

Use The Machinery Of
AASPA EQUIPMENT
Pave The Way To Success



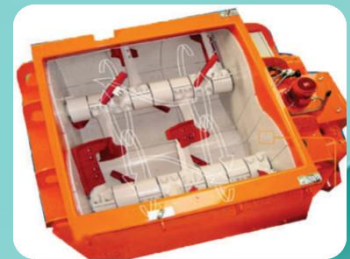
STATIONARY CONCRETE BATCHING PLANT



AASPA is a single source supplier of turnkey concrete batching and mixing plant solutions. With decades of experience and numerous installations of various capacities, we provide you with everything needed to run the very heart of your business to produce the highest quality product possible. We specialize in projects where consistent, superior quality concrete is required as well as on site concrete plants for the construction of large civil projects such as roads, bridges, ports, dams, runways, buildings, tunnels etc. AASPA solutions are designed to provide maximum flexibility by giving your plant the ideal combination of engineered and proven components. We back our projects and solutions with extensive support, from comprehensive training of your operator staff once installation is complete, to ongoing maintenance support and advice. By combining our highly engineered skills, reliable control technology and a commitment to turnkey solutions we can get your project running with less hassle and in less time.

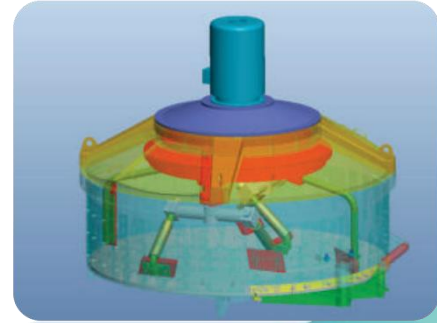
Twin Shaft Mixer

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



Planetary Mixer

This mixer Produce quality concrete with high homogeneity in a very short time. The whole mixer is powered and controlled with a hard surface gear box so, it provides a stable driving. This may cause the planetary mixer one of the best machines to blend concrete out there. This mixer has an extremely high efficiency, attributed through the mixing arms that move on a sophisticated track. The gear box ideally controls these arms. These unique structures offer more efficiency than other machines with regards to concrete mixing. The mixing blades from the planetary mixer comprise of various categories of mixing arms and so ensures great performance. These arms cover the whole mixing area. And also this guarantees complete and proper mixing process. The structure from the planetary mixer is uniquely designed. and also this reduced the necessity for maintenance while increasing performance capability. This mixer ideally presents various discharging styles including



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 upto 5 Aggregates, upto 4 Cements, Water & upto 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.





AGGREGATE STORAGE BINS

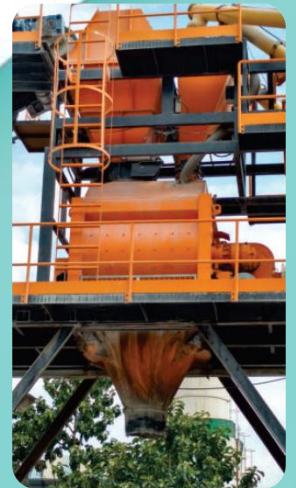
The aggregate storage bins made from mild steel sheet. The installation of aggregate storage bins very user friendly, as the construction process and the extension of the pre-assembly reduce the installation time of the plant at site. The aggregate storage bins are broaden to facilitate the loading process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

Aggregate Weighing Hopper, Water Cement & Additive Weigher

Water and cement hopper mounted on independent modular frame structure and weightment can be done by individual electronic load cells.

WEIGHING CONVEYOR

The conveyor belt and the partitioned weighing hopper are suspended on 6 Nos. of Electronic load Cells for accurate weighing. Weighing conveyor is Driven via Direct drive of powerful gear motor and having subsequent support of idler roller

