



Trusted Name for
Concrete Technology **Stronger &**
Safer Tomorrow





About us

Amruta Infratech Pvt. Ltd. is leading manufacturer of Construction Equipments like Stationary Concrete Batching Plant, Compact Batching Plant, Mobile Concrete Batching Plant, Canal Paver Machine, Concrete Road Paver Machine with its associated group of companies established formerly in the year 1989. The company has dedicated and committed team, to deliver high quality products and services to meet customer expectations.

Our efforts to focus investing right technology in right people and to deliver the best in Industries.

Amruta have a team of innovative and creative engineers involved in Designing, Manufacturing and Developing Critical Parts and Assemblies for various Industries. Excellent computer aided design facility. We use Solid Edge for best Designing and Analysis . Our engineers and technicians with their creative and innovative instincts are constantly working on new designs & improvements to keep pace with the Technology Development.

- **Amruta Infratech Pvt. Ltd.** is engaged in manufacturing of Construction Equipments as detailed below.
 - Stationary Concrete Batching Plant in capacities 20, 30, 45, 60, 75, 90, 120 Cum/Hour.
 - Mobile Concrete Batching Plant in capacities 20, 25 & 30 Cum/Hour.
 - Compact Batching Plant in capacities 20, 30, 45, 60, 75, 90, 120 Cum/Hour.
 - Mini Concrete Batching Plant with Pan Mixer (Nano type) in capacities 20 & 24 Cum/Hour.
 - Reversible Concrete Batching Plant in capacity 20 Cum/Hour.
 - Canal Paver Machine as per Government standards and also customized.
 - Concrete Road Pavers with Gang Vibrator (Fix Form Paver).
 - Screed Road Paver with Gang Vibrator.
 - Cement, Fly Ash & GGBS Silo with Accessories in Horizontal and Vertical type.
 - We are using latest Twin Shaft Mixer for Homogeneous technology in all our Batching Plant.

Quality is not an Accident, “Its Hard work”



Stationary Concrete Batching Plant

Salient Features :

- Minimum aggregate loading height.
- Robust structure with Inline 4 bins.
- Large mixer platform for ease of maintenance.
- Added safety with Limit Switch in Mixer.
- Drive through design for increased productivity.
- Chevron Belt arrangement option for mixer loading.
- Modular design providing flexibility to adopt to different layout requirements.
- Designed for ready-mix producers, contractors, Wind Mill Foundation, Concrete Road work and Dam Work.
- For Mixing material Turbo Pan mixer / Twin Shaft Mixer.
- Available in various capacities 30 to 120 Cum/Hour of compacted concrete output.
- High precision load cells independent electronic weighing of cement, aggregates & water digital display.
- PLC based control system with real-time SCADA for control and data management.



Sr. No.	Details	AST 30	AST 45	AST 60	AST 75	AST 90	AST 120
1	Concrete Theoretical Output/hr.	30 Cum	45 Cum	60 Cum	75 Cum	90 Cum	120 Cum
2	Mixer Unit	Twin Shaft Mixer / Turbo Type Pan Mixer					
3	Aggregate Storage Bins	4 nos. Inline Bins					
4	Aggregate Storage Capacity	8 Cum / each	8 Cum / each	10.5 Cum / each	10.5 Cum / each	16 Cum / each	16 Cum / each
5	Aggregate Conveyor Load Cell	4 nos S type	4 nos S type	6 nos S type	6 nos S type	6 nos S type	6 nos S type
6	Charging Conveyor	Chevron Type Belt					
7	Mixer Unit M3	0.5 M3	0.75 M3	1 M3	1.25 M3	1.5 M3	2.0 M3
8	Cement Weighing Load Cell	3 nos S type	3 nos S type	4 nos Beam type	4 nos Beam type	4 nos Beam type	4 nos Beam type
9	Sand & Cement Vibrator	Provided Vibrator Motor					
10	Water Weighing Load Cell	1 nos S type	1 nos S type	3 nos Beam type	3 nos Beam type	3 nos Beam type	3 nos Beam type
11	Admixer Weighing System	Digital Loadcell Based Auto Admixture Dozing System					
12	Cement Screw Conveyor	Dia 168	Dia 219	Dia 219	Dia 219	Dia 273	Dia 273
13	Air Compressor	3 HP	5 HP	7.5 HP	7.5 HP	10 HP	10 HP
14	Control System	Fully Automatic PLC Based Control Panel					
15	Total Connected power	47 KW	62 KW	104 KW	121 KW	193 KW	280 KW
16	Suggested DG.	85 KVA	100 KVA	160 KVA	200 KVA	250 KVA	400 KVA



