



Jaypee India Ltd.

REGISTERED OFFICE:

11 Dr. Rajendra Prasad Sarani (Clive Row)
Kolkata 700 001, India
T: +91 33 2242 3681/9514
F: +91 33 2243 2545

FACTORY (KOLKATA):

Jaypee Estate on NH-6
Village - Ankurhati, P.O - Salap
Howrah - 711409, India

FACTORY (MUMBAI):

Winget House, Plot No. L-134
Taloja Industrial Area, Midc
Dist. Raigad, Navi Mumbai - 410208
T: 022 2740 1535

solutions@jaypee.in
www.jaypee.in



+91 90512 34444

ENHANCING TRUST



REBAR PROCESSING
Equipment



CONCRETE PROCESSING
EQUIPMENT



COMPACTION
EQUIPMENT



LIGHT CONCRETE
COMPACTION EQUIPMENT



MAN & MATERIAL
HANDLING EQUIPMENT

WINNING THROUGH CONSTANT INNOVATION

Since its inception in 1982 Jaypee® India Limited has constantly upgraded its portfolio with diverse offerings, challenging projects and impressive clients. Our reputation is built on technical expertise, professional approach and commercial integrity. We build long term, successful partnerships with our clients based on mutual trust and respect.

Today, Jaypee's wide range of products includes Rebar Bending Machine, Bar Cutting Machine, Batch Mix Plant, Concrete Mixer, Automatic Batching Plant, Walk Behind Vibratory Roller, Suspended Platform Hoist, Passenger & Material Hoist, Multi Function Hoist etc.

Our advanced manufacturing facility located on the outskirts of Kolkata on NH6 is a state of art unit with modern material handling equipment and up to date infrastructure facilities. Built on area of 15 Acres of land, the facility boasts of a dedicated R&D unit, a Machine Tool Centre, Fabrication Shop and Assembly line.

Modern machine tools such as Horizontal Machining Centre, CNC Turning Centre, Vertical Machining Centre, CNC Milling, CNC Gear Hobbing, CNC Plasma Cutting, VTL and advanced material handling system including an assembly line enhance the production capacity and provide in-house quality checks.

Enhancing Trust

We began our journey almost three decades ago with a simple mission of "Enhancing Trust". With a single motto in our heart we began manufacturing general construction machineries in 1982 and provided our customers with world class quality at the most competitive prices. This eventually helped us achieve the unparalleled trust of our customers and gave us the push to achieve even greater heights.

With a dedicated team of dynamic, qualified professionals we provide optimal engineering solutions meeting client requirements. We build long term, successful partnerships.

We at Jaypee® believe that sky is the limit for success but trust of our consumers is the ladder to that success, and thus it has always created a bond of trust with the clients.

Delivering superb service really is at the core of what we're about. We strive to do this day in, day out. Building on this experience and expertise, we are now ready with a pan-India growth strategy to deliver an unprecedented number of high-quality projects in the forthcoming years. As we embark on an exciting new chapter in our corporate existence, I humbly look forward to your continued support for all our endeavours.

Shri Jay Mehta - Chairman, Founder

Quality

A dedicated quality control team assures that every Jaypee® product meets the highest standards of dedication and workmanship. Inspection is carried out in various stages starting with chemical tests of the raw materials that are being used till the machine productivity check which is carried out before despatch. Latest measurement tools and skilled professionals provide Jaypee Assurance to every product which is manufactured at our facilities.



CONSTRUCTION ➤
equipment solutions



BAR BENDING MACHINE

JAYMAC® Bar Bending Machine is a semi automatic, durable fast and cost effective machine, used for bending reinforcement bars and various forms of round bars.

This machine effectively increases the production capacity of your steel yard, minimising the use of manual labour.

The automatic angle selection permits a precise bend at a preset angle making it one step bending process for various forms of bends and stirrups. Bar Bending Machine is easy to use, the machine can be operated by a layman with minimal experience.



FEATURES

Set on a wide body with a heavy duty gearbox, JAYMAC® Bar Bending Machines boast of a rigid design which helps maintain the performance of the machine year after year. An oil bathed gearbox with hardened forged alloy gears provide maximum strength and innovative features such as push button bending give operator comfort.



Model	R.P.M Machine	Motor H.P.	Kg/mm² 45			Kg/mm² 65			Kg/mm² 80			Dimensions L×W×H	Weight approx.
			1	2	3	1	2	3	1	2	3		
			Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø		
B 36	9	5	36	20	10	32	16	8	25	12	6	860 × 910 × 880 MM	500 KG
B 42	8	5	42	25	12	36	20	10	32	16	8	960 × 970 × 900 MM	700 KG
B 52	6	7.5	52	32	20	42	25	16	36	20	12	960 × 970 × 900 MM	780 KG
B 55	5.6	7.5	55	36	28	48	32	28	44	28	20	1100 × 1037 × 892 MM	820 KG

BAR SHEARING MACHINE

JAYMAC® Bar Shearing Machine is robustly built to with stand the stress while shearing of rebar and various forms of steel bars.

Durable fast and easy to use, this machine gives a one-shot cutting operation with perfect cutting accuracy thus minimising the use of labour and long drawncutting process for single cuts.

This workhorse knows no stop as it can be effectively put to use for a constant round-the-clock production.



Model	R.P.M Machine	Motor H.P	Kg/mm ² 45			Kg/mm ² 65			Kg/mm ² 80			Dimensions L×W×H	Weight approx.
			1	2	3	1	2	3	1	2	3		
			Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø	Ø		
C 28	90	3	28	16	8	25	12	6	20	10	10	835 × 560 × 825 MM	450 KG
C 36	90	5	36	20	10	32	16	8	25	12	6	1050 × 600 × 920 MM	480 KG
C 42	90	5	42	25	12	36	20	10	32	16	8	1200 × 750 × 910 MM	680 KG
C 52	47	7.5	52	32	20	42	25	16	36	20	12	1300 × 710 × 940 MM	770 KG
C 55	40	7.5	55	36	28	48	32	28	44	28	20	1325 × 720 × 940 MM	800 KG

- Jig locator for rigid holding of bars while shearing.
- Electrical safety devices ensuring safe operation.
- Special tool steel cutting blades are carefully heat treated for a longer cutting life.
- Safety cover for operator protection while shearing.
- Available with Single Phase of Three Phase (C 28 model)



FEATURES

A high power torque generator in the form of a solid flywheel is what, gives JAYMAC® Bar Shearing Machines unmatched strength and robustness. A shock resistant tool steel, duly heat treated, forms the innovative Eight Edged Blade giving longer operational life to the cutting tool.



