

Leading Manufacturer & Exporter of CONSTRUCTION EQUIPMENT







Energy Efficient Concrete Mixer



Mixer Cum Hoist Concrete Mixer



Reversible Drum Concrete Mixer

Hand Fed

Concrete Mixer



Hydraulic Hopper Concrete Mixer



Batching Plant **Brum Mixer**



Pan **Mixer**



Bar Cutting Machine

Passenger & Material Hoist









 Rack & Pinion
 Material
 Supervisional

 Multifunctional
 Material
 Bist (wire rope)

 Tower Hoist
 Image: Comparison of the second of the second





Energy Efficient Concrete Mixer

Hand Fed Concrete Mixer

Technical Data	EEE 300/350 D/E	EEE 400/450 D/E
Capacity(Unmixed)	300/350 Ltrs	400/450 Ltrs
Capacity (Mixed)	200/250 Ltrs	300/350 Ltrs
Water Volume	350 Ltrs	450 Ltrs
Power (Diesel Engine)	6 HP	6 HP
Power (Electric Motor)	5 HP	5 HP
Weight	600 Kgs	630 Kgs
Transmission	Roller Chain Drive	Roller Chain Drive
Drum Cone & Base	Fabricated with bevel gear ring	Fabricated with bevel gear ring
Production Rate*	4 - 5 CuM/Hr	6 - 7 CuM/Hr

*25 Batches/Hour

Features

- Light weight steel structure with built in **Reliability**.
- O Drum tilting control.

Include Contract of

- Reduce power consumption & Increase in Fuel Saving.
- 4 to 6 mm fabricated drum.
- Easy tilting of the drum through a large geared hand wheel.
- O Easy to tow.
- 360 degree swivel for easy & complete discharge.
- Wheels: Pneumatic or MS Wheels
- Prime Mover Electric Motor or Diesel Engine.

Optional

- Single Phase: Available with phase converter in Electric model.
- Industrial Application: Machine Mounted on Foundation for Special/Industrial Applications.
- O Stainless Steel Drum

Technical Data	EHF 200 D/E	EHF 300/350 D/E	EHF 400/450 D/E
Capacity(Unmixed)	200 Ltrs	300/350 Ltrs	400/450 Ltrs
Capacity (Mixed)	150 Ltrs	200/250 Ltrs	300/350 Ltrs
Water Volume	280 Ltrs	500 Ltrs	550 Ltrs
Power (Diesel Engine)	6 HP	6 H P	6 HP
Power (Electric Motor)	5 HP	5 HP	5 HP
Weight	760 Kgs	880 Kgs	890 Kgs
Drum Bottom Dish	Cast Iron	Cast Iron	Cast Iron
Drum Cone (MS)	3.15 mm	3.15 mm	3.15 mm
Production Rate*	1.8 CuM/Hr	4 - 4.5 CuM/Hr	6 - 7.5 CuM/Hr

*25 Batches/Hour

Features

O Built to Last, Robust Design.

30.0

- Easy to operate & Maintain.
- O Casted Drum Less Wear & Tear.
- Wear Resistant Bearing, Reduced power loss and increased Reliability.
- Sturdy Base Frame for stability & longer life.
- O Easy to Transport.
- Wheels: Pneumatic or MS Wheels with towing bar.
- O Prime Mover Electric Motor or Diesel Engine

- **Dual Drives:** Electric Motor & Diesel Engine on the same chassis. Easy Interchangeability of Power Source.
- Industrial Application: Machine Mounted on Foundation for Special/Industrial Applications.

Hydraulic Hopper Concrete Mixer

Mixer Cum Hoist Concrete Mixer

Technical Data	EHY 300H / 350 D/E
Capacity(Unmixed)	300/350 Ltrs
Capacity (Mixed)	200/250 Ltrs
Water Volume	500 Ltrs
Power (Diesel Engine)	6 HP
Power (Electric Motor)	5 HP
Drum Base	Cast Iron
Drum Cone	MS, 3.15 mm Thick
No of Bins	1 or 2
Production Rate*	6 - 8CuM/Hr

*40 Batches/Hour

Features

- Rugged & Reliable Design Principles.
- O Built in Reliability.
- Hydraulic pump directly mounted on prime mover.
- No misalignment and power loss.
- Pin Type Jacks for stability during operations.
- Easy to transport.
- Wheels: Pneumatic or MS Wheels with towing bar.
- Prime Mover Electric Motor or Diesel Engine.