Compact Concrete Batching Plant

Salient Features :

- Available in 30 to 120 Cum/Hour Capacity.
- Compact and economically designed.
- Heavy duty structure.
- Concrete Discharges Height suitable for TM.
- Rotary chute for discharge Concrete in pump (Optional)
- Plug-on & Operate concrete batching plant.
- Less space required because of its compactness.
- Civil Foundation work is very fewer as compact design.
- Negligible owning & operating cost.
- Longer life of wear & tear parts.
- Especially quick erection & commissioning.
- Twin shaft mixer is capable to handling from high to zero slump concrete.
- Planetary Mixer available on request.

Sr. No.	Details	ACP / ACT 30	ACP / ACT 45	ACP / ACT 60	ACP / ACT 75	ACP / ACT 90
1	Compacted Concrete	30 Cum	45 Cum	60 Cum	75 Cum	90 Cum
2	Type of Mixer	Pan Mixer/ Twin Shaft	Pan Mixer/ Twin Shaft	Pan Mixer/ Twin Shaft	Pan Mixer/ Twin Shaft	Pan Mixer/ Twin Shaft
3	Mixer Capacity	0.5 Cum	0.75 Cum	1 Cum	1.25 Cum	1.5 Cum
4	Input / Output Capacity	750 / 500 Ltr.	1250/750 Ltr.	1500/1000 Ltr.	2250/1500 Ltr.	3000/2000 Ltr.
5	Bin Compartment	2 x 2 Compartment				
6	Capacity of Each Compartment	4.5 M3	6 M3	12.5 M3	15 M3	20 M3
7	Aggregate Weighing System	S Type Load Cell				
8	Cement Weighing System	Electro Magnetic Load Cell based				
9	Water Weighing System	Electro Magnetic Load Cell based				
10	Admixture Weighing System	Electro Magnetic Load Cell based Auto Admixture dosing System				
11	Water Pump	3 HP	3 HP	5 HP	5 HP	7.5 HP
12	Cement Screw Conveyor	168 mm	219 mm	219 mm	219 mm	273 mm
13	Air Compressor	2 HP	3 HP	7.5 HP	7.5 HP	10 HP
14	Control Panel	Fully Automatic PLC Based Control Panel				
15	Total Connected Load	44 KW	60 KW	76 KW	105 KW	120 KW
16	Suggested DG	82.5 KVA	100 KVA	160 KVA	180 KVA	200 KVA



Mobile Concrete Batching Plant



Salient Features :

- Can handle up to 40 mm down aggregate size.
- Mixing through 0.33/ 0.5 Cum Pan Mixer output with mixing time of 60 seconds.
- Fully automatic control panel with HMI or SCADA.
- Electromagnetic load cell for accurate weighing of material.
- Discharge height of 2.1 Meter from the ground level.
- Inbuilt auto Admixture & water dozing system.
- Separate weighing for aggregate, water, cement, fly ash & additive with higher accuracy.
- Size is very compact so easy maintenance and low running cost.
- Single chassis type Concrete Batching Plant.
- Tractor can move the plant easily on site with 4 nos. tyre and tow bar .
- Mobile Batching Plant is very suitable for concrete pump.
- Due to mobility plant is very useful in Canal work, RCC Road work and Airport Apron work.

