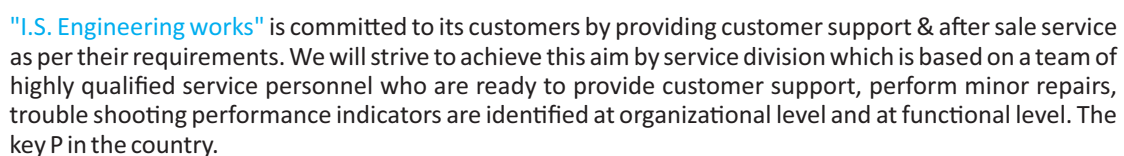


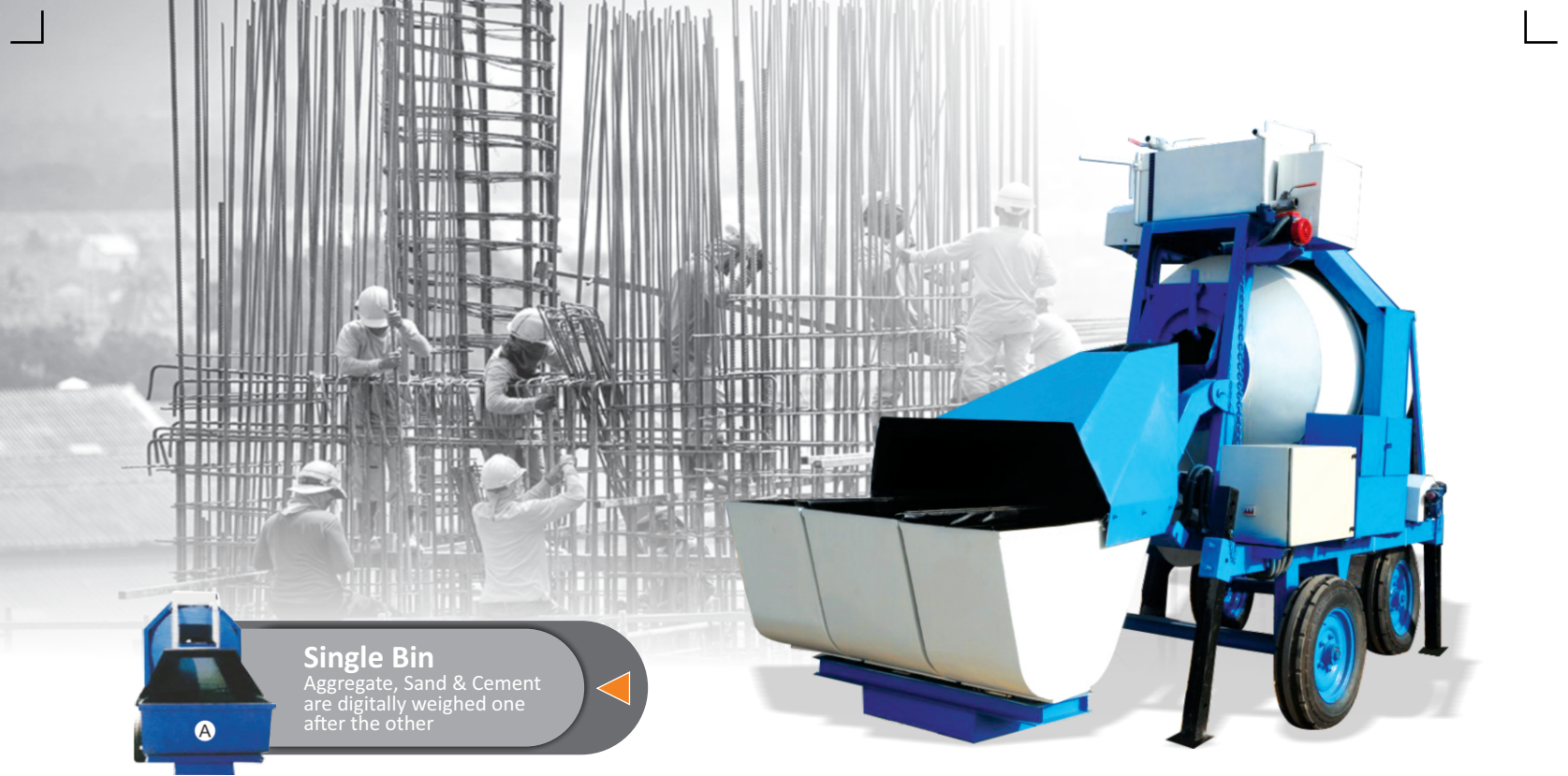


increase in sales, increase in customer satisfaction index, on time delivery, reduction in customer complaints, reduction in rejection, indicators, in order to provide close monitoring over all impart aspects of the organization and to ensure continual improvement in all critical activities. Time bound and measurable targets are fixed by the top management in consultation with the functional heads and performance / achievement is reviewed and analyzed during the periodic management review meetings, objectives, targets and time frame are revised as per requirement.

Our commitment to the Customer support and after sale service is the vital link between I.S. Engineering Works. Our service division is based on a team of highly qualified service personal ready to provide on site for customer support, perform minor repairs. Trouble shooting any where in the country.