Optional

- Dual Drives: Electric Motor & Diesel Engine on the same chassis.
- Easy Interchangeability of Power Source.
- Digital Weighing System: Load Cell based, with/without Print Facility Monitor & 2 Bin Hopper.
- Water Tank: Calibrated Water Tank 40 Ltrs.
- Water Dispenser System with Hydraulic pump.

Technical Data	EMH 300H / 350 D/E
Capacity(Unmixed)	300/350 Ltrs
Capacity (Mixed)	200/250 Ltrs
Water Volume	500 Ltrs
Power	10 HP, Diesel Engine
Winch	Mechenical Winch
Winch Lifting Capacity	450 kg Net / 200 Ltr.
Winch Height	Maximum 20 Metres
Lifting & Downward Speed	33 Mtrs / Min
Production Rate*	5-6 CuM/Hr

*25-30 Batches/Hour

Features

- Two-In-One combination with mixer & lifting winch.
- Cost Effective & Reliable.
- Easy Installation, Operation & shifting.
- One operator is sufficient to operate mixer as well as hoist.
- Positive Displacement Hydraulic system.
- O Reduced Maintenance Expenses & Increased Reliability.
- Prime Mover Electric Motor or Diesel Engine.

- Digital Weighing System: Load Cell based, with/without Print Facility Monitor & 2 Bin Hopper.
- Hopper: Hydraulically Operated Hopper.
- Mounting: Scaffolding/ Wall Tie.
- O Tower Structure: Pole/Channel/1.5 Mtrs. Tower.

Reversible Drum Concrete Mixer

Pan Mixer

EPM 100

100 Ltrs

900 mm

400 mm

36

3 H P

1000 Ltrs

2100 mm

700 mm

28/30

40 H P

EPM 300

300 Ltrs

1475 mm

500 mm

24/25

7.5 HP

Technical Data	ERD 600 D/E	ERD 800 D/E	ERD 1050 E
Capacity(Unmixed)	600 Ltrs	800 Ltrs	1050 Ltrs
Capacity (Mixed)	400 Ltrs	600 Ltrs	800 Ltrs
Power (Diesel Engine)	12.0 HP	16.0 HP	-
Power (Electric Motor)	12.5 HP	15.0 HP	20 HP
No of Bins	1,2,3 or 4	1,2,3 or 4	1,3
Water Tank	120 Ltrs	120 Ltrs	270 Ltrs
Drum Speed	12-13 RPM	12-13 RPM	12 RPM
Discharge Height	1440 mm	1440 mm	1650 mm
Drum Shell Thickness	6 mm	6 mm	6 mm
Drum Cone Thickness	4 mm	4 mm	4 mm
Production Rate*	8-10 CuM/Hr	12 CuM/Hr	16 CuM/Hr

Features

- O Sturdy & Robust Chassis.
- O Positive Hydraulic Transmission with Built in Reliability.
- Joy stick type Hydraulic control operation.
- Four Jack for better Stability.
- Easy Transportation with Pneumatic wheel.
- Calibrated Water Tank which is filled by Hydraulically or Electrically operated water pump.
 Electronic provide the provided of the p
- Electronic weighing system with Digital display.
- Positive drive for the drum Increased efficiency.
- Prime Mover Electric Motor or Diesel Engine.

Optional

- Dual Drives: Electric Motor & Diesel Engine on the same chassis.
- Vibrator on Hopper with Electrical Prime Mover.
- Digital Monitor with USB Port & Printing Facility.
- Programmable Water Dispenser System.
- SCADA System.
- O Stainless Steel Drum

*20-25	Batches	/Hour
20-23	Dateries	/ IIOui

Features

Capacity

PAN Diameter

PAN Height

Technical Data

PAN Diameter

PAN Height

RPM Motor

RPM

Motor

Capacity

- Used for mixing castable cement (refractory), chemicals, plastic granules, cattle feed.
- Feeding from top funnel & discharge from bottom sliding door.
- O Long lasting robust design with trouble free operations.