Sr. No.	Details	AMP 20	AMP 30
1	Concrete Theoretical Output/hour	20 Cum	30 Cum
2	Aggregate Storage Bins	2x2 Compartment	
3	Aggregate Weighing	4 nos S type Load Cell	
4	Mixer Motor	20 HP	30 HP
5	Charging Conveyor	600 mm Belt	800 mm Belt
6	Mixer Unit	Pan Mixer (0.33 M3)	Pan Mixer (0.50 M3)
7	Cement Weighing System	3 nos Beam Type Load Cell	
8	Water Weighing System	3 nos Beam Type Load Cell	
9	Ad mixer Weighing System	1 no S Type Load Cell	
10	Mixing Arms	Changeable Spring Back Mixing Arms	
11	Mixer Gate	Hydraulic Cylinder with 2HP power Pack	
12	Cement Filling Hopper	27 Bag	30 Bag
13	Cement Screw Conveyor	Dia 168 mm x 7.5 Mtr.	
14	Tyre and Towing chassis	4 nos Tyre	
15	Air Compressor	2 HP	
16	Control System	Automatic PLC Based Control Panel	
17	Discharge Height	2.1 Mtr.	
18	Connected Power	33 KW	43 KW
19	Suggested DG.	62.5 KVA	82.5 KVA



Inline Mobile Concrete Batching Plant with Twin Shaft Mixer

Salient Features :

- Compact size for easy Movability & Maintenance.
- Robust structure with bins.
- Quick start-up as everything comes with fully assembled from factory.
- Accuracy & mix quality like Stationary Batching Plant.
- No pit required for pump application.
- Fully Automatic & PLC controlled plant with Twin Shaft Technology.
- Inline feeder so not required Ramp to load material.
- Very useful for Precast Industries.
- Twin Shaft Mixer for better quality of concrete mixing.
- Long life of Mixer due to body tiles in Hi chrome material.
- High precision load cells Independent electronic weighing of Cement, Aggregates & Water digital display.
- PLC based control system with real-time SCADA for control and data management.
- Added safety with Limit switch in mixer.



Sr. No.	Details	AIMT 20	AIMT 25
1	Mixer type	Twin Shaft Mixer	
2	Batch Capacity	0.33 Cum	0.40 Cum
3	Batch cycle time	60 Sec.	
4	Cement Screw Conveyor	Dia 168 mm	
5	Prime mover for mixer	20 HP Electric Motor	25 HP Electric Motor
6	Plant Assembly	On heavy duty single chassis	
7	Belt Conveyor	Chevron type	
8	Concrete Discharge Height	1.3 Meter From the Ground Level	
9	Gate Operating System for Feeder	Pneumatic Control System	
10	Total Pneumatic cylinders	3 Nos. Janatics Make	
11	Bin Hopper / Storage	3 Nos. Inline Bin / Each Hopper Capacity 5 Cum	
12	Control Panel	HMI PLC Controlled Automatic	
13	Air Compressor	3 HP - 180 Ltr.	
14	Belt Conveyor Motor	10 HP	12.5 HP
15	Aggregate / Cement / Water / Additive Weighing	Electro Magnetic Load Cell	
16	Connected Load power/ Suggested DG	32 KW / 85 KVA	38 KW / 85 KVA



Mini Mobile Batching Plant

Salient Features :

- Mini Batching Plant available with Reversible Drum type and Nano Type Pan Mixer.
- Can handle up to 40 mm down aggregate size.
- Mixing through 0.5 Cum Drum Mixer output with mixing time of 90 seconds.
- Mixing through 0.33 Cum Pan Mixer output with mixing time of 60 seconds.
- Reversible Drum forward direction material mixing and in reverse discharge.
- Hydraulic Cylinder with power pack for discharge concrete in Pan Mixer.
- Fully automatic Control Panel with HMI. Tractor can be toeing with two tyre in Batching Plant.
- Very low budget Batching Plant and move easily to other site.
- Inbuilt Auto Admixture & water dosing system.
- Separate weighing for aggregate, Cement & fly ash with higher accuracy.
- Size very compact easy maintenance and low running cost.
- Single chassis type Concrete Batching Plant.
- No need heavy ramp for dumping material.

