete | | | |
| Main drive of the mixer | 10 HP | 10 HP | 15 HP | 20 HP |
| Material weighing system | Digital load cell based weighing of the material in each bin | | | |
| Water tank capacity | 150 litre | 200 litre | 250 litre | 300 litre |
| Water feeding system | Flow rate based accurate water feeding system | | | |
| Pneumatic tyres | 4 no | 4 no | 4 no | 4 no |
| Hydraulic tank capacity | 40 litre | 40 litre | 60 litre | 90 litre |
| Centralized lubrication system | Inbuilt centralized lubrication system | | | |
| Tow bar facility | Yes | Yes | Yes | Yes |
| Control panel | Micro processor based control panel | | | |
| Total connected power | 12.5 HP | 12.5 HP | 17.5 HP | 23 HP |
| Suggested DG set | 25 KVA | 25 KVA | 30 KVA | 40 KVA |

Colors Available



Optional Accessories

- Printing facility
- Auto admixture dosing system
- Single/two/three bin system





HORIZONTAL CEMENT/ FLY ASH STORAGE SILO

Key features of the horizontal storage silo

- Comes in storage capacity of 40 MT/60 MT and 80 MT
- No requirement of heavy civil foundation works
- Easy to erect and commission at site and easy to shift.
- No cement Go down required at site.
- Client can store loose as well as bag cement in this horizontal silo.
- No wastage of cement due to leak proof design.
- We also provide below listed silo accessories along with this horizontal silo
 1. Top mounted dust collector
 2. Paddle type level indicators
 3. Vibro motors
 4. Horizontal screw conveyer
 5. Pneumatic bulk cement unloading system
 6. Silo control panel with all indicators
 7. Pressure safety relief valve
- Helps you to achieve Pollution free handling of cement at site.
- Easy to shift and reinstall as the horizontal silo comes with skid mounted design.



+91 98251 96407
+91 99049 76234



terraequipment@gmail.com
www.terraequipment.net



H.O. :- Survey No.231, Opp. Lilaba Weigh
Bridge, Near Iscon Circle,
Village : Dediyan, Mehsana, Gujarat, India.



VERTICAL CEMENT/FLY ASH STORAGE SILO AND FEEDING SYSTEM

Key features of the Vertical storage silo

- Storage silos can be used to store Cement, Fly ash and GGBS as per the requirement of the clients.
- Storage silo comes in various capacities like 50 MT, 65 MT, 100 MT and 150 MT storage capacities.
- We also provide silo accessories like
 1. Paddle type Level indicators
 2. Top/Bottom mounted Dust collectors
 3. Pressure safety relief valves
 4. Fluidization nozzles
 5. Bin Aerators
 6. Twin lobe blowers for bulker unloading
 7. Manual bag feeding system (Debagging Unit)

Colors Available