EPM 50

50 Ltrs

700 mm

250 mm

35

2 H P

EPM 500

500 Ltrs

1675 mm

600 mm

28/30

12.5 HP

- Overhead drive mechanism with motor & gearbox increases Reliability.
- Ample clearance between the drive mechanism and mix.

- Foundation Type
- O VFD
- O Bottom Drive
- 48 RPMStainless Steel Shell

Batching Plant Drum Mixer

Technical Data	EBP 20	
Mixer Type	Reversible Drum	
Batch Capacity	0.8 Cum	
Batch Cycle Time	90 Sec.	
Prime Mover for Mixer	12.5 HP Electrical Motor	
Plant Assembly	On Heavy Duty Single Chassis	
Total Wheels	2 No. of pneumatic Wheels	
Concrete Discharge Height	1.2 Metre From the Ground Level	
Gate Operating System for Feeder	Pneumatic Control System	
Total Pneumatic Cylinders	4 Nos.	
No. of Aggregate Load Cell	4 Nos. 'S' type.	
Production Rate	20 CuM/Hr	

EB P20

Features

- Reversible Drum Mixer
- O Compact Design.
- Can handle upto 40 mm down grade aggregates.
- Easy maintenance.
- Low maintenance cost.
- Low operation cost.
- Fully automatic PLC controlled HMI.
- Separate weighing for aggregate, water & cement.
- O Option of stationary & mobile application.
- Concrete foundation not required.
- Can be shifted easily with tractor.

Optional

- Fly Ash.
- Admixture.
- Scada System



ESQUIRE





Suspended



Model ESP 1000 ESP 800 Rated Load (kg) 1000 kg 800 kg Wire Rope Dia Ø (mm) 10.2 mm 9.1 mm Maximum Height 100 mtrs. 100 mtrs. Ascend Speed 8.0 m/min 9.0 m/min (2.5m x 2 nos.) + (2.5m x 2 nos.) + Suspended Platform size (L x W) (1.5 x 1 no.) + (1m x 1 no.) - (L) 7.5m x (W) 0.69m (1.5 x 1 no.) + (1m x 1 no.) - (L) 2.5m x (W) 0.69m Hot Dip Galvanized / Painted Hot Dip Galvanized / Painted Platform Structure LTD 100 LTD 80 Hoist Model Rated Lifting Force 10 KN 8 KN Hoist Power 2.0 Kw x 2 nos. 1.8 Kw x 2 nos. Electric Voltage 415V, 50 Hz 415V, 50 Hz Motor Braking torque 15 Nm. 15 Nm. Impact Force 30KN 30KN Safety lock type Locking Distance <100 mm <100 mm Locking Angle 3 - 8° 3 - 8° Height Adjustment 1.15m-1.75m 1.15m-1.75m Suspension mechanism 1.1m-1.75m 1.1m-1.75m Front Beam Extent Suspended Platform 650 kgs. 530 kgs. (inc. Hoist, safety lock, Electric Machine control box) Weight **Counter Weights** 1.2 ton (48 nos.) 1 ton (40 nos.)

Features

- Reliability Built in Safety System.
- Anti Tilting Safety Lock For Breakage.
- High Quality Steel Wire Rope.
- Upper Limit Switches.
- O Control Panel with Emergency Stop
- O Remote Control.

Optional

O Side Extension

O Front Extension

O Parapet Clamp



Upper Limit Centrifugal **Speed Limit** Switch



Remote

Hoist Motor











Note: The technical specifications of the products may vary depending on the models, and are subject to change without prior notice.