BAR DE-COILING AND STRAIGHTENING MACHINE

Jaymac® Automatic Steel Bar De-coiling Straightening and Cutting Machine is an innovative design for straightening round steel, hot and cold rolled rebar, ribbed steel and thread screw steel. Used for building construction and by steel rolling mills. This automatic machine has high traction speed, straightening stability and cutting for working in a better, safe, and continuous output.

The speed of the machine is 55m/min with flying shear & advance PLC Control Panel, capable of cutting 99 different lengths up to 99mtrs in a single setting. Hyperbolic Roller is used for accurate straightening without causing any damage to the rebar.



Model	ST - 14
Round Bar: 4 ~ 14 mm	Reinforce Steel Bar: 6 ~ 12 mm
Wire Transportation Speed	55 m/min
Wire Design Length (cab be incresed)	450 mm ~ 99.99m
Cutting Length Error	± 2 cm
Shearing Motor Power	7.5 kw 10 HP
Straightening and Drive Motor Power	15 kw 20 HP
Dimension	2800 x 760 x 1150 mm
Net weight (approx.)	950 kg
6 Mtr. Stand	Included



PROCESS

Cold rolled coils are put in through high speed drive rollers and straightened using hyperbolic rollers, set in a straightening spinner. Cut to length bars are achieved using digital measurement of bars via encoders.



DIGITAL BENDING MACHINE

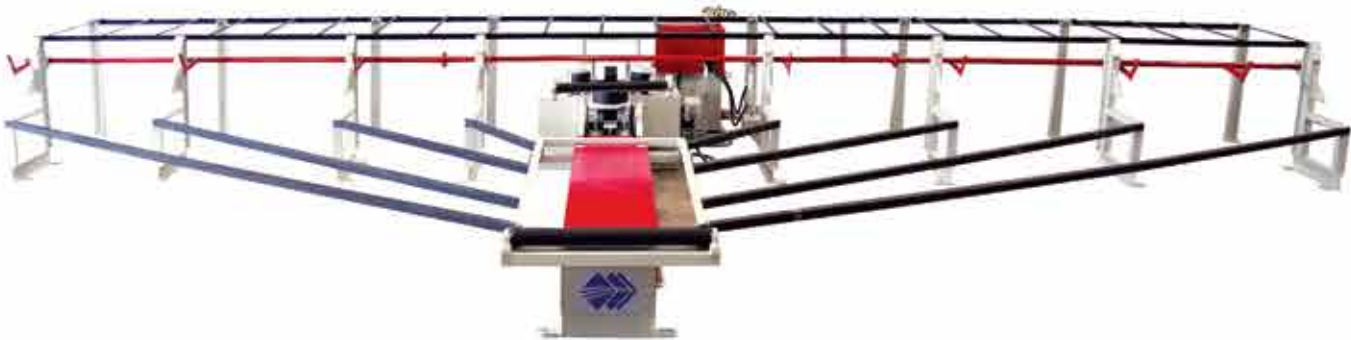
5AB Series Digital Machines

PLC controlled bending machines to give options of upto 5 angles selection using rotary selector switch. Easy to use feature gives quick change of angles to operator.



U BENDING MACHINE

- Automatic U bending of TMT rebars without using expensive manpower.
- Upto 5 nos 20mm diameter rebar bending at a time.
- Can bend upto 32mm diameter TMT rebars.
- Extremely economical power consumption.
- U bending time maximum 15 secs.
- Optional automatic bar feeding arrangement available.
- Robust equipment with long life guaranteed.



MODEL	5AB Series Digital Machines
No. Of Selectable Angles	4
Stirrup Bending Menu	1
PLC Control	Yes
Applicable Models	All

MODEL	DB Series Digital Machines
No. Of Selectable Angles	9
Stirrup Bending Menu	3
Human Interface	Yes
PLC Control	Yes
Touch Screen	Optional

DB Series Digital Machines

PLC controlled bending machine with advanced angle reading system and human machine interface. Latest in technology features gives user option to integrate the machine to automatic lines and program bending as per requirements. Also available with touch screen option.

Model	UB30
"U" Bending Capacity	12 × 12 mm Max. 28 mm
"U" Bending Length	12/2 Fixed
Motor	5 HP (3.7 KW)
Hydraulic System	Full Hydraulic
Dimension	4540 × 1690 × 950

Model	UB40
"U" Bending Capacity	12 × 12 mm Max. 32mm
"U" Bending Length	12/2 Fixed
Motor	7.5 HP (5.5 KW)
Hydraulic System	Full Hydraulic
Dimension	4540 × 1690 × 950



RADIUS BENDING MACHINE

JAYMAC® Heavy-duty Radius Bar Bending Machine will radius up to 35mm rebar.

RB 36 comes with a standard 2-speed drive motor, adhering to most safety requirements it is an efficient and quicker bender used for making circular rings.



JAYMAC® Radius Bender is designed to bend radius rebar without the need to pre-bend the end of the bar. Keeping the operator's hands away from the forming rolls allows safe operation. The Radius Bender has been designed with a guard for making rings in a safe operation. After forming the ring, the finished shape is lifted out of the machine while the guard hinges and returns to the closed position. The drive rollers do not rotate while the guard is open.



Safety Cover



Advanced electrical control panel



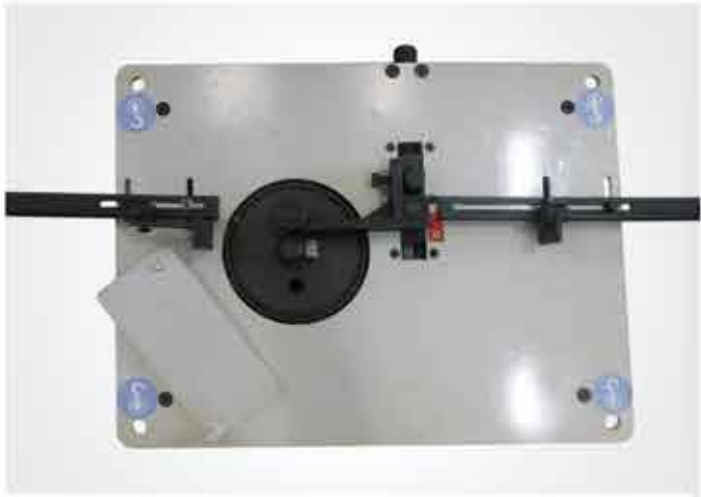
One step radius bending process

STIRRUP BENDING MACHINE



With its wide experience in the field of manufacturing construction equipment, Jaypee has now come up with the world class stirrup bending machines. These stirrup benders from Jaypee are manufactured by an expert team of engineers and hence are innovative and user friendly.

The stirrup bar bending machines from Jaypee are robust designed and are available in both standard and customized configurations to suit unique customer requirements.



