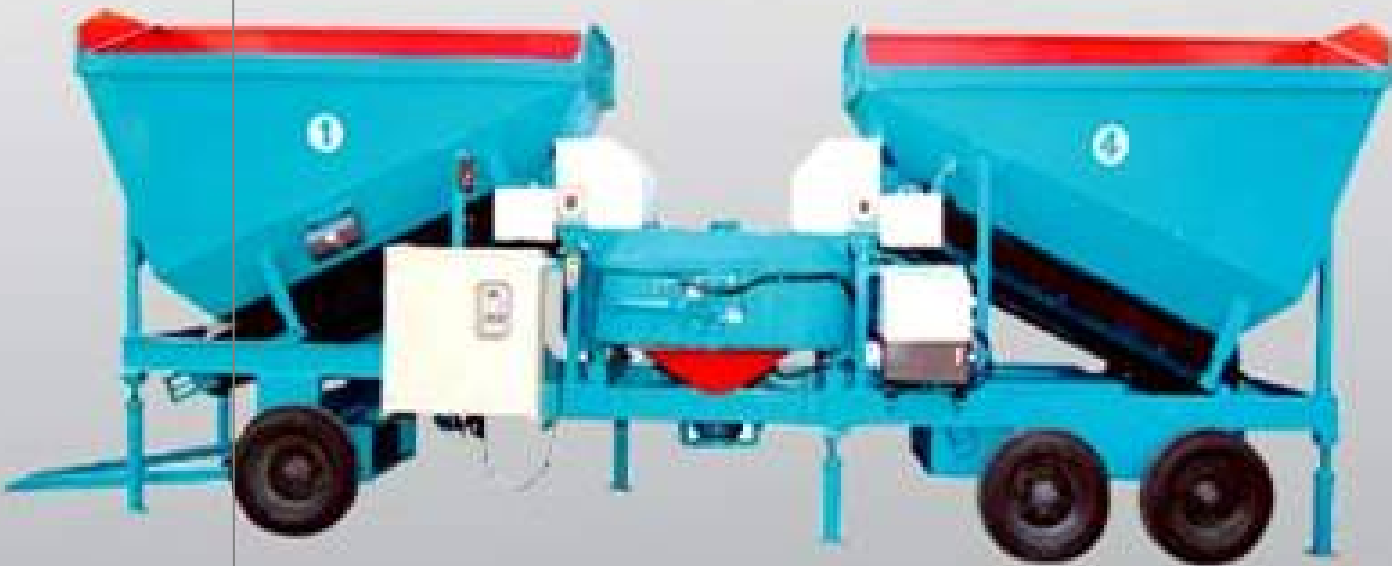


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**“AMCB SERIES”**



## CONCRETE BATCH MIX PLANT

Mobile

15 m<sup>3</sup>/ hr.

20 m<sup>3</sup>/ hr.

# ATLAS

## COMPANY PROFILE

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ATLAS is one of INDIA'S quality manufacturer of Road Construction Machinery. For over 30 years we have helped Road Contractors maintain the beauty and structural integrity of their paved surfaces. Our reputation has made us the preferred manufacturer of Road Construction Machinery since we first opened our doors.

When you work with us, you expect:

Professionalism

Persistence

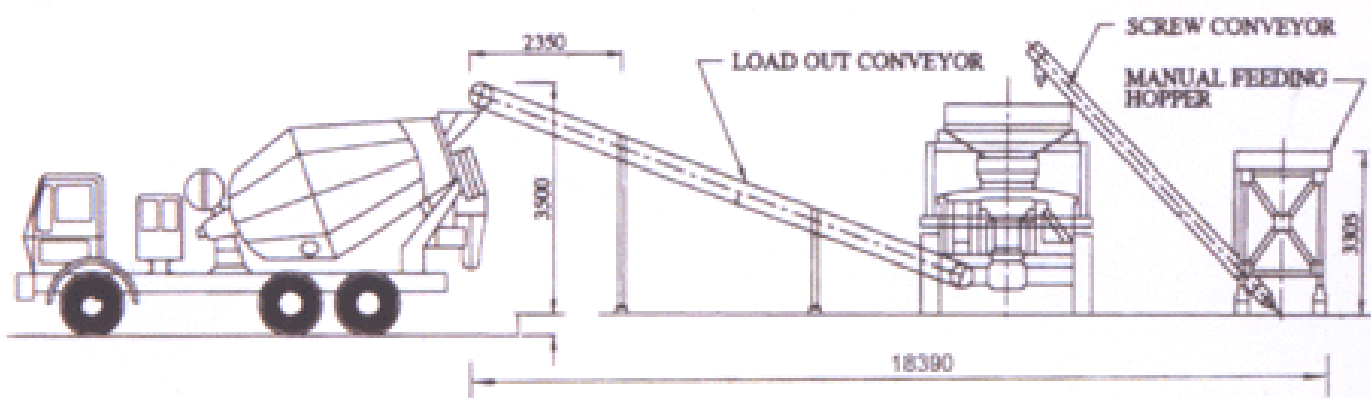
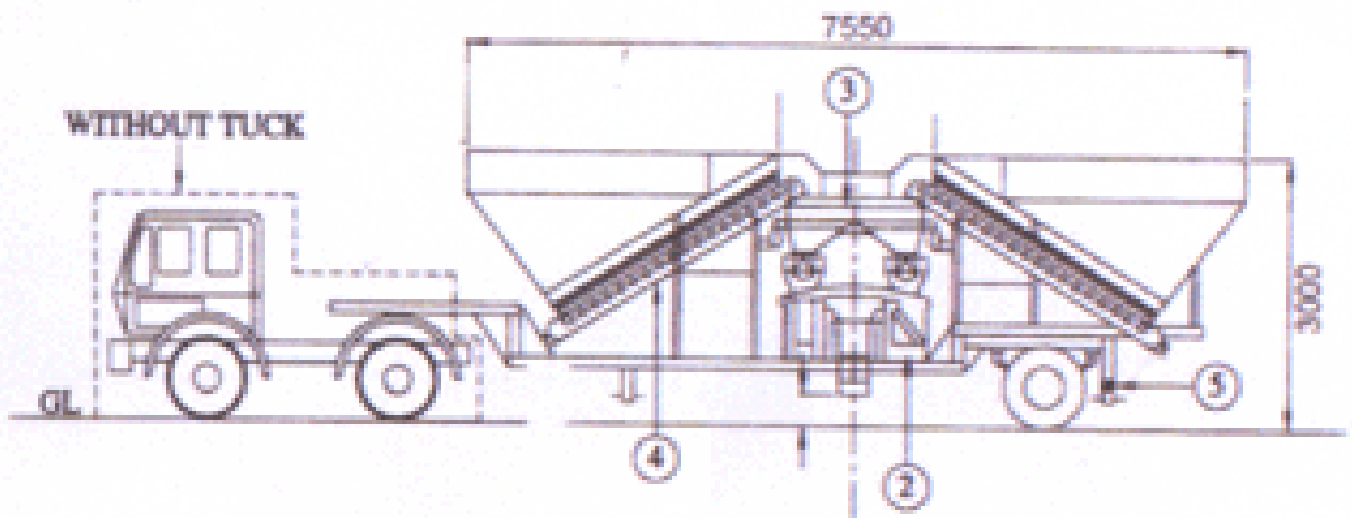
Precision

