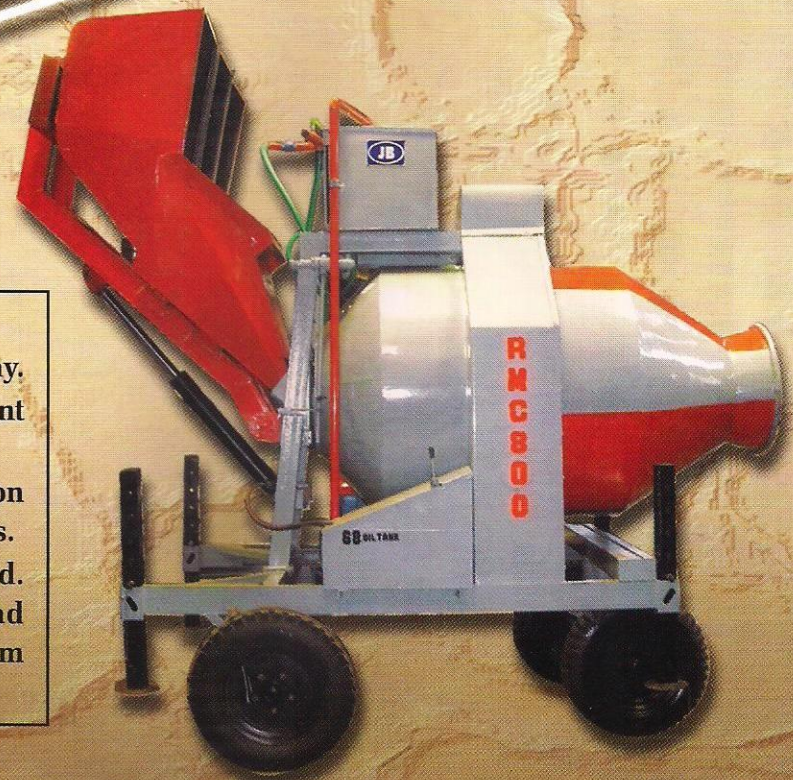
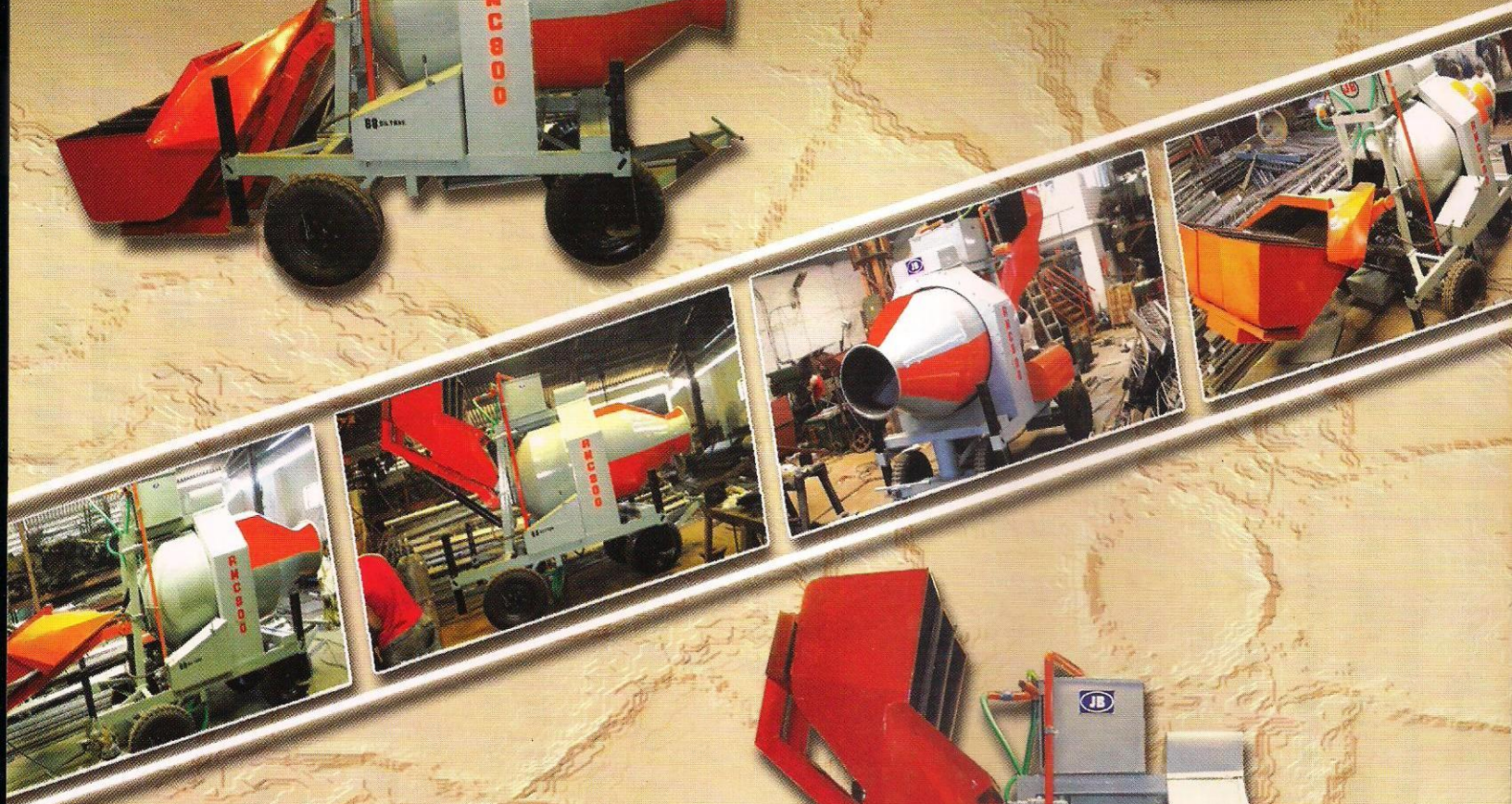