MODEL	SB - 14
Length	850 mm
Width	685 mm
Height	885 mm
Weight (approx.)	400 KG
Machine	20 RPM
Max. Bending DIA	12 mm - FE 500 TMT
Power Rating	1.1 kw
Control	415 V, 3 DIA, A.C
Minimum Stirrup Size	100 × 100 mm

FEATURES

- Innovative with Digital Control Panel
- Flexible with Adjustable Rebar System
- Durable with Corrosion Resistance Properties
- Available in Both Manual and Auto-matic Configurations
- Any size of Stirrups can be done

Model	RB 36	RB 42
Capacity	28 mm bar	32 mm bar
	Grade 60 or 65kg/mm²	
Motor	Feed Motor	Feed Motor
	3hp 2-speed motor	5hp motor
	440 VAC 3-Phase 50Hz Standard	
Feed Rate	44 Meters/Minute or 22 meters/minute	22 Meters/Minute
Dimensions	1001×1050×930 mm	1001×1050×930 mm
Weight (approx.)	700 Kgs	750 kgs

10/7 CONCRETE MIXER



Jaypee® 10/7 Capacity Concrete Mixer is renowned for its robust build, rigidity and long life. Adhering to IS 1791:1968 the mixer provides an uniform mix for a reliable operation.

A concrete mixer is popularly known as a cement mixer. The concrete mixers from Jaypee are used to mix cement, aggregates like sand, gravel and water to form quality concrete and form a strong base for buildings.

These concrete mixers from Jaypee are the essential batching machines used in the construction industry.



TECHNICAL SPECIFICATIONS:

- Model No: 10/7 concrete mixer
- 2550 × 1680 × 2600 overall dimension
- Electronic load cell system
- Digital Panel Board
- In line water flow meter

You get custom designed concrete mixer from Jaypee, a leading concrete equipment manufacturing unit of India.

While this construction equipment is capable of preparing large amount of quality concrete at a single point of time, you can also get small concrete mixers from this leading construction machine exporter; saving your time and hard earned money.

TYPES OF CONCRETE MIXER

- High Capacity Concrete Mixing Drum
- Low Capacity Concrete Mixing Drum
- Mechanical Concrete Mixer
- Diesel Concrete Mixer
- Electric Concrete Mixer
- Hydraulic Concrete Mixer

The concrete mixer from Jaypee, a leading concrete mixer manufacturer comes with several additional safety features. These concrete mixers are innovative to meet the dynamic requirements of any leading construction company in India.

MODEL	10/7 - D / E
Drum Capacity	300 Ltr
Drum RPM	19 RPM
Overall Dimension (L×W×H)	2600 × 2300 × 2300
Prime Mover	6 HP Kirloskar TAF 1 Engine / 5 HP Electric Motor
Prime Mover Cabin	Steel Body with Sliding Door
Loading Hopper	Hydraulic Operated with Heavy Duty Power Pack
Hydraulic Pump	19 LPM gear pump @ 207 bar
Weight (approx.)	850 Kg
Optional Features	Weigh Batching System



BENEFITS & FEATURES

- Easy to Operate
- Convenient Discharge
- Fabricated Yoke and give Optimum Performance
- Wide Wheel Base To Give Better Stability
- Easy Swivel Arrangement
- Convenience of Lubrication
- Easy to Transport Chassis
- Mixing Drum for Fast Perfect Mixing
- Transmission - Extra Efficiency at no extra cost
- Housing - For Safety a Hopper - that Discharges in Record Time
- Optimum Performance
- Minimum Maintenance
- Rust Resistant
- Easy to Handle
- 10/7 cft tilting drum mixer
- Saves lot of time since mixer discharges right in to the hoist bucket
- Single man can operate both the mixer and the vertical lifting bucket

10/7 CONCRETE MIXER WITH HOIST

Jaypee® 10/7 Concrete Mixer with Lift is fabricated using high grade components, procured from our authentic vendors in the market. We also use the most innovative technology and hi-tech machines to manufacture this product. Made as per the prevailing norms and regulations of the industry, our offered concrete mixers are widely appreciated in various construction and allied industries.



The concrete lift machines are manufactured at Jaypee adhering to IS 1791:1968. These concrete lifts undergo extensive quality tests prior to delivery and hence there are negligible chances of getting faulty concrete machine lift.

Concrete lift machine has the ability of melt stirring and lifting. Through the different height of ladder, the hoisting machine and carriage, the concrete inside lifting bucket can be promoted to different floors. The lifting concrete has the advantages of easy operation, reduced labor and material consumption; shorten construction time, and high construction efficiency.

TYPES OF CONCRETE MIXER

- High Capacity Concrete Mixing Drum
- Low Capacity Concrete Mixing Drum
- Mechanical Concrete Mixer
- Diesel Concrete Mixer
- Electric Concrete Mixer
- Hydraulic Concrete Mixer

The concrete mixer from Jaypee, a leading concrete mixer manufacturer comes with several additional safety features. These concrete mixers are innovative to meet the dynamic requirements of any leading construction company in India.



MODEL	CMH - 1 D / E
Drum Capacity	10/7 cft
Prime Mover	10 HP Kirloskar Engine / 7.5 HP Electric Motor
Prime Mover Cabin	With Sliding Door
Loading Hopper	Hydraulic Operated with Heavy Duty Power Pack
Concrete Mixing Time	3 Min (Approx)
Drum Speed	19 rpm
Lift	2 Poled Method
Winch Lifting Capacity	450 kg
Winch Height	20 mtrs.
Weight (approx.)	1460 Kg
Production Rate	5 – 6 m³/hr

BENEFITS & FEATURES

- Easy to Operate
- Convenient Discharge
- Fabricated Yoke and give Optimum Performance
- Wide Wheel Base To Give Better Stability
- Easy Swivel Arrangement
- Convenience of Lubrication
- Easy to Transport Chassis
- Mixing Drum for Fast Perfect Mixing
- Transmission - Extra Efficiency at no extra cost
- Housing - For Safety a Hopper - that Discharges in Record Time
- Optimum Performance
- Minimum Maintenance
- Rust Resistant
- Easy to Handle
- 10/7 cft tilting drum mixer
- Saves lot of time since mixer discharges right in to the hoist bucket
- Single man can operate both the mixer and the vertical lifting bucket

REVERSIBLE DRUM BATCH MIX PLANT



Model : EX 1050E/D



Model : EX 550E

Jaypee® Reversible Drum Mixer has become most reliable for quality output and maintenance free operation. One of the most widely used machine tool is the Reversible Drum mixer. They are the typical reversible type concrete mixer where concreting is done using a revolving drum. Designed to deliver sturdy construction a reversible drum 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.