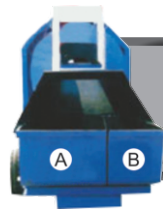
- Mohd. Sultan Khan**





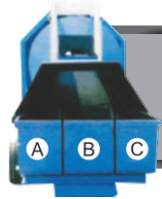
Single Bin

Aggregate, Sand & Cement are digitally weighed one after the other



Two Bin

Aggregate, Sand & digitally weighed in one bin and cement is digitally weighed in the second bin separately.



Three Bin

Aggregate, Sand & cement are digitally weighed separately.

AE- RM SERIES CONCRETE MINI MOBILE BATCHING & MIXING PLANT

IS Engineering Works make RM series of Mini Mobile Batching Machine is widely used on various construction sites as it is the compact batching machine having features like separate weighing of material, auto water dozing system, admix dozing and PLC based printing facility (optional). It comes on 04 pneumatic tyres with tow bar facility which make it easy to move and shift on site.

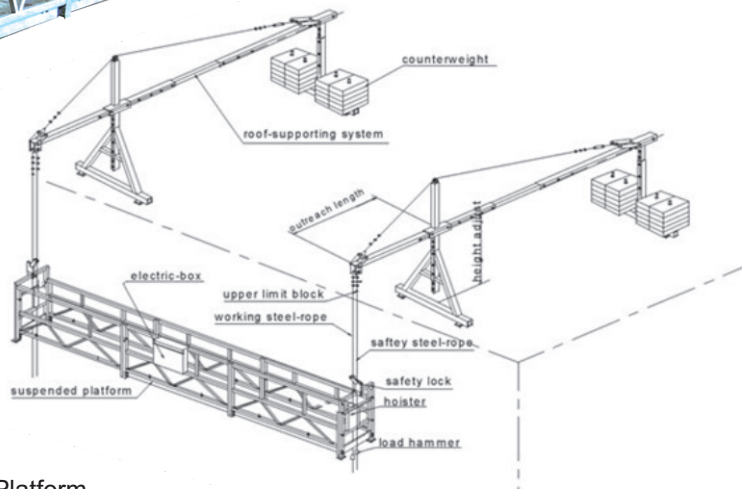
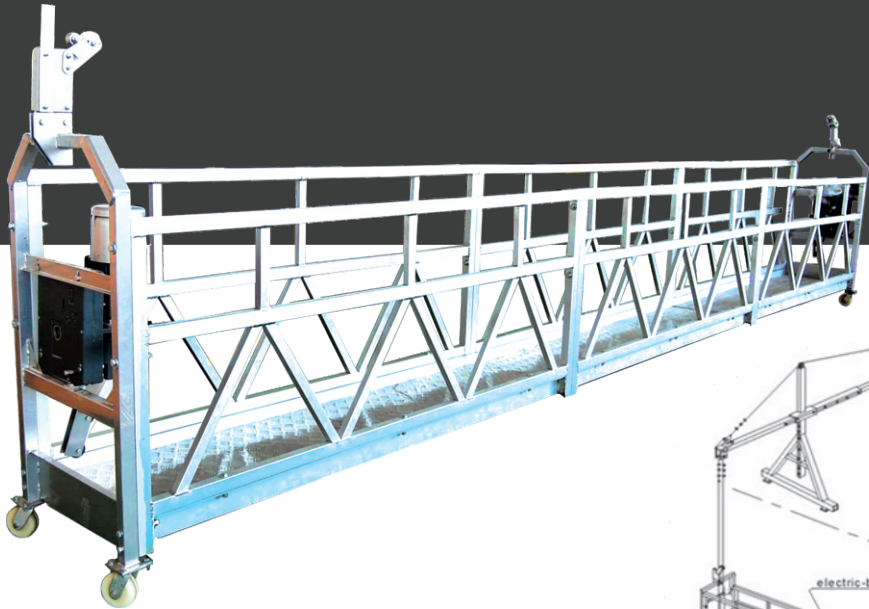
Technical Data

