

CONCRETE BATCHING PLANT

CP 30 / IP 30 / IP 60 / IP 60 +



- ✓ Rigid Structural Design
- ✓ Premium Drive systems
- ✓ Advanced SCADA

- ✓ Fully Automatic Batching
-100+ Programs
- ✓ Less Maintenance
- ✓ Customized Plant Layouts



**KANDHAN
EQUIPMENTS**

Passion For Engineering

———— www.kandhanequipments.com ————

Who We Are:

Kandhan Equipments started in 2023 with a vision to serve the construction industry with the best technology at affordable cost. We at Kandhan Equipments create, motivate and empower people to do their day to day job with a real “passion for engineering”.

Our products are completely designed and manufactured in India with very few imported parts.

Concrete Batching Plants & Its Solutions:

Our range of Concrete batching plants such as CP 30, IP 30, IP 60 and IP 60 + are capable to meet the various concrete production demands of Building Projects, Bridge Projects and Ready Mix Concrete supply. We guarantee you not only the products, but also provide relevant solution in the Concrete Batching. Simply you can call us a "Solution Provider". Our design integration method ensures the plant life more durable under harsh working condition and achieves concrete homogeneity in set time.





Concrete Batching Plants

TECHNICAL SPECIFICATIONS

| Description | Parameters (CP30) | Parameters (IP30) | Parameters (IP60) |
|-------------------------------------|----------------------|----------------------|----------------------|
| Mixer | Pan/TS | Pan/TS | TS |
| Mixer Capacity | 0.5 m ³ | 0.5 m ³ | 1m ³ |
| Aggregate Storage | 4 Quad Bins | 4 InlineBins | 4 InlineBins |
| Aggregate Weighing | Conveyor | Conveyor | Conveyor |
| Aggregate Capacity per bin | 5 m ³ | 7.5 m ³ | 10 m ³ |
| Maximum size of Aggregates | 40 mm | 40 mm | 40 mm |
| Theoretical Output | 30m ³ /hr | 30m ³ /hr | 60m ³ /hr |
| Discharge Height | 4m | 4m | 4m |
| Maximum Aggregate Weighing | 1250 Kg | 1250 Kg | 2000 Kg |
| Maximum Cement Weighing | 250 Kg | 250 Kg | 600 Kg |
| Maximum Water Weighing | 150 Kg | 150 Kg | 300 Kg |
| Operating Voltage & Frequency | 415 V ± 10 V , 50 Hz | 415 V ± 10 V , 50 Hz | 415 V ± 10 V , 50 Hz |
| Cement/Filler Weighing System | Yes | Yes | Yes |
| Water Weighing System | Yes | Yes | Yes |
| Admixture Weighing System | Yes | Yes | Yes |
| Screw Conveyor for Cement (168/219) | OPTIONAL | OPTIONAL | OPTIONAL |
| Control system | SCADA based | SCADA based | SCADA based |
| IoT - Smart Monitoring | OPTIONAL | OPTIONAL | OPTIONAL |

* IP 60 + specifications includes IP 60 with waiting hopper structure. Theoretical Output is 65 m³/hour.





Pan Mixer

- Ensures the quality
- Good discharge system
- Guaranteed motor Capacity and reduction gear box
- Industrial-Friendlier



Control System

- SCADA based control system
- Fully Automatic Microprocessor, PLC based



Cement-Silo Feeding System

- High Quality of Blower and Pumping system is provided
- System ensures the passing of the material (Cement/Fly Ash) in safe



Twin Shaft Mixer

- Advanced system of Mixer
- Best in class mixer
- Fast Discharge system
- Guaranteed motor capacity and reduction gear box
- Auto-Lubricated system



Inline Storage Bin

- Made of rigid frame structures
- Built with conveyor system
- Expanded storage capacity
- Controlled discharge system
- Provision of Four Bins



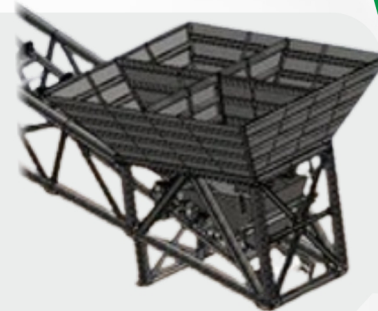
Screw Conveyor

- Available at different sizes
- Guaranteed motor capacity



Compact Storage Bin

- Made of Rigid frame structure
- Expanded storage capacity
- Controlled discharge system



Ad-mixture Hopper

- Expanded Capacity
- High-Durability



Control Cabin

- Spacious for the operation
- Positioned at high visibility and easy approach
- Hard ply floor



Dust-collector

- Ground Mounted for easy maintenance
- High-Durability



Hopper

- Bigger capacity of hopper is provided to store the materials
- Conical in shape for the free flow of materials