Model : EX 850E



Model : EX 1400E



BENEFITS & FEATURES

- Uniform mixing achieved with accurate setting of mixing blades and drum rotation adhering to IS Specifications.
- Shutter vibrator on the discharge shoot avoids clogging of materials during discharge from the hopper.
- Four wheel set chassis for sturdy maneuverability.
- Imported Hydraulics for continuous performance.

Model	EX-550-E	EX-850-E	EX-1050-E	EX-1050-D	EX-1400-E
Hopper Capacity (Dry)	550 Kg	850 Kg	1100 Kg	1100 Kg	1400 Kg
Batch Capacity (Wet)	0.3 m³	0.4 m³	0.5 m³	0.5 m³	0.66 m³
Machine Output / Hour *	9 m³/hr	12 m³/hr	15 m³/hr	15 m³/hr	18 m³/hr
Power	7.5 HP (5.5 Kw) Elec. Motor	10 HP (7.5 Kw) Elec. Motor	15 HP (11 Kw) Elec. Motor	16 HP Diesel Engine	15 HP (11 Kw) Geared Motor
Weighing Type	1 Bin	3 Bin	3 Bin	3 Bin	3 Bin
Water Dozing	Digital	Digital	Digital	Digital	Digital
Water Tank Capacity	120 Liters	150 Liters	200 Liters	200 Liters	250 Liters
Weighing System	Load Cell Based Weighing System with Digital Display				
Hydraulic Pump	17 lpm @170 bar	19 lpm @170 bar	19 lpm @200 bar	27 lpm @200 bar	27 lpm @200 bar
Gear Ring & Roller	Accurately Machined With Gear Cutting Operation Supported by Heavy Duty Guide Rollers				
Wheels	Pneumatic Wheels (4Nos.) 6"X 16"	Pneumatic Wheels (4Nos.) 6"X 16"	Pneumatic Wheels (4Nos.) 6"X 16"	Pneumatic Wheels (4Nos.) 6"X 16"	Pneumatic Wheels (4Nos.) 7"X 19"
Jack Leveling	Pin Type (4 Nos.)	Pin Type (4 Nos.)	Pin Type (4 Nos.)	Pin Type (4 Nos.)	Pin Type (4 Nos.)
Dimensions (L×W×H)	3240 X 1450 X 2650 mm	4000 X 1650 X 2700 mm	4690 X 1890 X 2900 mm	4600X 1890 X 2740 mm	4816 X 2000 X 3100 mm
Weight (approx.)	1500 Kg	1830 Kg	2280 Kg	2650 Kg	2950 Kg
Special Attachment Fitted with Each Machine	A) Special Design Hopper Vibrator B) Centralized Lubricating System				
Optional Features	A) Printing System with USB B) Admixer Dozing C) With Conveyor System				

* Output calculated at 30 Batches per hour as per M 20 grade & Concrete i.e 1:1.5:3

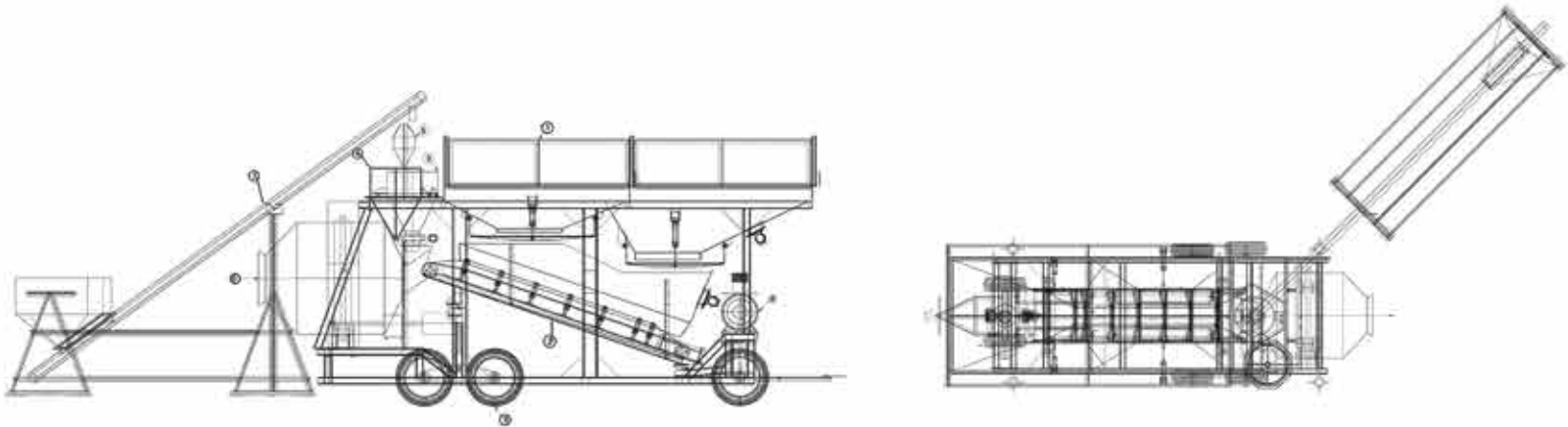
AUTOMATIC BATCHING PLANT (ABP-20)

ABP20MR Automatic batching plant by Jaypee® provides a cost effective complete concrete producing solution. The innovative design of the plant with pan mixer and also reversible type provides easy and low cost transportation and mobility for the complete unit. Automatic Batching plants employ computer-aided control to assist in speedy, precise measurement of input elements as well as tie together the various parts and accessories for coordinated, secure performance for longer functional life.



Model	ABP 20
Output	18 m ³ / hr
Mixer Capacity	0.5 m ³
Power Transmission	15 HP Geared Motor
Control System	Fully Automatic / Manual
Mixer Type	Reversible Drum / Pan
Dry Capacity	1400 Ltr
Drum RPM	18 rpm
Frame and Chassis	All Rigid Steel Structure
Weighing Conveyor	To feed aggregate from storage bins to mixer
Weighing System	Digital load cell based weighing system
Aggregate Storage Bin & Capacity	Total 8 m ³
Water Dozing	Automated Weighing Based
Admixture Dozing	Automated Weighing Based
Cement Feeding System	Screw conveyor feeding & auto controlled load cell based digital weighing
Power Consumption	34 HP / 25 KW

1. Four bin feeder
2. Aggregate weighing conveyor
3. Cement weighing hopper
4. Water tank
5. Admix doxing weighing tank
6. Reversible mixer drum/pan mixer
7. Screw Conveyor
8. Air compressor
9. Electric control panel
10. Wheel for Mobility



BENEFITS & FEATURES

- High Mobility
- User Friendly
- Robust Design
- Large Capacity
- High Performance
- Heat Proof Control Cabin
- Hydraulic Discharge System
- Excellent OutputLow Maintenance Cost
- Innovative Modern Technology
- Automatic Plant that is Controlled by Computerized Techniques

STATIONARY CONCRETE BATCHING PLANT

The sturdy construction of the concrete processing equipment helps in maintaining low cost of production and least usage of labor requirement by our clients. With our automatic batching plant, you can effectively get rid of the unexpected construction

problems and sudden cost overruns that could delay your project start-up dates and raise the planned budget. The batching plant is pre assembled and factory tested before shipment; thus, the guaranteed way to rapid on site set up and start up.