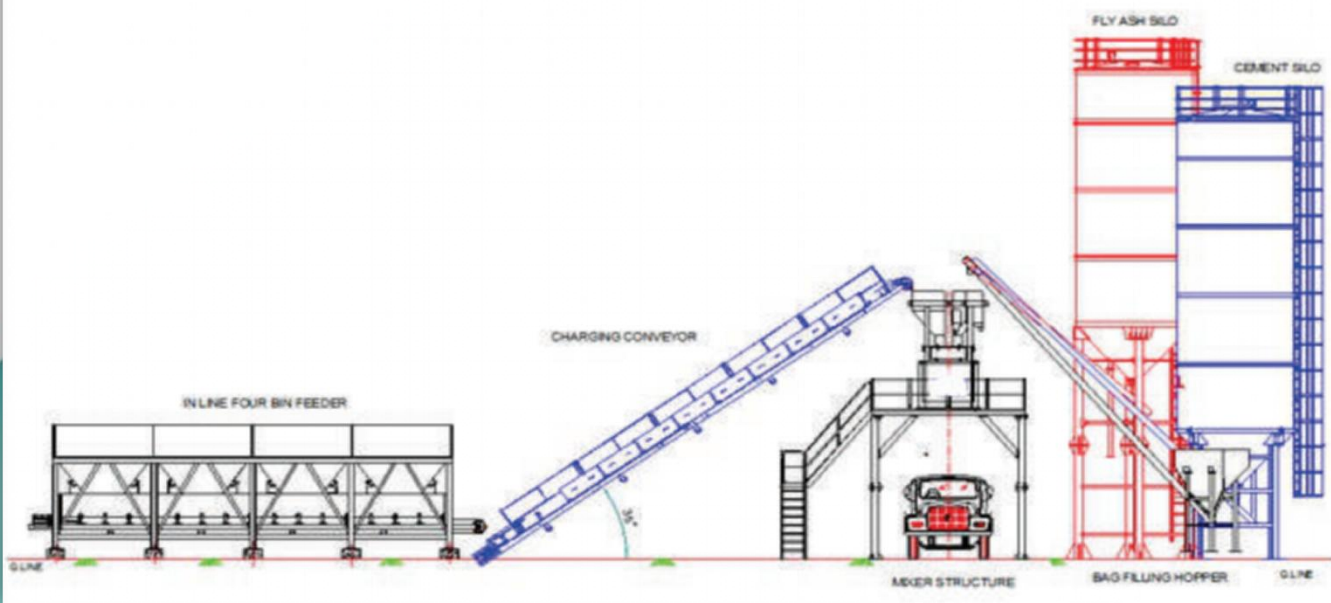


ELEVATING CONVEYOR

‘V’ shape embossed rubber belt conveyor with an integrated platform and railing to easy maintenanse and cleaning, conveyor transmitted via direct of geared motor.

AUTOMATIC GREASING SYSTEM

Mixer Consisting automatic greasing system for shaft seals lubrication to ensure smooth operations.



TECHNICAL SPECIFICATION

Model	AST 20	AST 30	AST 45	AST 60	AST 75	AST 90	AST 120
Output capacity	20m ³ /hr.	20m ³ /hr.	20m ³ /hr.	20m ³ /hr.	20m ³ /hr.	20m ³ /hr.	20m ³ /hr.
Mixer unit	Turbo pan type mixer/twin shaft mixer						
Mixing and discharge of concrete	Imported planetary reduction gear box						
Main mixer drive	20 HP	30 HP	40 HP	60 HP	60 HP	50HPx2no's	75HPx2no's
Suggested DG set	62KVA	82KVA	125KVA	160KVA	200KVA	300KVA	400KVA
Total connected power	52HP	74HP	87HP	120HP	145HP	200HP	275HP
Material storage capacity	20m ³	30m ³	45m ³	60m ³	60m ³	90m ³	100m ³
Material storage unit	2x2 cross bin	In line four bin feeder					
Material weighing system	Digital load cell based weighing of the material in each bin						
Cement feeding system	Through screw conveyor						
Batch feeding system	Through inclined belt conveyor/ inclined skip bucket						
Water weighing system	Digital load cell based weighing of water tank						
Ad mixture dozing system	Digital load cell based auto admixture dozing system						
Control panel	Fully automatic PLC based system						
Control cabin	Provided						
Concrete discharge height from Gi	4.0 level from ground						