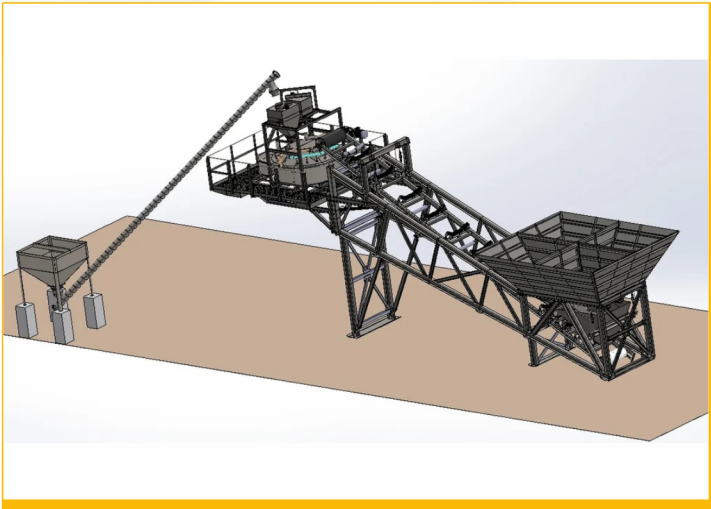
Weighing System

- Approved load cells & weighing system
- All ingredients are weighed while batching system
- Reliable Weighing system
- Expanded Weighing capacity



Compact, Inline - Compact and Inline Bin Options

Quad bin - single conveyor system
(compact plant - CP)



Inline bin - Conveyor - Conveyor system



Inline Bin, Conveyor - Conveyor System
with Waiting Hopper



Transportation - Compact Plant in a Single
Trailer



SCAN ME



Kandhan Equipments Private Limited

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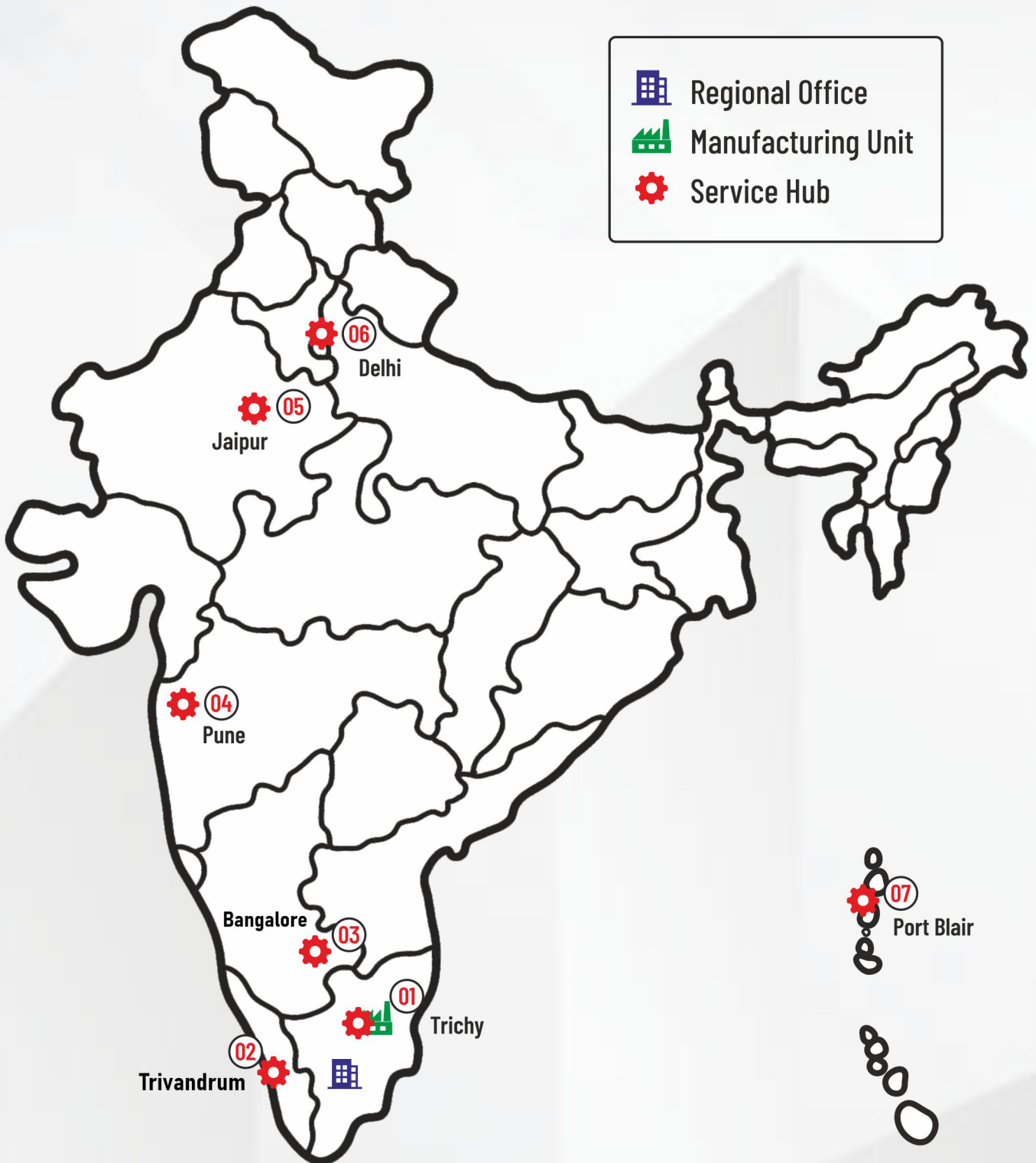
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Sales No. : 89 25 055 077 | Kandhan Equipments Private Limited

KE-CP-2024



Technical Support Locations



For more Technical Support our well-experienced Sales & Service teams are available at Service Hubs.

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No:2, SIDCO Industrial Area, Thuvakudi, Trichy-620 015.

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