



**REVERSIBLE DRUM CONCRETE MIXER /
MINI MOBILE CONCRETE BATCHING PLANT**

www.shriramconstruction.com | www.reversiblemixers.com

SCE REVERSIBLE DRUM CONCRETE MIXER

Shriram Construction Equipment (SCE) Reversible Drum Concrete Mixer / Mini Mobile Concrete Batching Plant has become most reliable among our clients for quality output and maintenance free operation. One of the most widely used machine tool is the Reversible Drum Concrete Mixer. They are the typical reversible type concrete mixer where concreting is done using a revolving drum. In forward rotation it will mix the concrete and in reverse rotation it will discharge the concrete. Designed to deliver sturdy construction a reversible drum concrete mixer is a well engineered piece of construction machinery for carrying mixing mortar from the place where it is to be poured. It also gives enough time to the workers to mix the composition before the concrete hardens.

Reversible drum concrete mixers from Shriram, one of the well known construction equipment supplier, are specialized construction equipment used to mix the concrete of cement, sand and other aggregates and carry the same from the batching plant to the area where it has to be poured.

Features

- The operational system of the machine is silent and hence produces very little noise.
- It requires very low maintenance.
- It is portable because of its compact design and can be easily carried to the construction sites.
- It does not produce any concrete dust and thus the environment remains clean.
- Diesel reversible concrete mixer is best used for remote sites, where there is no electricity.
- It enables smooth concrete mixing

SCE REVERSIBLE DRUM CONCRETE MIXER

Cost saving features.

- Manufactured with high quality raw materials
- Time saving high capacity concrete mixing drum
- Undergo several quality tests
- Heavy duty, balanced chassis
- Twin rollers

Types:

- Single, Double, Three Bins & Four Bins
- Available with Diesel engine drive reversible drum concrete mixer
- Available with Electric motor reversible drum concrete mixer

Overflow water management system

Electronic load cell system

The reversible drum mixers required by leading construction companies, are of various types, available with Shriram Construction Equipment.

REVERSIBLE DRUM CONCRETE MIXER - ELECTRIC



TECHNICAL SPECIFICATION

Model	RM-800E	RM-1050E	RM-1400E
Production Data	10-12 m3/ hr	14-15 m3/ hr	18-20 m3/ hr
Input Volume / Output Volume	800 Liter \ 600 Liter	1050 Liter \ 660 Liter	1400 Liter
No. Hopper(bins)	1/3/4 Bin as required	1/3/4 Bin as required	1/3/4 Bin as required
Max. Aggregate Diameter (screed/crushed stone)	60/40 mm	60/40 mm	60/40 mm
Discharge Height	1.6 Meter	1.6 Meter	1.6 Meter
Hydraulic Cylinder	1 no.s	1 no.s	2 no.s
Hydraulic Pump	40 & 9 LPM Tandem pump Dowty / Boss	40 & 9 LPM Tandem pump Dowty / Boss	20 LPM Tandem pump Dowty / Boss
Gear Box	Premium Inline Gear Box for mixing	Premium Inline Gear Box for mixing	Premium Inline Gear Box for mixing
Chassis	Heavy Duty, Robust & Balanced Chassis	Heavy Duty, Robust & Balanced Chassis	Heavy Duty, Robust & Balanced Chassis
Electronic Control Panel	Schneider Brand with USB Port	Schneider Brand with USB Port	Schneider Brand with USB Port
Main Electric Motor	10 H.P. Geared Motor Siemens / Crompton	15 H.P. Geared Motor Siemens / Crompton	20 H.P. Geared Motor Siemens / Crompton
Weighing System	Load cell based weighing system with Digital display batch controller.	Load cell based weighing system with Digital display batch controller.	Load cell based weighing system with Digital display batch controller.
Vibrator Motor	0.5 H.P. X 1 no.s	0.5 H.P. X 1 no.s	0.5 H.P. X 1 no.s
Water Pump Power	0.5 H.P. x 2 no.s	0.5 H.P. x 2 no.s	0.5 H.P. x 2 no.s
Gear Ring & Roller	Accurately Machines with gear cutting Operation supported by heavy duty rollers guide.	Accurately Machines with gear cutting Operation supported by heavy duty rollers guide.	Accurately Machines with gear cutting Operation supported by heavy duty rollers guide.
Jack leveling	Pin type (4 no.s)	Pin type (4 no.s)	Pin type (4 no.s)
Wheels	New Pneumatic wheels 4 no.s – 600 x 16 (Tractor Front Tyre)	New Pneumatic wheels 4 no.s – 600 x 16 (Tractor Front Tyre)	New Pneumatic wheels 4 no.s – 600 x 16 (Tractor Front Tyre)

REVERSIBLE DRUM CONCRETE MIXER - DIESEL



TECHNICAL SPECIFICATION

Model	RM-800D	RM-1050D	RM-1400D
Production Data	10-12 m ³ / hr	14-15 m ³ / hr	18-20 m ³ / hr
Input Volume / Output Volume	800 Liter \ 600 Liter	1050 Liter \ 660 Liter	1400 Liter
No. Hopper(bins)	1/3/4 Bin as required	1/3/4 Bin as required	1/3/4 Bin as required
Max. Aggregate Diameter (screed/crushed stone)	60/40 mm	60/40 mm	60/40 mm
Discharge Height	1.6 Meter	1.6 Meter	1.6 Meter
Hydraulic Cylinder	1 no.s	1 no.s	2 no.s
Hydraulic Pump	40 & 9 LPM Tandem pump Dowty / Boss	40 & 9 LPM Tandem pump Dowty / Boss	20 LPM Tandem pump Dowty / Boss
Gear Box	Premium Inline Gear Box for mixing	Premium Inline Gear Box for mixing	Premium Inline Gear Box for mixing
Chassis	Heavy Duty, Robust & Balanced Chassis	Heavy Duty, Robust & Balanced Chassis	Heavy Duty, Robust & Balanced Chassis
Electronic Control Panel	Schneider Brand with USB Port	Schneider Brand with USB Port	Schneider Brand with USB Port
Main Engine power & Alternate	Self Start 16 HP Kriloskar / Equiliant Air Cooled Diesel Engine with 2.0 KVA Alternator	Self Start 20 HP Kriloskar / Equiliant Air Cooled Diesel Engine with 2.0 KVA Alternator	Self Start 26HP Kriloskar / Equiliant Air Cooled Diesel Engine with 3.0 KVA Alternator
Weighing System	Load cell based weighing system with Digital display batch controller.	Load cell based weighing system with Digital display batch controller.	Load cell based weighing system with Digital display batch controller.
Vibrator Motor	0.5 H.P. X 1 no.s	0.5 H.P. X 1 no.s	0.5 H.P. X 1 no.s
Water Pump Power	0.5 H.P. x 2 no.s	0.5 H.P. x 2 no.s	0.5 H.P. x 2 no.s
Gear Ring & Roller	Accurately Machines with gear cutting Operation supported by heavy duty rollers guide.	Accurately Machines with gear cutting Operation supported by heavy duty rollers guide.	Accurately Machines with gear cutting Operation supported by heavy duty rollers guide.
Jack leveling	Pin type (4 no.s)	Pin type (4 no.s)	Pin type (4 no.s)
Wheels	New Pneumatic wheels 4 no.s – 600 x 16 (Tractor Front Tyre)	New Pneumatic wheels 4 no.s – 600 x 16 (Tractor Front Tyre)	New Pneumatic wheels 4 no.s – 600 x 16 (Tractor Front Tyre)



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