MODEL	RM-800	RM-1050	RM-1450
Mixer Unit	Drum Mixer	Drum Mixer	Drum Mixer
Plant Capacity/Hrs.	10 to 12 cum	12 to 15 cum	15 to 18 cum
RMC Output/Batch	0.3 to 0.4 cum	0.4 to 0.5 cum	0.5 to 0.6 cum
Batches/Hour	30	30	30
Batches Cycle/Min.	2 min	2 min	2 min
Discharge Height From GL	1000 mm	1500 mm	1500 mm
Water Tank Capacity	130 Liter	200 Liter	320 Liter
Aggregate Bin	Single/Three	Three	Three
Aggregate Batching	By Weight	By Weight	By Weight
Water Feeding	By Volume	By Volume	By Volume
Material Feeding	Manually	Manually	Manually
Wheels	Pneumatic Wheel (4 Nos.)	Pneumatic Wheel (4 Nos.)	Pneumatic Wheel (4 Nos.)
Power Consumption			
Drum Motor	10 HP	10 HP	10 HP
Hydraulic Hopper Motor	3 HP	3 HP	5 HP
Water Pump Motor	1 HP	1 HP	1 HP
Net Power Consumption	14 HP	14 HP	16 HP

Note: Accuracy of IS 4925 the accuracy of Design Mix # (+-) 1% Water & Cement (+-) 2% for the aggregates.



SUSPENDED PLATFORM



Technical Details Model - I.S.-800

	Size of Platform
	2.5 + 2.5 + 1.5 + 1 Meter x 4 no.s = 7.5 Meter
Material of Platform	M.S. Steel Platform / Hot Galvanized / Aluminium
Maximum Height	100 Meter (IT CAN BE INCREASED)
Recommended Height	100 Meter (Above 70 Meter check wind pressure at higher heights)
Ascend Speed (Working/Lifting Speed)	9-11 m/min
Maximum Weight Carrying Capacity	800 k.g. (uniformly Disturbed)
Platform Size (L x W x H)	7500 mm (2500 mm x 3)
Wire Rope	4 nos. wire ropes of Dia 9.1 mm & 100 Mtr. Length
Wire Rope	4 x 31 Sw - FC-9.1-100 Meter
ELECTRIC MOTOR	
Power	1.8 kW x (2 nos)
Voltage	AC 415v 3 phase
Breaking Torque	15 Nm
Safety lock Tilt-proof	Safety lock (2 nos.)
Suspended Mechanism	M. S. Hot Galvanized
Height Adjustment	1.15 m to 1.75 m
Front Beam extension	1200 mm to 1750 mm (The load carrying capacity will
	Proportionately decrease when the extent is more than 1.5 m)
Structure Weight Approx.	1000 k.g.
Counter Weight	1000 k.g.
Whole Machine Weight	2000 k.g. Approximate

Suspension Galvanized roof support devices telescopic arm and counter weight



No.	Brand/Make	IS-MIBP/30m ³	IS-MIBP/20m ³	IS-MIBP/15m ³
1	Compacted Concrete Output	30 m ³ /hr	20 m ³ /hr.	15 m ³ /hr.
2	Batch Count	40 cycle/hr	40 cycle/hr	40 cycle/hr
3	Mixer Capacity (Compacted)	1.5 min	0.5 m ³	0.38 m ³
4	Mixer Capacity	0.75 m ³	0.75 m ³	0.50 m ³
5	Mixer Motor Power	0.9 m ³	20 H.P	10 H.P
6	Weighing System	66 HP	Electronic Digital	Electronic Digital
7	Cement Feeding Motor	100 ton	15 HP	12.5 HP
8	Discharge Height	Air-Cool Diesel Engine	1.6 M (approx)	1.6 M (approx)
9	Filling percentage		40%	40%
10	Load calls		6 x 1000 Kg	6 x 1000 Kg
11	Stroage And Feeding Unit		2 'OR' 3 Hopper bin	2 'OR' 3 Hopper Bin
12	Belt Conveyor Motor		10HP	7.5 HP
13	Water pump		3HP	2HP
14	Water Tank Capacity		1000 Ltrs.	750 Ltrs
15	Compressor		3HP	3 HP
16	Net Consumption		55.5HP	45 HP



