



AADESH[®]
ROADTECH INDIA PVT. LTD.
An ISO 9001- 2015 Certified Company



CIVIL CONSTRUCTION MACHINERY
www.aadeshroadtechindia.com

Innovation and Quality Solution for Road & Civil Construction Machineries....

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ABOUT US

Aadesh Roadtech India Pvt. Ltd. is established since 2008, *Mehsana* based well known *Manufacturer & Supplier of Road & Civil Construction Machineries & Equipment* Company with a vision to surpass all the expectations of projects taken in hand. Mr. Janak Patel is the founder member and the owner of this company. He boasts 15 long years of rich experience in the genre of Manufacturing & Supply of Road & Civil Construction Machineries & Equipment.

We are specialist in Manufacturing & Supplier of wide range of Road & Civil Construction Machineries & Equipment. We have proven a high-end track record of excellence and Quality construction in Machineries. Over the years, we have emerged as one of the fast growing and prestigious Manufacturer in Mehsana and all over Gujarat State.

Our Machinery Range of Products are Drum Mix Plant, Wet Mix Plant, Bitumen Sprayer, Hydraulic Road Broomer, Asphalt Mechanical Paver Finisher, Bitumen Tank, Concrete Batching Plant, Roan & Canal Paver Finisher, Storage Silo, Concrete Mixtures, Concrete Screed Paver Finisher etc.

Our vision and Mission is to put our 100% and best efforts in every small or huge project irrespective of its budget. We are committed to each piece of our work with utmost honesty, expertise and determination. Quality and client's satisfaction are our top priorities. We have enhanced our expertise and knowledge with every project and passing phase of construction world.



Since-2008

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WHY CHOOSE US:

- ✓ ISO 9001:2015 certified.
- ✓ The expertise with 15+ years of experience.
- ✓ Offer excellent quality products.
- ✓ All our equipment are tested & reliable.
- ✓ Our construction equipment are affordable.
- ✓ Adhere to both, International and National Standards.
- ✓ Believe in providing the best solutions.
- ✓ Organizational efficiency
- ✓ Good management practices
- ✓ A comprehensive approach to the construction process
- ✓ Ability to meet customer's requirements
- ✓ Supreme product quality
- ✓ Minimized consumer risk in all aspects



AADESH MAKE HORIZONTAL STATIONARY CONCRETE BATCHING PLANT

TECHNICAL SPECIFICATION

MODEL	ARIPL-0.35	ARIPL-0.50	ARIPL-0.75	ARIPL-1.00	ARIPL-1.25	ARIPL-2.00	ARIPL-3.00
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 HP x 2 Nos.	75 HP x 2 Nos.
Material Storage unit	2 x 2 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 dosing system	Digital load cell based auto admixture dosing system						
Control Panel	Fully automatic PLC based control panel						
Control Cabin	Provided						
Concrete Discharge height from GI	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

OPTIONAL ACCESSORIES:

- Computer SCADA system and software
- Cement storage silos
- Fly ash feeding system and storage silos
- Moisture controlling system
- Water Chilling Plant





AADESH MAKE COMPACT STATIONARY CONCRETE BATCHING PLANT (CP SERIES)

TECHNICAL SPECIFICATION

MODEL	CP-20	CP-25	CP-30	CP-45	CP-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	35 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 the ground level				
Total connected power (HP)	48	53	63	77	98
Suggested DG Set	62 KVA	62 KVA	82 KVA	100 KVA	125 KVA

OPTIONAL ACCESSORIES:

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





AADESH MAKE MOBILE CONCRETE BATCHING PLANT (CCP SERIES)

TECHNICAL SPECIFICATION

MODEL	CCP 20	CCP 25	CCP 30	CCP 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	Digitally load cell based weighing of aggregates, cements, 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 cabin			
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			

OPTIONAL ACCESSORIES:

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





AADESH MAKE MOBILE CONCRETE BATCHING PLANT (ECO SERIES)