BENEFITS & FEATURES

- High Mobility
- User Friendly
- Robust Design
- Large Capacity
- High Performance
- Heat Proof Control Cabin
- Hydraulic Discharge System
- Excellent OutputLow Maintenance Cost
- Innovative Modern Technology
- Automatic Plant that is Controlled by Computerized Techniques

Model	Unit	ABP30SP	ABP45SP/ST
Type		Stationary	Stationary
Compacted Concrete	m ³ /hr	30	45
Mixer Specification			
Type Of Mixer		Pan Mixer	Planetary / Twin Shaft
Mixer Capacity	m ³	0.5	0.75
Input/output Capacity	Liter	750/500	1250/750
Motor Power	HP	30	40
Aggregate Bin			
No. Of Compartments	No.	4	4
Capacity Of Each Compartment	m ³	10	10
Weighing System		Electronic Digital	Electronic Digital
Cement Scale	Kg	300	600
Water Scale	Liter	150	300
Additive Scale	Kg	10	10
Water Pump			
Connected Power	HP	3	3
Cement Screw Conveyor			
Diameter	mm	219	219
Connected Power	HP	12.5	12.5
Air Compressor			
Connected Power	HP	3	3
Control Panel		PLC based with Auto & Manual Option	PLC based with Auto & Manual Option
Total Connected Load	HP	74	96

PASSENGER AND MATERIAL HOIST

To serve the increasing demand for high-rise construction we offer the high speed VF hoist, with a Maximum lifting speed of 96m/min. A few salient features of these hoists are

FEATURES

- In single and in twin cage configuration.
- Innovative design and excellent comfort.
- Electric cabinet of stainless steel inside the cage.
- Dual entrance at base landing level is optional.
- Wide range of functions and optional equipment.
- High speed variable Frequency Hoist. Curved and Inclined hoist and Mini hoists.



- Adopts the most advanced VF speed control device and microcomputer programmable logic controller.
- Step-less speed control helps eliminate the concussion during start-up and braking, makes the operation steady and ensures automated levelling.
- Adopts open loop VF control; the speed precision can reach $\pm 2\sim 3\%$. Realising the accurate low speed positioning of the hoist, thus avoiding slipping during downward stopping of the hoist.
- The VF system has current restriction function ensuring lower current in motor start-up and reduces the concussion to power supply. This reduces the energy consumption at site.
- The steadiness during operation, mitigates concussion to mechanical parts, reduces wears of rack, pinion and the brake, prolonging the life of these parts.
- The VF system also has the over voltage protection, low-voltage protection, over-current, overload and anti-stalling protection functions.



TYPE	PMH 100 (Single Cage)		PMH 100/100 (Twin Cage)		PMH 200 (Single Cage)	PMH 200/200 (Twin Cage)	PMH 300 (Single Cage)	PMH 300/300 (Twin Cage)
Load	1000 KG	1000 KG	2 X 1000 KG	2 X 1000 KG	2000 KG	2 X 2000 KG	3000 KG	2 X 3000KG
Speed	0 - 36 M/MIN 0 - 60 M/MIN	0 - 36 M/MIN 0 - 60 M/MIN	0 - 36 M/MIN 0 - 60 M/MIN	0 - 36 M/MIN 0 - 60 M/MIN	0 - 36 M/MIN 0 - 60 M/MIN	0 - 36 M/MIN 0 - 60 M/MIN	0 - 60 M/MIN	0 - 60 M/MIN
Cage Size (LxWxH)	(2.4 × 1.2 × 2.1) MTRS, (3 × 1.2 × 2.1) MTRS, (3.2 × 1.5 × 2.1) MTRS							
Motor Power	2 × 12.5 HP	2 × 12.5 HP	2 × 2 × 12.5 HP	2 × 2 × 12.5 HP	3 × 12.5 HP	2 × 3 × 12.5 HP	3 × 15 HP	2 × 3 × 15 HP
Safety Device	JAS 30-1.2 (M5)	JAS 30-1.2 (M8)	2×JAS 30-1.2 (M5)	2×JAS 30-1.2 (M8)	JAS 40-1.2 (M8)	2×JAS 40-1.2 (M8)	JAS 50-1.2 (M8)	2×JAS 50-1.2 (M8)
Mast Section	450×450×1508	650×650×1508	450×450×1508	650×650×1508	650×650×1508	650×650×1508	650×650×1508	650×650×1508
Weight With Rack Mast Section (approx.)	78 KG	123 KG	96KG	151 KG	123 KG	151 KG	123 KG	151 KG
Rack Module	5	8	5	8	8	8	8	8

	Type	Payload (KG)	Lifting Speed (M/Min)	Motor Power (KW)	Adaptable Angle
Curved Passenger Hoist	PMHC 60	600	33	1 × 9.3	8° ~ + 21°
			0 ~ 60 (VVVF)	2 × 9.3	
	PMHC 120	1200	33	2 × 9.3	10° ~ + 25°
			0 ~ 60 (VVVF)	2 × 11.0	
Inclined Passenge Hoist	PMHI 100 / 100	2 × 1000	33	2 × 2 × 9.3	
			0 ~ 60 (VVVF)	2 × 3 × 9.3	
	PMHI 160 / 160	2 × 1600	33	2 × 2 × 9.3	
			0 ~ 60 (VVVF)	2 × 3 × 11.0	
	PMHI 200 / 200	2 × 2000	33	2 × 3 × 9.3	
			0 ~ 60 (VVVF)	2 × 3 × 11.0	

MATERIAL HOIST

The material hoist from Jaypee is good news to the contractors seeking single equipment for man and material handling, offering easy transport to vertical heights of high rise buildings.

FEATURES

- Electromagnetic Brake Motor
- Top & Bottom Stopper Limit Switch
- Extreme Up & Down Speed Control Limit Switch
- Safe Travel Limit Switch
- Cage Door Electrical Interlocking
- Wireless Remote Operating Facility



Jaypee is a leading material hoist manufacturer having expert engineers of this company to understand the varied requirements of site contractors and hence manufacture several kinds of material hoists to suit the unique site requirements.