Portable Reverse Concrete Mixer With Electronic Batcher



HIGHLIGHTS

- Seperate Electronic Weighing System with display.
- Audio - Visual signals for Aggregate, Sand, Cement and Water on approaching target weight.
- Extra strong Jacks rigidly mounted for vibration free operation along with 4 Pneumatic Wheels.
- Speed reduction through directly coupled Hyd. Pump with V-belt Pulley and Bull Gear and Pinion, resulting in smooth reversible drum action.

J.B. ENGINEERING & INDUSTRIAL CO.

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● Orissa : 9437050874 (Mohanty) ● Jharkhand : 9431155310 (Vijay Agarwal)

TECHNICAL FEATURES FOR RCM 600, RCM 800, RCM 1050 & RCM 1450

STANDARD EQUIPMENT

CHASSIS :

Heavy duty steel section towable chassis with swivelling front Axle and four pneumatic tyred wheels for excellent site mobility. Four jack legs give maximum stability throughout the mixing cycle.



DRUM :

Heavy gauge and rolled drum with efficient mixing blade design lead to thorough mixing. Fitted with heavy duty drum rollers and sealed shaft bearings for reliability.

DRIVELINE :

A smooth, reversible drum action, controlled by a single lever, is provided with heavy duty hydraulic pump and valve.

WATER TANK :

Automatic filling and manually controlled, measured volume discharge. Amount of water discharged is preset on a Water Batcher. Two Pumps, one for lifting of water from the sump to the water tank and another pump with timer for pumping water from Tank to Mixing Drum.



FEED HOPPER :

Hydraulically operated loading hopper with high discharge angle ensures rapid and clean feed of materials into drum.

POWER :

Electric start air cooled Diesel Engine or 3-phase Electric Motor.



OPTIONAL EQUIPMENT

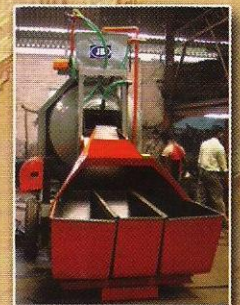
ELECTRONIC BATCHER :

The JB Batcher is designed based on electrical signal received when the feed hopper is lowered into the loading position. It rests precisely against a electronic load-cell/cells located on the hopper frame. A LCD screen gives the operator a progressive readout. 3 Bin Hopper with independent compartments are supplied if required. Every Bin rests against an electronic load cell. The readings are shown seperately for each Bin.



DISCHARGE CONE :

Discharge extension cone give greater discharge clearance, which enables accurate discharge into placing vehicle without spillage.



SPECIFICATIONS	RCM 500	RCM 800	RCM 1050	RCM 1450
Output batch capacity	: 350 Lit	600 Lit	750 Lit	1050 Lit
Input batch capacity	: 500 Lit	800 Lit	1050 Lit	1450 Lit
Hourly Production (Considering 24 batches per hour)	: 8 - 9 M ³ /Hr.	13 - 14 M ³ /Hr.	17 - 18 M ³ /Hr.	22 - 23 M ³ /Hr.
Power : Electric Motor	: 7.5 HP	10 HP	15 HP	20 HP
Diesel Engine	: 12 HP	13.3 HP	16 HP	22 HP
Weight Sensing (For 3 Bin Hopper)	: By 3 load Cells.			
Water Tank Capacity	: 180 Lit	180 Lit	210 Lit	280 Lit
Hopper Capacity	: 650 Lit	900 Lit	1200 Lit	1600 Lit
Batcher	: Micro Processor controlled pre-selected quantity display with Audio-Visual signals for Aggregate, Sand, Cement.			
Water Batcher	: The independently motorised Water Pump is run for an adjustable period for delivering the desired volume of water per batch. Two Pumps are provided. One Pump fills the water tank and another Pump supplies the desired (preset) quantity of water into the Mixing Drum.			
Accuracy	: Within ±1 to 2%			
Hopper lifting	: Through Hydraulic Pump and Cylinder.			
Length (with hopper lowered)	} Provided on request			
Length (with hopper raised)				
Width				
Height (with hopper lowered)				
Height (with hopper raised)				
Overall length including Towbar	: }			
Wheels	: 4 Nos. 600X16 with 4 Adjustable Jacks.			

Above details subject to addition & alterations, due to continuous development.