Sr. No.	Details	ARD 20	ANP 20
1	Concrete Theoretical Output/Hour	15-18 Cum	20 Cum
2	Aggregate Storage Bins	2x2 Compartment	
3	Aggregate Weighing	4 nos S type Load Cell	
4	Mixer Motor	12.5 HP	20 HP
5	Charging Conveyor	600 mm Belt	
6	Mixer Unit	Drum Mixer (0.5 M3)	Pan Mixer (0.33 M3)
7	Cement Weighing System	3 nos Beam Type Load Cell	
8	Water Weighing System	Flow Based Feeding	2 No Beam Type Load Cell
9	Ad mixer Weighing System	Flow Based Feeding	1 No S Type Load Cell
10	Mixer Gate	Reverse Rotation Discharge	Hydraulic Cylinder with 2 HP Power Pack
11	Cement Filling Hopper	27 Bag	
12	Cement Screw Conveyor	Dia 168 mm x 5 Mtr.	
13	Tyre and Towing chassis	2 nos Tyre	
14	Air Compressor	2 HP	
15	Control System	Automatic PLC Based Control Panel	
16	Discharge Height	1.8 Mtr.	800 mm
17	Connected Power	23 KW	31 KW
18	Suggested DG.	40 KVA	62.5 KVA



Fix Form Paver

Salient Features :

- Whole frame structure connected with pin joint so easy assembling with less efforts, less time consuming.
- Fix Form Paver Machine is use for Concrete road, Airport Runway, Apron, Parking and also in Industrial flooring works.
- Remote control provision for better monitoring of operator while paving.
- Fix Form Paver Machine is available in 2.75 Mtr. To 12 Mtr.
- Fix Form Paver Machine is also use in Canal Lining work.
- Lower Power consumption while delivering a higher output.
- For more compaction gang needle attachment with up down assembly.
- Varying thickness of 1" to 5" with Internal Vibrator and 5" to 9" Inbuilt Pan Vibrator and above 9" to 24" Needle Vibrators are provided.
- Paver Finisher using 3 point finishing systems is designed to vibrate, consolidate and finish the concrete slabs.



Concrete Road Paver (Fix Form Paver)



GANG NEEDLE VIBRATOR

PRIME MOVER

- 4 KW (5 HP) Geared Motor - Drive End Panel
- 3 KW (4 HP) Geared Motor - Vibratory Cylinder.
- 0.75 KW (1 HP) Geared Motor - Drive Bogie RH
- 0.75 KW (1 HP) Geared Motor - Drive Bogie LH
- 0.75 KW (1 HP) Geared Motor - Vibratory Cylinder
- Recommended DG - 25 KVA



NEEDLE VIBRATOR



PAN VIBRATOR



Screed Paver

Salient Features :

- High precision cylindrical finishing of pavement for concrete slabs such as CC roads.
- Finishing width of 2.75 Mtr. To 5.75 Mtr.
- Machine can finish up to 200 M²/ Hour (according to site condition).
- Special full-length spreader augur arrangement to spread concrete evenly in working panel of the slab.
- Four mechanical type swivel jacks with solid tyre provided for Height Adjustment and for moving the paver at each end of structure where tires are used to in or out the paver From Panel Area of the concrete slab.
- Adjustable seat with canopy provided at the top of the paver for the operator.
- Gang Needles for vibration purpose are provided as per the client's requirement with extra cost.





Canal Paver

Salient Features :

- High productive output with very less power consumption.
- Robust and light weight construction so that easy transportation & Saving transportation cost.
- Huge saving in capital, running and maintenance cost.
- Whole frame structure connected with pin joint so easy assembling.
- Remote control provision for better monitoring of operator while paving.
- Technology advance energy efficient electric drive system with step less speed control.
- Accurate and user-friendly operating system, operator can handle easily.
- Efficient output 17.20 Cum/Mtr. under ideal condition and applications.
- Customized High Performance for Half Width, Trapezoidal Canals, Straight Side Slopes up to 45° Angle.
- Simple Operation without the wastage of time, money and manpower.