TECHNICAL SPECIFICATION

MODEL	ECO 15	ECO 18	ECO 24	ECO 30
Output Capacity	15 M ³ / Hr.	18 M ³ / Hr.	24 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	Digitally load cell based weighing of aggregates, cements, 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 DG set	40 KVA	40 KVA	50 KVA	62 KVA
Concrete discharge height	1 Meter from the ground level			

OPTIONAL ACCESSORIES:

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





AADESH MAKE MOBILE CONCRETE BATCHING PLANT WITH REVERSIBLE DRUM TYPE MIXER

TECHNICAL SPECIFICATION

MODEL	ARM 15	ARM 20	ARM 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 & discharge system	Forward rotation of drum mixer the material and reverse rotation of drum discharges the concrete		
Material weighing system	Digitally 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.	2 Nos.
Water tank capacity	200 Ltrs.	200 Ltrs.	200 Ltrs.
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 GI	1.5 Meter from GI	1.7 Meter from GI

OPTIONAL ACCESSORIES:

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





AADESH MAKE MINI MOBILE BATCHING PLANT (RM SERIES)

TECHNICAL SPECIFICATION

MODEL	RM 550	RM 800	RM 1050	RM 1400
Output Capacity	8 - 10 M ³ / Hr.	10 - 12 M ³ / Hr.	12 - 15 M ³ / Hr.	15 - 17 M ³ / Hr.
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	Digitally load cell based weighing of material in each bin			
Water tank capacity	150 Ltrs.	200 Ltrs.	250 Ltrs.	300 Ltrs.
Water feeding system	Flow rate based accurate water feeding system			
Pneumatic Tyres	4 Nos.	4 Nos.	4 Nos.	4 Nos.
Hydraulic tank capacity	40 Ltrs.	40 Ltrs.	60 Ltrs.	90 Ltrs.
Centralized lubrication system	Inbuilt centralized lubrication system			
Tow bar facilities	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

OPTIONAL ACCESSORIES:

- Printing facility
- Auto admixture dosing system
- Single / Two / Three bin system





AADESH MAKE MINI MOBILE BATCHING MACHINE DIESEL ENGINE OPERATED

TECHNICAL SPECIFICATION

MODEL	AMB 800 D	AMB 1050 D
Output capacity	10 - 12 M ³ / Hr.	12-15 M ³ / Hr.
Mixer Type	Reversible drum type mixer	
Mixing & 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	16 HP air cooled diesel engine	20 HP air cooled diesel engine
Material weighing system	Digital Load cell based weighing of the material	
Water tank capacity	200 Ltrs.	250 Ltrs.
Water Feeding System	Auto water dozing system	
Pneumatic Tyres	4 Nos.	4 Nos.
Hydraulic tank capacity	200 Ltrs.	250 Ltrs.
Centralized lubrication system	Automatic centralized lubrication system	
Two bar facility	Yes	Yes
Control Panel	Micro Processor based control panel	
Hydraulic Oil Cooler	Yes	Yes
12V DC Battery	80 AMP	80 AMP

OPTIONAL ACCESSORIES:

- Pen drive facility
- Single / Two / Three Bin arrangement





AADESH MAKE CONCRETE ROAD/ CANAL PAVER FINISHERS

TECHNICAL SPECIFICATION

DESCRIPTION	TECHNICAL DATA
Available width of the paver	Start from 3 Mtrs and available up to 15 Mtrs.
Prime Mover	
Drive end panel	5 HP Geared motor
Vibratory Cylinder	5 HP Geared motor
Bogie RH & LH	1 HP x 1 HP electrical geared motor
Traction System	
Traction Drive	Two electrically driven double flanged bogie wheels
Traction Speed	0 - 22 RPM
Extra long screw augur with harden flights for durability	
Shock Protections	
Overload Protections	
Adjustable carriage movement with variable speed drive	

OPTIONAL ACCESSORIES:

- Slope Wedges
- Fabricated rail
- High frequency needle vibrator
- Works platform
- Grooving arrangement
- PVC inserter