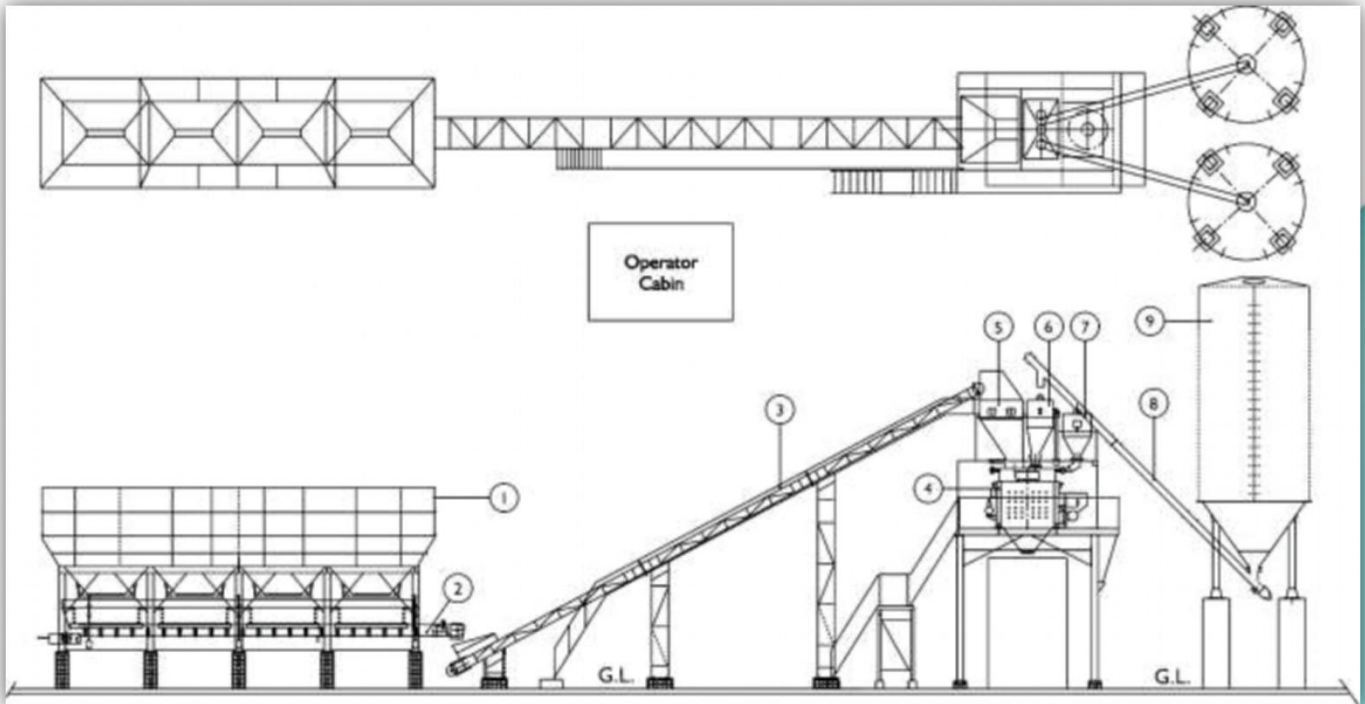




STATIONARY CONCRETE BATCHING PLANT



STATIONARY CONCRETE BATCHING PLANT AVAILABLE IN 45 TO 240 M³/HR. CAPACITY



SALIENT FEATURES:

- Required installation time is very less , due to Modular design.
- Fully Automatic-Electronic operation with PLC/PC Control.
- Reliable, Fast and Accurate Electronic Weighing System for major inputs.
- Full service, technical support and spares back-up.

OPTIONAL:

- Cement & Fly ash Storage & Conveying System from 20 to 220 MT capacity.
- Microwave Moisture Meter.
- Computer SCADA System with Software.
- Radial Conveyor Belt for Aggregate Feeding.

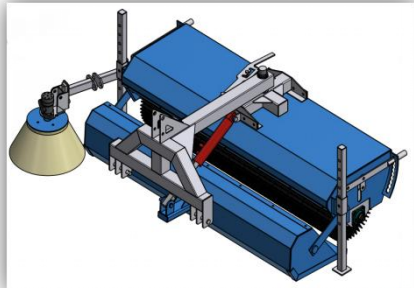
OUR EQUIPMENTS



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**



**MOBLLE CONCRETE
BATCHING PLANT**



**BITUMEN PRESSURE
DISTRIBUTOR**



**BITUMEN EMULSION
SPAREYER**



**FULLY AUTOMATIC
ROAD MARKING
MACHINE**

OUR EXPORTS



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