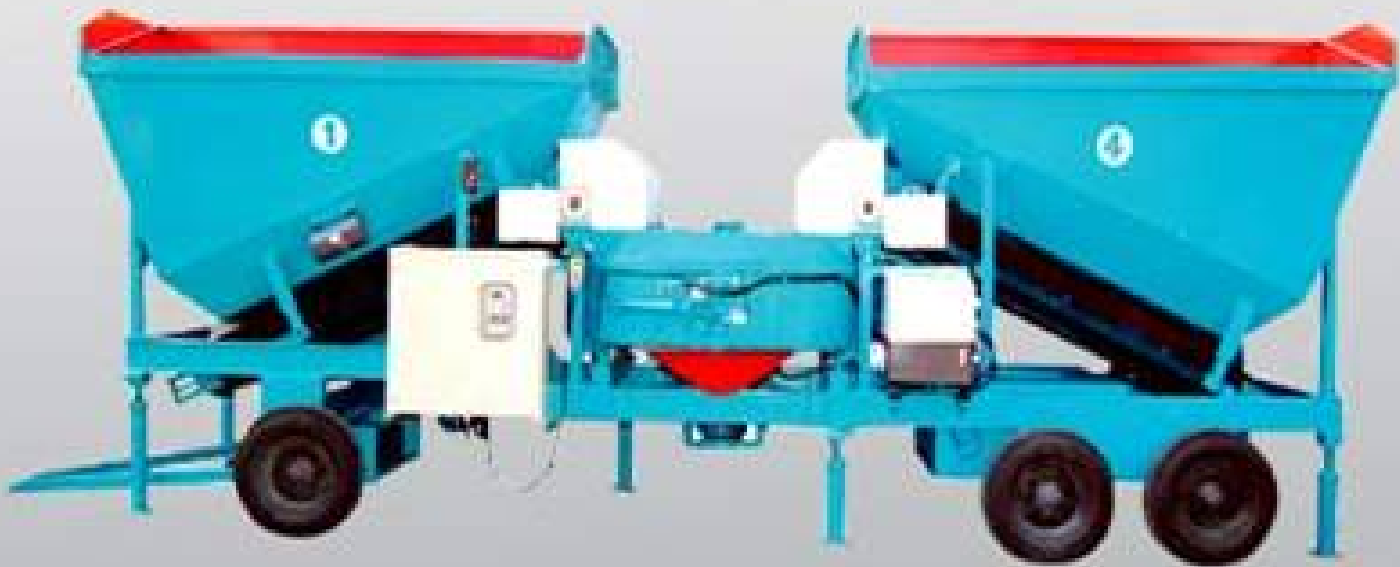
Experience

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# Plant Layout





## Aggregate feeder

Four bin aggregate feeder units with a storage capacity of 2.5 m<sup>3</sup> each. Feeder bins are mounted on individual loading conveyor.

## Charging Conveyor



Aggregates are discharged sequentially according to the predefined sequence of loading into the mixer by the charging conveyors (500mm X 3 Ply) Chevron Belt.

# Pan type Mixer



Pan type concrete mixtures manufactured by ATLAS ensure proper mixing and maximum output.

Pan Type Mixture comes in capacity of 0.5 m<sup>3</sup> and is fixed on the basic structure of the plant.

Only after proper and homogenous mixing the batch is ready to be discharged.

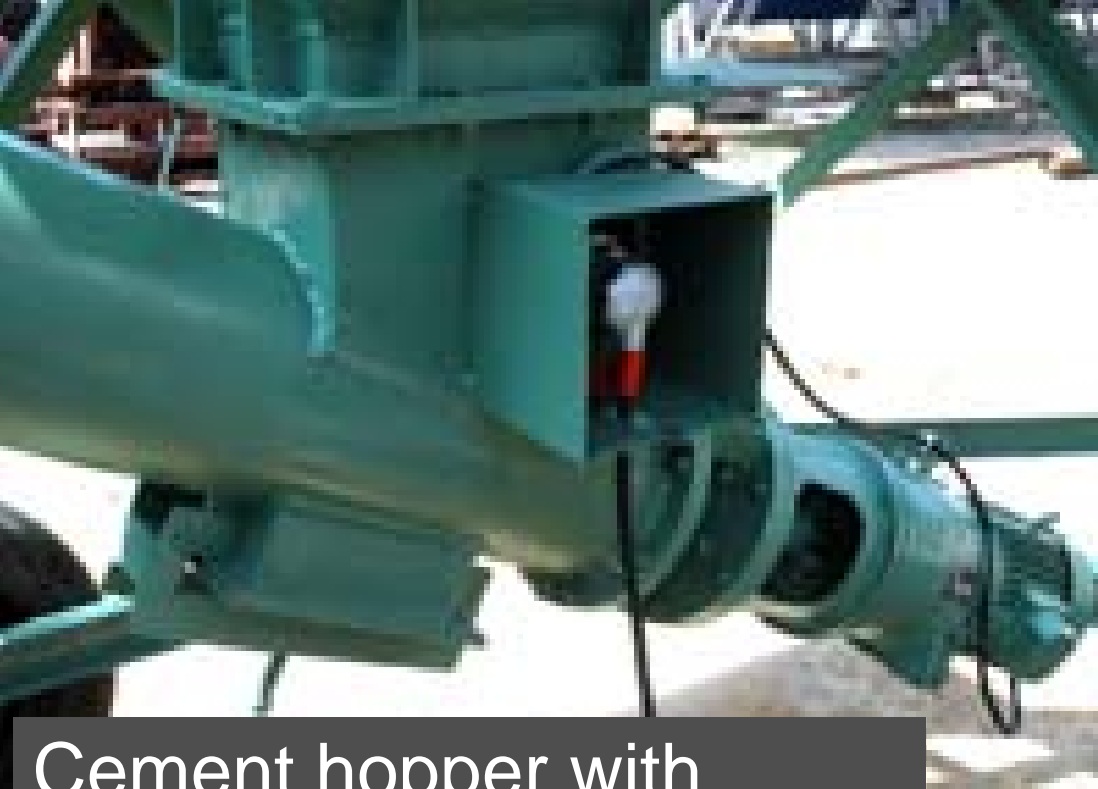
There is a High Pressure Jet Cleaner System for Mixer.