Passenger & Material Hoist

Technical Data	EPH 100	EPH 160	EPH 200
Drive Mechanism	Rack & Pinion	Rack & Pinion	Rack & Pinion
Capacity (Kg)	1000 Kg	1600 Kg	2000 Kg
Max Height (Mtr.)	150	350	350
Speed (M/Min.)	0 -30 M/Min.	0 -30 M/Min.	0 -30 M/Min.
Motor Power	9.2 KW(50HZ) X 2Nos.	11 KW(50HZ) X 2Nos.	11 KW(50HZ) X 3Nos.
Safety Device	SAJ 30	SAJ 40	SAJ 40
VFD	(22 Kw)	(30 Kw)	(37 Kw)
Cage Size (Mtr.)	2000L X 1300W X 2100H mm	3000L X 1500W X 2200H mm	3000L X 1500W X 2200H mm
Landing Platform (Mtr.)	0.8 (L) X 1.3 (W)	0.8 (L) X 1.5 (W)	0.8 (L) X 1.5 (W)
Wall Tie Interval (M)	6	6	6
Mast Size	Square 450 X 450 X 1508 mm	Square 650 X 650 X 1508 mm	Square 650 X 650 X 1508 mm
Section	Round Tube 60.8 mm dia 4.5 mm thk	Round Tube 76.2 mm dia 4.5 mm thk	Round Tube 76.2 mm dia 4.5 mm thk
Fixing Angle	Size - 40 X 40 X 5 thk/IS2062	Size - 50 X 50 X 6 thk/IS2062	Size - 50 X 50 X 6 thk/IS2062
Rack Module	6	8	8

Features

- Low Maintenance and Operating Cost.
- O Square Mast
- o 6/8 Module Rack
- Sturdy pipe of 2"/2.5" dia
- Adjustable wall tie upto 400 mm
- Cable trolley
- VFD for Smooth Operation.
- Limit Switches for Safe Operation.
- Easy Operating Procedure.

- Overload Protection System with Indicator
- Floor Selector with HMI display
- O Hot Dip Galvanized Mast
- O Twin Cage
- Lightening Arrester.
- O Busbar
- Bio Metric Operational Panel
- Speed 45/60/90 mtrs per min

Rack & Pinion Multifunctional

Technical Data	ETR 100	ETR 150	
Gross Load	1000 kg.	1200 kg.	
Net Load	750 kg.	1000 kg.	
Gear Rack Module	5	5	
Speed	30 Mtr./Min	30 Mtr./Min	
Height	120 Mtr.	120 Mtr.	
Mast Section Square 500mm X 400mm 1.5 Mtr. L50X50X6mm A		Square 500mm X 400mm X 1.5 Mtr. L50X50X6mm Angle	
Wall Tie Interval	6 Mtr.	6 Mtr.	
Cable Guide Interval	6 Mtr.	6 Mtr.	
Rect. Cage. (Inside)	1.5(L)X0.8(W)X0.7(H) Mtr.	1.5(L)X0.8(W)X0.7(H) Mtr.	
Motor Power	1 X 6.9 KW	1 X 9.5 KW	
VFD	7.5 KW	11 KW	
Power Supply	400V(±5%) 50 Hz	400V(±5%) 50 Hz	

Features

- Centrifugal Brake (safety device).
- Cage doors limit switch.
- Top limit switch.
- Bottom limit switch.
- Over travel final limit switch at top/bottom ends.
- Rack search limit switch.
- Emergency stop (on cage control panel & Remote pendant).
- Power supply main switch.
- Hand release break for Emergency reach to nearest lower floor.
- Rebar Home Position Limit Switch.

Optional

- Concrete Bucket Tilting Type.
- Rebar carrier 7 Mtr long Horizontal (500kg).
- Erection Crane Manual type.
- Floor Selection.
- Load Cell.