AADESH MAKE CONCRETE SCREED PAVER FINISHER

TECHNICAL SPECIFICATION

Available Width	Minimum width 3 Mtr and maximum width will be 6 Mtr	
Cylinder finishing rollers	Unique design as we provide two separate cylindrical finishing rollers one at the front side and another at the back side so better finishing is achieved more to this one can operated both the rollers to gather or stops any one roller as per requirement.	
Augur arrangement	Full length augur is provided at the front side for spreading extra concrete equally on the both the ends of the slab to achieve even surface and more to this separate drive is given with provision of forward and reverse rotation so one can operated it in either direction as per the requirement.	
Drive rollers	Total four drive roller are given where two rollers at each side is given with separate drive for both the ends with provision of forward and reverse rotation so one can move the paver forward or reverse as per need and we also provide facility to turn on / off side of the drive roller which helps to move paver in curving areas of the slab.	
Prime Movers	Spreader augur	3 HP electrical geared motors
	Cylindrical finishing rollers	5 HP x 2 Nos. electrical geared motors
	Drive rollers	3HP x 2 Nos. electrical geared motors
	Vibratory needles	3 HP x 5 Nos. Electric motors
	Total connected load (HP)	34 HP
	Suggested DG set	50 KVA
Operator sitting	adjustable seat with canopy provided at the top of the paver for the operator	
Control panel	Mounted on the top of the paver with internal cabling and with wired remote to operate the paver.	
Mobility	Four mechanical types swivel jacks with solid tyre provided for height adjustment and for moving the paver at the each end of structure where tires are used to in or out the paver from panel area of the concrete slab.	



KEY FEATURES OF THE VERTICAL SILO:

- Storage silo can be used to store cement, fly ash and GGBS as per requirement of the clients.
- Storage silo comes in various capacities like 50 MT, 65 MT, 100 MT and 150 MT.
- We also provide below listed silo accessories along with this :
 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 blower for bulker unloading.
 7. Manual bag feeding system (Debagging unit).



AADESH MAKE HORIZONTAL & VERTICAL FLY ASH STORAGE SILO & FEEDING SYSTEM

KEY FEATURES OF THE HORIZONTAL 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 godown required at site.
- Client can store loose as well as bag cement I this horizontal silo.
- No wastage of cement due to leak proof design.
- We also provide below listed silo accessories along with this :
 1. Top mounted dust collector
 2. Paddle type level indicator
 3. Vibro motors
 4. Horizontal screw conveyor
 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.



**AADESH MAKE
GROOVE CUTTING MACHINE**



**AADESH MAKE
CONCRETE BUCKET**



TECHNICAL SPECIFICATION

Capacity	0.25 m ³ to 5 m ³
Brand / Make	AADESH
Material	Mild Steel
Sheet Thickness	3 mm to 5 mm





AADESH MAKE DOUBLE BEAM SCREED VIBRATOR

Double Beam Screed Vibrator is Self-traveling and only requires guiding along the form work dragged by two operators and they do not need to work in concrete. It is light in weight, economical to maintain durable high quality heavy-duty-steel, portable stressing bars for levelling. Beams of different sizes can be provided, if ordered

TECHNICAL SPECIFICATION

Capacity	0.25 m ³ to 5 m ³
Brand / Make	AADESH
Material	Mild Steel
Sheet Thickness	3 mm to 5 mm



AADESH MAKE POWER FLOATER CUM TROWEL





**CONCRETE MIXER
WITHOUT HOPPER**

**CONCRETE MIXER
WITH HOPPER**



Type	With Hopper	W/o Hopper
Unmixed Capacity (10 cu.ft.)	280 Ltr.	280 Ltr.
mixed Capacity (7 cu. ft)	200 Ltr.	200 Ltr.
Drum Speed (RPM)	24 - 27	24 - 27
Production Rate (m ³ /hr ⁻¹)	6 - 8	6 - 8
Weight approx. (Kgs.)	1450	950
Towing Speed (km / Hr)	15	15
Diesel Engine Power Rating (HP)	6	6



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