- 1-2 ton loading capacity
- 30-36 m/min lifting speed
- 300 meters maximum height

These material hoists from Jaypee are cost effective with low energy consuming geared motors. Along with self erecting mechanism, these material hoists are equipped with several safety devices to ensure less material wastage and complete safety of the crew.

Material hoist from Jaypee, the leading hoist supplier from India, also come with additional attachments which enhance the performance of this essential construction equipment. The optional attachments like overload limiter reduces manual error of loading excess materials or crew.



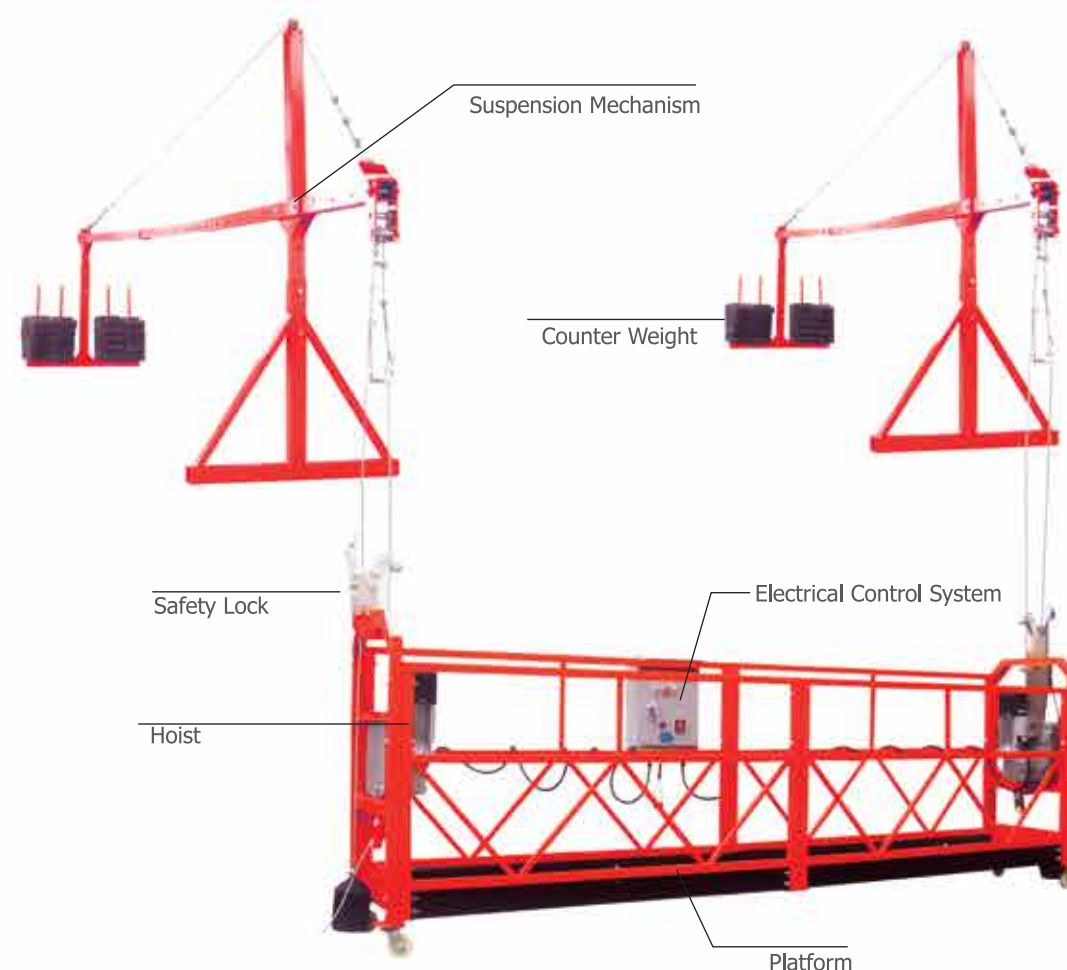
Model	MH 100	MH 200
Loading Capacity	1000 Kg (1 Ton)	2000 Kg (2 Ton)
Max Height	300 Mtr.	450 Mtr.
Cage Size (L x B x H)	2000 × 1200 × 2000 mm	2000 × 1200 × 2000 mm
Lifting Speed	36 M / min.	36 M / min.
Travel Type	Rack & Pinion	Rack & Pinion
Power Transmission	Geared Motor	Geared Motor
Motor Power	12.5 HP (9.3kw) X 2	12.5 HP (9.3kw) X 3
Cage, Mast & Wall Ties	Shoot Blasted, Zinc Chromate Primer & High Quality Enamel Paint	
	Zinc Plating or Galvanized	
Self Erecting Mechanism	Included	Included
Safety Features	Electromagnetic Brake Motor	Electromagnetic Brake Motor
	Centrifugal Freefall Arrester	Centrifugal Freefall Arrester
	Top & Bottom Stopper Limit Switch	Top & Bottom Stopper Limit Switch
	Travel Limit Switch	Travel Limit Switch
	Cage Door Electrical Interlocking	Cage Door Electrical Interlocking
	Overload Safety	Overload Safety
Optional Attatchment	Concrete Bucket - 0.4 cu/-1 ton	Concrete Bucket - 0.4 cu/-1 ton
	Horizontal Rebar Attachment upto 6 Mtr. long	Horizontal Rebar Attachment upto 12 Mtr. long
Optional Features	FC Drive	FC Drive

SUSPENDED PLATFORM HOIST

Jaypee now brings to India the most advanced suspended platform hoist. With features like safety lock model, advanced Electrical control system with anti-tilting, rope break, high quality steel wire rope and optional overload sensor. Also referred to as Gondola, these hoists are used for maintenance and decoration of the outer parts of high rise buildings. A suspended platform hoist can also be described as a temporary structure attached to the building for alteration and demolition of the construction.

FEATURES

- Anti-tilting Safety lock for rope breakage.
- Electrical control system.
- High quality steel wire rope.
- Optional overload sensor.
- 3-8 degree cable locking angle.
- Advanced suspension mechanism.



