

Use The Machinery Of
AASPA EQUIPMENT
Pave The Way To Success

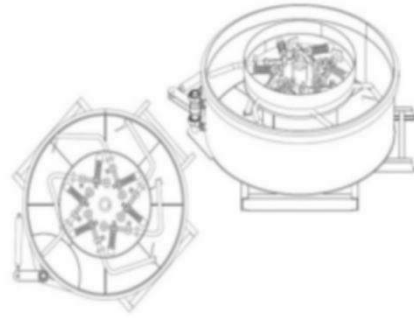


COMPACT CONCRETE BATCHING PLANT

TECHNICAL SPECIFICATIONS

MODEL	Cp20	Cp25	Cp30	Cp45	Cp60
Output Capacity	20m/hr.	25m/hr.	30m/hr.	45m/hr.	60m/hr.
Mixer Type	Turbo Pan Type Mixer/twin Shaft Mixer				
Main Mixer Drive	20 Hp	25 Hp	30 Hp	40 Hp	60 Hp
Material Storage System	2 X 2 Cross Bin Feeder				
Material Storage Capacity	14 M	14 M	20 M	25 M	30 M
Material Weighting System	Digital Load Cell Based Separate Weighting Of Aggregate, Cement, Water And Additive				
Material Feeding System	Through Inclined Belt Conveyor				
Control Panel	Fully Automatic Plc Bases Control Panel				
Concrete Discharge Height	Solvent tank/water tank/drum filling machine				
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

Pan Type Mixer:



The Mixer is mainly responsible for good quality concrete, on this way we construct our own energetic mixer. In this mixer all the ingredients are mixed and removed in circles, obtaining a homogeneous mixer. It moves and revolves with the arms, absorbing the shocks that are produced through the coupling spring incorporated that regulate the position and slope angle of the paddles, to obtain the work with minimal power consumption. Mixer having replaceable hard liner tiles on shall and bottom. Mixer's top cover can be folded for cleaning of mixer.



AASPA is the single source supplier of turnkey Concrete Botching and Mixing plant solutions. With decades of experience in the industry. we have numerous installations of various capacities to our credit. We are renowned for offering you with everything that is needed to run the very heart of your business. In order to produce the highest quality concrete required as well as on site concrete plants for the construction of large civil projects such as roads. bridges. ports. dams. runaways, buildings, tunnels. etc.. AASPA solutions are designed to confer maximum flexibility by giving your plant the ideal combination of engineered and proven components. AASPA introduces ACP Model. especially designed for the production of concrete at sites where the quality, flexibility and performance are key features to consider. The flexibility of this plant begins in the different arrangements available. Four types of mixer models can be selected with a broad range of models: Single Shaft Mixer, Twin Shaft Mixer, PAN type Mixer and Planetary Mixer. The main advantage of this plant is that it doesn't require large foundations and others civil constructions. The time and money can be saved by easy transportation, assemble and disassemble when plant is shifting from one site to another site. The constitution of the plant is made in welded construction of steel profiles. The complete structure is shot blasted before the primary coat of paint being implemented. There are two coats of paint applied. Including elements like stairs, balconies, pavements, discharge mouths of the aggregates bins to resist to the attacks of the weather situations. It's easy to disassemble, transport and assemble again. In one week we assemble your plant in a new site producing concrete, saving you time and money.

TRANSPORTATION



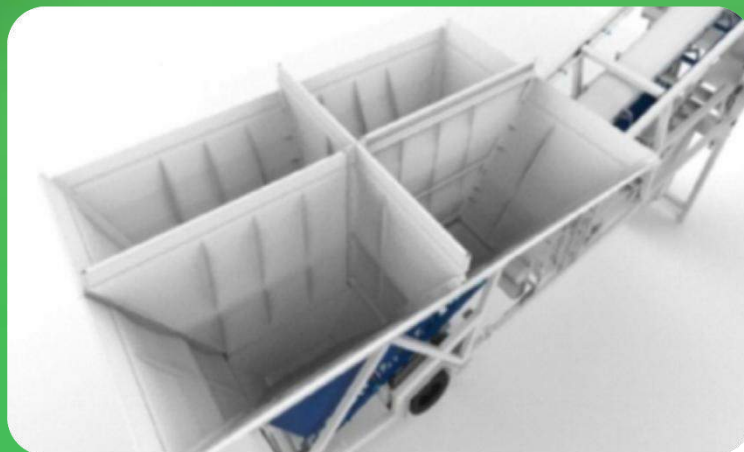
Aggregate Weighing Conveyor:

Aggregate weighing conveyor has chevron type belt and It Is suspended on 4 nos. load cell for accurate weighing system. Weighing conveyor is driven by two gear motors which are directly mounted on both end of drive drum with inbuilt hold back facility. Weighing hopper is made from mild steel suitable to heavy working conditions for longtime with mechanical separators. Aggregate, Cement, Water & Additive Weigher Aggregate weighing conveyor has chevron type belt and It Is suspended on 4 nos. load cell for accurate weighing system. Weighing conveyor is driven by two gear motors which are directly mounted on both end of drive drum with inbuilt hold back facility. Weighing hopper is made from mild steel suitable to heavy working conditions for long time with mechanical separators.