# Discharge Conveyor



The discharge conveyor powered by 7.5HP motor is 900mm X 3ply, endless belt with a discharge height of 2.3mtrs.





## Cement hopper with Screw conveyor

Cement hopper of storage capacity of 50 bags of Cement is employed along with a screw conveyor powered by a 5HP motor is used for discharging the cement in the mixer.

2 HP water pump is used for dispensing water in the mixture.

## Microcontroller based Control panel



A software which is very user friendly ensures top notch performance.

Auto, Hand & Manual Mode.

The unit is Fully Dust Proofed.

Accommodates 5 different type of mix Recipes.

Material Weight Error Indicator.

Wired Remote operated system.

Emergency switch provided on panel as well as on remote unit operating on 24 V.

Electrical motors are provided by O/L Relays & MCB as a back fuse.

1-Inch Digital LCD Display.

# POWER REQUIREMENT

SR.	DESCRIPTION	15 Cum/hr	20 Cum/hr
1	Loader Conveyor Belt Drive	12 HP	12 HP
	(4No's.X 3HP)		
2	Pan Mixer	20 HP	25 HP
3	Water Pump	2 HP	2 HP
4	Cement Screw Conveyor	5 HP	5 HP
5	Discharge Conveyor	7.5 HP	7.5 HP
6	Hydraulic Power Pack	2 HP	2 HP
7	Sand Vibrator	0.5 HP	0.5 HP
8	Pressure Jet Cleaning Pump	1 HP	1 HP
	TOTAL	50 HP	55 HP

# TECHNICAL SPECIFICATIONS

TYPE OF PLANT	AMCB – 15	AMCB – 20
<b>CAPACITY:</b>		
Plant Rated Capacity	15 Cum/hr	20 Cum/hr
<b>CONFIGURATION:</b>		
4 No's. Storage bins	Capacity – 2.5M <sup>3</sup> each	Capacity – 2.5M <sup>3</sup> each
<b>FEEDING MEDIA:</b>		
Aggregate	Loading Conveyor (4 No's) 500mm x 3 ply	Loading Conveyor (4 No's) 500mm x 3 ply
Cement	Screw Conveyor	Screw Conveyor
Discharge Conveyor	900mm x 3 ply	900mm x 3 ply
Pan Type Mixer	Capacity 0.5 M <sup>3</sup>	Capacity 0.5 M <sup>3</sup>
Water Pump	Flow Rate 410 LPM	Flow Rate 410 LPM
Load Cell	Hermetically Sealed IP-67	Hermetically Sealed IP-67
Controller System	Micro Controller Based Control System	Micro Controller Based Control System
Facility	Auto / Manual/Hand Mode of operation	Auto / Manual/Hand Mode of operation

STATIONARY & MOBILE CONCRETE BATCH MIX PLANTS

ASPHALT DRUM MIX PLANTS

WET MIX MACADAM PLANTS

BITUMEN SPRAYERS

MECHANICAL BROOM

IF YOU'RE READY TO EXPERIENCE THE ATLAS DIFFERENCE,  
CONTACT US TODAY. WE'D LOVE TO HEAR FROM YOU.

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