Centrifugal Safety Device



Drive Unit

Material Hoist (Wire Rope)

Winch Unit (Brake Motor)

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Winch Unit (Conventional)

Contraction of the local division of the loc

1000 Kgs

750 Kgs

Technical Data	ETB 1000	ETB 1500
Gross Load	1000 Kgs	1500 Kgs
Net Load	750 Kgs	1200 Kgs
Wire Rope	12 mm	12 mm
Diesel Engine	NA	NA
Electric Motor	10 HP*/12.5 HP	12.5 HP
Speed	30-35 Mtr/Min	30-35 Mtr/Min
Max Height	125 Metres 125 Metres	
Mast Section	500mm x 400mmx 1.5Mtr. 50 x 50 x 6mm high tensile material	
Rectangle cage (Inside)	1320 x 800 x 610 mm	1400 x 1000 x 500 mm
		*Upto 80 Mtrs

Features

- The State of Art Design.
- O Built in Reliability & Safety.
- Sturdy & Rugged Structure.
- O Inbuilt Mechanical Locking System / Free Fall Protection.
- O Power Fail Safe Brake Motor.
- Top & Bottom Limit Switch with Brake Motor Hoist.
- O Mechanical Safety Device for Bucket

Wire Rope	10 mm	12 mm	12 mm
Diesel Engine	10 HP	12 HP	16 HP
Electric Motor	10 HP*/12.5 HP	12.5 HP	15 HP
Speed	30 Mtr/Min	30 Mtr/Min	30 Mtr/Min
Max Height	40 Metres	60 Metres	65 Metres
Mast Section	380mm x 300mm x 2.5Mtr. 65 x 65 x 6mm		500mm x 300mm x 2.5Mtr. Front 65 x 65 x 8mm Rear 65 x 65 x 6mm

750 Kgs

500 Kgs

*Upto 80 Mtrs.

1500 Kgs

1200 Kgs

Optional

Gross Load

Net Load

- Scaffolding or Wall Tie Ins.
- Bucket Options:
 - Tilting Bucket
 - Rectangular Bucket
 - Multi Utility Bucket
- Interchangeable Bucket
- Re-Bar Carrier (7Mtr) Horizontal (500kg).
- Floor Selection
- O Erection Crane
- Wheels
 - Pneumatic / MS Wheel / Foundation Type



Tilting Bucket 0.3 - 0.4 Cum/Mtr



Re-Bar Carrier

	Bar Bending Machine		Bar cutting Machine
Technical Data	EBB 42	Technical Data	EBC 36
Number of Bars	10 8 6 5 4 2 1 1 1	Number of Bars	4 3 3 2 1 1 1 -

Technical Data	EBB 42								
Number of Bars	10	8	6	5	4	2	1	1	1
L.H. Tensile TMT Bar 65 Kg mm² (Max. Dia)	6	8	10	12	16	20	25	32	36
Power	3 Phase 5 HP								
Output in RPM	8.3								

Technical Data	EBC 36								
Number of Bars	4	3	3	2	1	1	1	-	-
L.H. Tensile TMT Bar 65 Kg mm² (Max. Dia)	8	10	12	16	20	25	32	36	40
Power	3 Phase 5 HP								

Features

- Flush type panel helps for free movement of operator.
- Safety lock on pin ensures the roller does not come out while machine is in operation.
- Stand for bar guiding and length measurement.
- O Moveable saddle and rollers for quick Operation
- Pre-set bend angle selection through control panel.

Features

- Dynamically balanced fly wheel offer longer life for moving parts and smooth operation.
- Hardened surface where the TMT rods moves while cutting helps less wear and tear and in turn process higher tonnage of steel.
- Safety cover on blade to prevent any chance of accidental material discharge after cutting.
- Double sealed bearings help to prevent the entry of foreign particles, suitable for construction site conditions.
- Fitted with caster wheels for easy transportation.

Concrete Cart



• Capacity - 7 Cubic Feet







Features

- Capacity 1.25 & 2.5 cubic feet
- O Pneumatic or polymer wheel
- O Single or Two wheel option

Features

- Most convenient way to handle concrete at height.
- TBT can deliver concrete in bulk quantity.
- By using TBT the quality of concrete remains consistence.
- By this system we can get benefit in labour cost of handling concrete at a height.

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To enhance customer satisfaction and our brand image domestically & globally and achieve exponential growth by leadership through higher technology products and services.

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- Provides cost effective welding solutions
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- QUALITY POLICY
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- To analyze the specific problems of clients and suggest optimal state-of-art solutions t echnically and economically.
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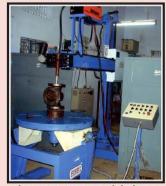
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2/27/2021

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