Aggregate Storage Bin:

The aggregate storage bins made from mild steel sheet. The aggregate bins have in cross layout. The installation of aggregate storage bins is very user friendly as the construction process and the extension of the pre assembly reduce the installation time of the plant at site. The aggregate storage bins are broadened to facilitate the loading process by loader. The discharge window of aggregate bins opened through pneumatic cylinders.



CONTROL PANEL



- The system combines the power of a PLC and dedicated Weighing Modules to provide reliable and accurate control.
- The system can handle up to 4 scales or more; with up to 5 Aggregates, up to 4 Cements. Water & up to 2 Admixtures, being accurately Batched on 'weight' basis. The system is capable of handling multi-scale, multi-ingredient Batching & Mixing operation. With All necessary Interlocking, Timing, Alarm generation, Event-logging. Recipe & Report generation facility.
- Software calibration for all scales with password protection.
- The system has Touch Screen display with 3 Serial communication ports & 2 USB port.
- High speed sampling ensures batch to batch accuracy.
- All necessary Interlocks are programmed within the system to allow parallel batching and Mixing Operations.
- Variety of features Incorporated In the system ensures easy and fault free plant operation.
- The Manual Desk is equipped with Push buttons, indications and change over switches. Each device in the plant can be operated manually completely by- passing the AUTO system.

Rotary Chute Conveyor:

The rotary chute conveyor has Chevron belt with MS angle heavy duty frame structure. The conveyor has elevated wire rope with integrated plant form rolling for easy maintenance. The conveyor is driven by shaft mounted gear reducer with inbuilt hold back facility. The fabricated hopper of 8 mm MS Plate is being supplied with vibrator.



The Twin-shaft Mixer:

The Twin-shaft Mixer offers among the most advanced mixing solution, capable of handling from high to zero slump concrete. The twin shaft system mixing consisting two horizontal shafts with arms and paddles moving in counter current, Counter rotating mixing arms and paddle creates a spiral shaped vertical and horizontal mix direction, which has ensures to make three dimensional mixing. The twin shaft mixer is the best to make any kind of concrete by a hydraulically operated gate, which is assembled through the length of the mixer vat for fast and complete discharge.



Aggregate, Cement, water, additive weigher:

Aggregate weighing conveyor has chevron type belt and it is suspended on 4 nos. accurate weighing system. Weighing conveyor is driven by two gear motors which are mounted on both ends of drive drum with inbuilt hold back facility. Weighing hopper mild steel suitable to heavy working conditions for long time with mechanical separator. Cement, Water & Additive Weigher Aggregate weighing conveyor has chevron type suspended on 4 nos. load cell for accurate weighing system. Weighing conveyor is driven by two motors which are directly mounted on both ends of drive drum with inbuilt hold. Weighing hopper is made from mild steel suitable to heavy working conditions for all mechanical separators. Aggregate Storage Bin