APPLICATION

- Decoration and construction for the external wall of high rise buildings, installing curtain wall and exterior components
- Repairing, checking, maintenance and cleaning for the external wall of the high-rise buildings
- Installing billboard and signage on high rise buildings
- Welding, cleaning and painting for large ships



Model	JSP-650	JSP-800	JSP-1000	JSP-1000 (S)
Configuration	Suspended Type	Suspended Type	Suspended Type	Suspended Type
Safety Configuration	Anti Tilting	Anti Tilting	Anti Tilting	Anti Tilting
Speed	8 -10 m/min	8 -10 m/min	8 -10 m/min	8 -10 m/min
Rated Capacity	650 Kg	800 Kg	1000 Kg	1000 Kg
Safe Capacity	500 Kg	650 Kg	800 Kg	900 Kg
Rated Power	1.5 kw x 2	1.5 kw x 2	1.8 kw x 2	2.2 kw x 2
Locking Cable Angle	3°~8°	3°~8°	3°~8°	3°~8°
Suspension Mechanism	425 Kg	425 Kg	425 Kg	425 Kg
Counter Weight	650 Kg	800 Kg	1000 Kg	1000 Kg
Optional Accessories	Load Display / Over load Cut-Off (Load Cell)			

MULTI-FUNCTION HOIST

Latest in hoisting solutions by Jaypee the MFH series is a multi-functional equipment for all your hoisting needs. The hoist can be used for carrying concrete and also finishing materials such tiles, fittings etc. With an optional rebar carrying attachment, users can now eliminate the need for installation of tower cranes at site.

FEATURES

- Controlled lowering
- Broken rope safety device / emergency brake
- Upper and lower travel limit switches
- Slack rope limit switch
- Phase failure / Reversal protection
- Emergency stop Switch
- Drive motor thermal overload protection



APPLICATION

- Used in Construction sites.
- Used to carry materials such tiles, fittings etc.
- Used to carry labors.
- Also used to carry rebar attachment.

Model	MFH 100	MFH 150
Loading Capacity	1000 Kg (1 Ton)	1500 Kg (1.5 Ton)
Max Height	70 Meters	120 Meters
Cage Size (L x B x H)	900 × 800 × 600 mm	1200 × 900 × 600 mm
Lifting Speed	30 Meters / min	30 Meters / min
Travel Type	Wire Rope	Wire Rope
Motor Power	7.5 HP (5.5 KW)	12.5 HP (9.3 KW)
Power Transmission	Heavy Duty Wire Rope Winch	Heavy Duty Wire Rope Winch
Mast & Cage Finish Wall Ties	Shot Blasted, Zinc Chromate Primer & High Quality Enamel Paint	
Self Erecting Mechanism	Included	Included
Safety Features	Wire Rope Snapping Device	Wire Rope Snapping Device
	Slack Rope Safety Device	Slack Rope Safety Device
	Lower & Upper Limit Switch	Lower & Upper Limit Switch
Optional Attachment	Concrete Bucket - 0.4 cu/-1 ton.	Concrete Bucket - 0.4 cu/-1 ton
	Vertical Rebar Attachment upto 6 Mtr. long	Vertical Rebar Attachment upto 6 Mtr. long
Optional Features	FC Drive	FC Drive
	Horizontal Rebar Attachment 6 meter	Horizontal Rebar Attachment 6 meter
	Concrete Bucket Attachment	Concrete Bucket Attachment

BUILDER HOIST

Jaypee® Builder hoist is specially designed to lift material to various heights at Construction Sites.

Most of the structure is fabricated in 3m length for easy transportation and assembling at site. With the use of high quality fabrication and anti twisting straightened steel, the mast sections are built for a longer life span.

Jaypee® has successfully erected a 2 ton winch upto a height of 140mts.

FEATURES

- Diesel Engine or Electric Motor Drive
- Extra capacity winch for greater safety aspects
- Drive through Fraction rollers
- Safety braking device



Model	BH - 1000 E	BH - 1000 D	BH - 2000 E	BH - 2000 D
Capacity	1 Ton	1 Ton	2 Ton	2 Ton
Material Carrying Capacity	750 Kg	750 Kg	1500 Kg	1500 Kg
Mast Type	Square Mast	Square Mast	Square Mast	Square Mast
Wire Rope	10 mm, 6 Core Steel Wire	10 mm, 6 Core Steel Wire	12 mm, 6 Core Steel Wire	12 mm, 6 Core Steel Wire
Trolley	Heavy Duty MS Channel with Guide Rollers	Heavy Duty MS Channel with Guide Rollers	Heavy Duty MS Channel with Guide Rollers	Heavy Duty MS Channel with Guide Rollers
Bucket Volume	0.3 m ³	0.3 m ³	0.4 m ³	0.4 m ³
Maximum Working Height	100 m	40 m	125 m	70 m
Power Rating	10 HP Electric Motor	10 HP Diesel Engine	15 HP Electric Motor	16 HP Diesel Engine

APPLICATION

- Used in Construction sites.
- Used to carry materials.
- Used to lift material to various heights at construction sites.



WALK BEHIND VIBRATORY ROLLER



Jaypee Walk Behind Double Drum Vibratory Roller is modern compact design for use in a wide range of compaction application.

Hydraulic with integrated travel control eases the operating effort required for movement.

The famous Jaypee Walk Behind Roller has the vibratory source located in the drum which provides maximum compaction and traction performance.

The VR6500 is suitable for operation on various types of soils in tropical conditions.

Model VR6500

Benefits & Features

- Infinitely variable Speed Control
- Mechanical Vibration Drive
- Water Sprinkler System Drum Scrappers
- Mechanical Vibration control
- High Gradient Capacity

Optional Features

- Electrically operated
- Self Starting arrangements



Model VRD800



Technical Specification for VR6500

Dimensions	Model : VR6500
Drum width	650 mm
Width	760 mm
Height	1,060 mm
Length	2,550 mm

Masses	
Net mass	712 kg
Operating Mass (CE)	763 kg

Traction	
Theor. gradeability	35%
Compaction	6 – 8 Ton
Static Linear Load	5.50 kg/cm
Speed Forward	3.70 km/h
Speed Reverse	2.40 km/h
Vibration Frequency	61 Hz
Nominal Amplitude	0.45 mm
Centrifugal Force	21kN

Engine	
Manufacturer	Lombardini
Type	15LD440
Fuel	Diesel
Rated power	6.80 kW
Rated power @	2,600 rpm
Fuel consumption / h	1.35 Ltr.
Fuel tank capacity	5 Ltr.

Hydraulic system	
Driving	Fully hydraulic
Sprinkler System	
Tank Capacity	65 Ltr.
Type Of Sprinkling	Gravity

Technical Specification for VRD 800

Dimensions	VRD 800
Drum width	750 mm
Width	850 mm
Height	1,170 mm
Length	2,300 mm

Masses	
Net mass	780 kg
Operating Mass (CE)	850 kg

Traction	
Theor. gradeability	30%
Compaction	7 – 8 Ton
Static Linear Load	7.80 kg/cm
Speed Forward	3.20 km/h
Speed Reverse	2.20 km/h
Vibration Frequency	65 Hz
Nominal Amplitude	0.45 mm
Centrifugal Force	18 kN

Engine	
Manufacturer	Lombardini / Greaves

Hydraulic system	
Driving	Hydraulic Controls
Sprinkler System	
Tank Capacity	30 Ltr.
Type Of Sprinkling	Gravity



PLATE COMPACTOR

Jaypee® VC 25 Plate Compactor is a unique compaction machine which produces repetitive impact on soil, built robustly with extra thick base plate having travel speed of 20m/min.