Slope Wedge Curvature : Curvature for any slope ratio 1:1, 1.5:1, 2:1 and as per customer design and requirement



PVC Attachment : Special arrangement is made for PVC Insert in Longitudinal as well as Transverse.



Groove Cutter Attachment : It is Made from Carbon Steel Material with Hardness. Two Types of Groove cutter used Longitudinal and Transverse.



Control Panel : Well Known make Contactor and Relay. For monitoring speed of carriage AC Drive. Voltage Scanner for power. Remote for operating paver machine very easily.

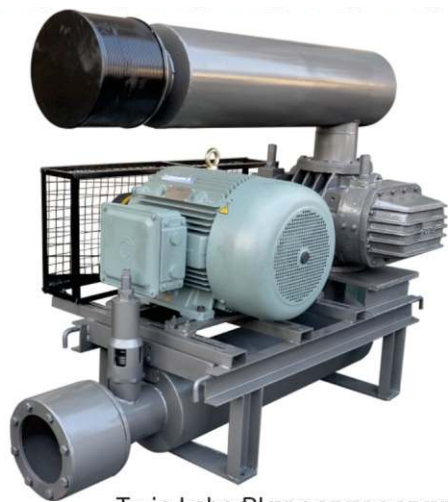


Harden Auger: Auger is spreading material. The Auger is designed to work in the direction of travel movement of the machine. The Auger is welded with special hard facing Electrode to obtain maximum wearing life.

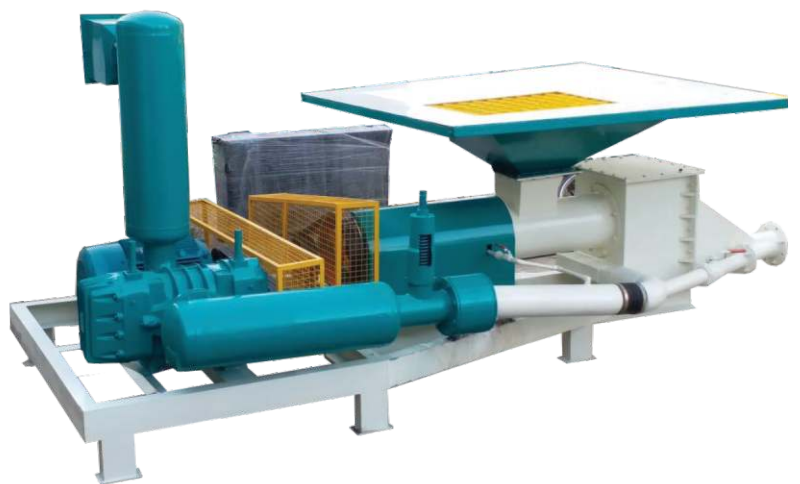




Silo & Accessories



Twin Lobe Blower



Cement Feeding System



RANGE OF PRODUCTS



STATIONARY BATCHING PLANT
Capacity 20 To 120 M3/Hr



COMPACT BATCHING PLANT
Capacity 20 To 120 M3/Hr



MOBILE BATCHING PLANT
Capacity 20,30 M3/Hr



INLINE MOBILE BATCHING PLANT WITH TWIN SHAFT MIXER
Capacity 20,30 M3/hr



NANO MOBILE BATCHING PLANT
Capacity 20,24 M3/Hr



REVERSIBLE BATCHING PLANT
Capacity 20 M3/Hr



FIX FORM PAVER



SCREED PAVER



CANAL PAVER



BED PAVER



SILO & ACCESSORIES



VIBRATOR ROLLER



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- www.accurateengineeringco.com
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Note : In accordance with its policy of constant development, Amruta reserves the right to change materials, specifications and models without prior notice.