ACP Concrete sching Plant Available in 20 to 60 m³/hr. capacity

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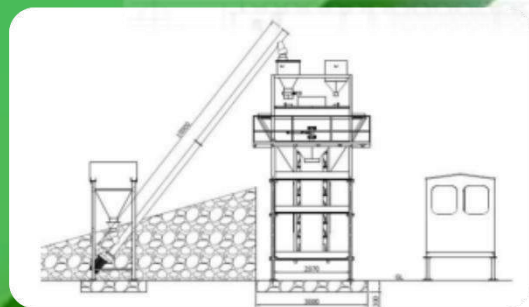
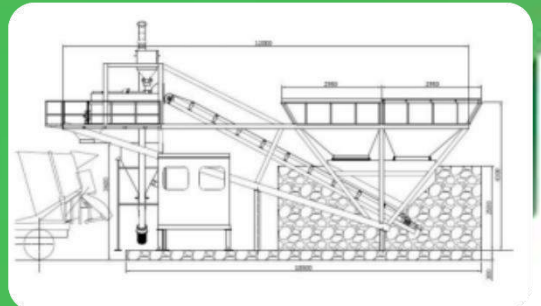
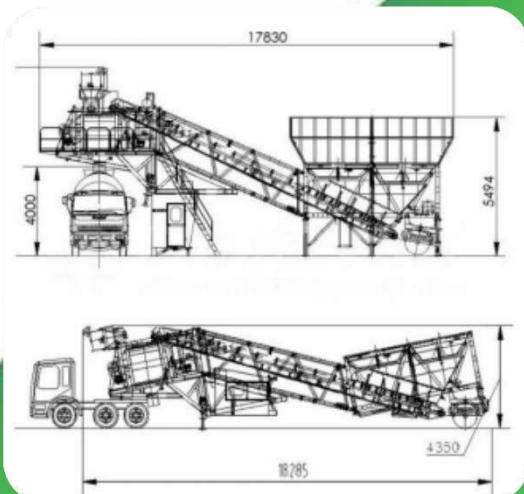
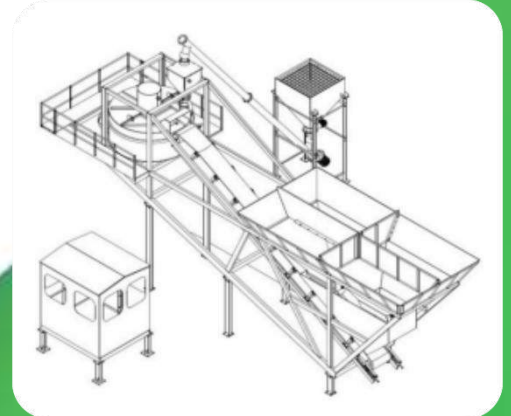
Optional

- Computer SCADA system and software
- Cement storage silos
- Fly ash feeding system and storage silos
- Material feeding conveyor
- Fabricated skid
- Bin hopper
- Weighing Conveyor
- Twin Shaft/Single Shaft/ Pan Mixer/Planetary Mixer
- Cement Hopper
- Water Hopper
- Operator Cabin
- Rotary Chute Conveyor Belt
- Skid



Salient Features

- Compact and economically designed.
 - Heavy duty Structure.
 - Longer life of wear & tear parts
- In-built control cabin not as an optional.
- Especially quick erection & commissioning.
 - Inbuilt pipeline of water, additive and pneumatic.
 - Tilting type control cabin for easy transportation.
 - One operator can run the plant.
- Single Shaft and Planetary Mixer available on request.



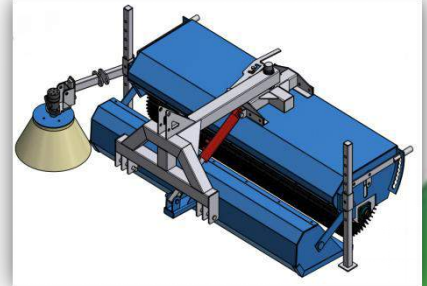
OUR EQUIPMENTS



ASPHALT PAVER



ASPHALT DRUM MIX PLANT



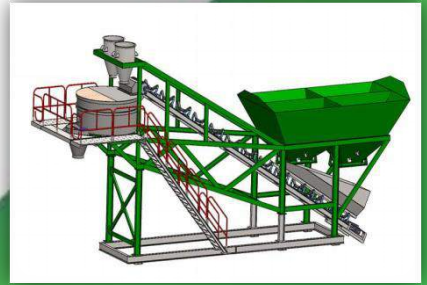
ROAD SWEEPER MACHINE



KERB PAVER MACHINE 1000



KERB PAVER MACHINE 100



COMPACT CONCRETE BATCHING PLANT



ASPHALT BATCH MIX PLANT



STATIONARY CONCRETE BATCHING PLANT



COUNTER FLOW DRUM MIX PLANT



HORIZONTAL STOREGE SILO



BITUMEN DRUM DECANDER



KERB CUTTING MACHINE

OUR EQUIPMENTS



**DUST
CONDITIONER**



**WASTE COMPOST
MACHINE**



**SEGRIGATION
COMPOST MACHINE**



**REVERSIBLE
BATCHING PLANT**



**BITUMEN
EMULSION PLANT**



**WET MIX MACADAM
PLANT/DLC PLANT**



**COAL FIRED
BURNER**



**AASPA POTHOLE PATCHER
WORKING PROCESS**



**MOBILE CONCRETE
BATCHING PLANT**



**BITUMEN PRESSURE
DISTRIBUTOR**



**BITUMEN EMULSION
SPAREYER**



**FULLY AUTOMATIC
ROAD MARKING
MACHINE**

OUR EXPORTS



GET IN TOUCH



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