Our compactors come with infinitely variable forward and reverse speed on a diesel engine.

Also available with electric motor.



BENEFITS & FEATURES

- As per IS : 5889 : 1970
- Model Mark VC-10 Compaction capacity 1 to 2 Tons powered by Villers / Greavs MK-12 Petrol/Kerosene
- Engine or 2 H.P. 440 Volt Electric Motor
- Model Mark VC-20 Compaction capacity 3 to 4 Tons powered by 3.4 H.P. Villers/Greaves
- MK-25 Petrol, Petrol/Kerosene
- Engine or with 3 H.P. 440/50/3 A.C. Electric Motor
- Model Mark VC-25 Compaction capacity 6 to 8 Tons powered by 4.4 H.P. Greaves Model 520 Diesel Engine or with 5 H.P. 440/50/3 A.C. Electric Motor

TECHNICAL SPECIFICATION FOR VIBRATING EARTH RAMMER MODEL VC-25

Compaction capacity	6 - 8 Ton
Impact force upto (approx)	3500 kg
Vibration frequency	50 Hz
Depth effect (depending on type of soil)	16 inch
Travel speed (depending on type of soil)	upto 20 M/min
Gradient capability	upto 20%
Compacting plate size	780mm × 620mm × 490mm
Working area	5500 sq.ft./hr
Direction of travel	forward
*Powered by 5 H.P. Crompton Greaves electric motor	
*powered by 4.4 H.P. graves air cooled diesel	



VACUUM DEWATERING SYSTEM

The Jaymix method is a system for having high quality long strip casting of floors at an affordable cost. It removes the excess water from the green concrete by vacuum process enabling the water-cement ratio to reduce drastically. The wet concrete is compressed by atmospheric pressure and the excess water is squeezed out of the concrete by vacuum-dewatering. The system, bringing compactness to the concrete also improves the compressive strength, density and the resistance to water penetration.



Filter Mat & Top Mat

Top mat is provided junction box & short hose of standard size 5mm*7m

Filter mat of 35 meter provided to be placed directly on green concrete.



Vacuum Pump	
Power	10 HP Electric Motor
Vacuum Pump Capacity	1800 Liters/m ³ @ 70% vacuum

Power Floater cum Power Trowel	
Weight (approx.)	75 kg
Length	1450 mm
Height	2220 mm
RPM	110
Working Diameter	860 mm
Powered by	3 HP Electric Motor

Screed Board	
Power	1 HP 3 Phase Electric Vibrator
Board Dimension	4200 x 375 x 150 mm

HIGH FREQUENCY ELECTRIC CONVERTERS

STANDARD FEATURES

- Exclusive range from 1 KVA to 5 KVA
- Special aluminium extrusion casing with protection frame
- Compatible with any make of High Frequency vibrators
- H class winding (180°); alternator with permanent synthesized magnets
- All models come with 10 m cable



Model	HF 10 S 1 H	HF 15 T 2 F	HF 25 S 3 F	HF 20 S 2 F	HF 30 T 3 F	HF 50 T 4 W
Input Voltage	230 V	415 V	230 V	230 V	415 V	415 V
Output Power	1 Kva 14 A	1.5 Kva 21 A	2 Kva 28 A	2.5 Kva 35 A	3 Kva 42 A	5 Kva 70 A
Output Frequency /Voltage	200 Hz - 42 V					
No. of Outlets	1	2	2	3	3	4
Weight (kg) approx.	16	24	24	32	32	75
Fitted with	Easy Handle	Steel frame	Steel frame	Steel frame	Steel frame	Wheeled trolley
Vibrators that can work with	1 no Ø 38/50	2 nos Ø 38/50 or 1 no Ø 60/70	2 nos Ø 38/50 or 1 no Ø 60/70	3 nos Ø 38/50 or 2 nos Ø 60/70	3 nos Ø 38/50 or 2 nos Ø 60/70	4 nos Ø 38/50 or 4 nos Ø 60/70

HIGH FREQUENCY ECCENTRIC VIBRATORS

STANDARD FEATURES

- HV series High Frequency vibrators can be operated with HF Electric series, TR series Electronic or GT series Engine driven electric converters
- High torque, constant speed electric motor suitable for all type of concrete jobs
- Special thermoplastic material used for switch housing box



CoCode	Unit	HV 38 Ø 38	HV 50 Ø 50	HV 60 Ø 60	HV 70 Ø 70
Amplitude	mm	1.3	1.5	1.8	2
Compacting	m/h	06 - 08	09 - 12	18 - 23	20 - 25
Needle length	mm	320	330	410	410
Centrifugal force	Kg	98	275	460	470
Input Current	A	6	8	14	20
Rubber hose	m.	5 mt			
Vibrations	VPM	12,000			
Feed Cable	M	10			
Frequency / Volts	Hz / V	200 / 42			
Standard Weight	Kg	8.5	12	16.5	18



ECCENTRIC WEIGHT FLEXIBLE SHAFT NEEDLE VIBRATORS

STANDARD FEATURES

ECCENTRIC SHAFT VIBRATORS :

- Power transmission shaft : length available 2 m, 4 m & 6 m
- Needle vibrators available in different diameters
- 25 mm – 38 mm – 50 mm – 60 mm
- Quick disconnect coupler for easy assembly and dismantle
- Best suitable to work on any type of concrete

OPTIONAL

- Poker vibrator also available with rubber tip



Model	Amplitude A	Needle Length (mm)	Centrifugal Force (Kn)	VPM	Shaft Length (M)	Weight (Kg) approx
FS 2502	0.9	315	55	13,800	2	10
FS 2504					4	10.5
FS 2506					6	11
FS 3802	1.7	355	200	13,000	2	11
FS 3804					4	11.5
FS 3806					6	12
FS 5002	2.2	365	275	12,500	2	12
FS 5004					4	12.5
FS 5006					6	13
FS 6002	2.4	370	310	12,000	2	13
FS 6004					4	13.5
FS 6006					6	14

DRIVE UNIT FOR FLEXIBLE SHAFT NEEDLE VIBRATORS

DRIVE UNIT

- Durable, High performance drive unit (2300W / 3 HP) with double insulation
- Light weight, shock resistant and easy to operate
- Shoulder strap to mount on shoulders for easy handling



Drive Unit	HS 2500
Input Voltage	230 V
R.P.M. (empty load)	17,800
Power	2300 W 3 HP
Weight (approx.)	5.2 Kg.