BAR CUTTING MACHINE

BAR CUTTING MACHINE (GQ-40) 32MM

No.	Brand/Make	
1	Cutting Diameter	6-32mm (TMT, TOR) (U TO 36MM, MS BAR
2	Cutting Speed	32 Times P/Min
3	Motor Capacity	3 HP Own Make Assembled
4	Rotation speed of Motor	2880r/min
5	Weight in Kg	410 Kg Approximate
6	Blade thickness	82×82×25 (mm)
7	Over all Dimension	1170×420×640(mm)



BAR CUTTING MACHINE (GQ-50)

No.	Brand/Make	
1	Cutting Diameter	6-40mm TMT, TOR)
2	Cutting Speed	32 Times P/Min
3	Motor Capacity	5 HP
4	Rotation speed of Motor	2880r/min
5	Weight in Kg	600 Kg Approximate
6	Blade thickness	90×90×25 (mm)
7	Over all Dimension	1420×460×840(mm)

BAR CUTTING MACHINE (GQ-40 K)

No.	Brand/Make	
1	Cutting Diameter	6-28mm TMT, TOR)
2	Cutting Speed	32 Times P/Min
3	Motor Capacity	3KW / 415V
4	Rotation speed of Motor	2880r/min
5	Weight in Kg	600 Kg Approximate
6	Blade thickness	90×90×25 (mm)
7	Over all Dimension	1420×460×840(mm)



CONCRETE PAVER MACHINE

CONCRETE PAVER MACHINE

No.	Brand/Make	
1	Model	htp three axis type
2	Overall Dimension	4200*1550*380mm
3	Vibratory Frequency	48-60hz
4	Vibration Force	4.5-5.5kn
5	Paving Thickness	300mm
6	Spread Thickness	250-300mm
7	Vibrators Needle	8nos
8	Walking Speed	5.7m/mmin
9	Max.motor Speed	212kw
10	Length of The Roller	4000mm





BAR BENDING MACHINE

BAR BENDING MACHINE (GW-42J)

No.	Brand/Make	
1	Bending Diameter	6-32mm (TMT, TOR)
2	Bending Speed	3 Sec
3	Motor Capacity	5 HP MOTOR With Break
4	Rotation speed of Motor	1440r/min
5	Weight in Kg	340 Kg Approximate
6	Over all Dimension	850×800×850(mm)
7	Operation System	Push Button or Paddle
8	Controlling System	With Emergency Control
9	Bender Set	Pin -5 Nos. With Machine
10	Bender Set	Socket/Gulla 80 & 100, 120mm with Machine



BAR BENDING MACHINE (GW-52J)



No.	Brand/Make	
1	Bending Diameter	8mm to 40mm (TMT, TOR) (50mm) Mild steel
2	Bending Speed	3 Sec
3	Motor Capacity	6 HP MOTOR With Break
4	Rotation speed of Motor	1440r/min
5	Weight in Kg	520 Kg Approximate
6	Over all Dimension	1060×850×800(mm)
7	Operation System	Push Button or Paddle
8	Controlling System	With Emergency Control
9	Bender Set	Pin -5 Nos. With Machine
10	Bender Set	Socket/Gulla 80 & 100, 120mm with Machine

RING MACHINE

RING MACHINE (RM16)

No.	Brand/Make	
1	Bending Diameter	UP To 16mm (MS, TMT, TOR)
2	Bending Speed	3 Sec
3	Motor Capacity	1.5 Kw (2 HP)
4	Rotation speed of Motor	1440r/min
5	Weight in Kg	120 kg Approximate
6	Over All Dimension	500x800x750mm
7	Operation System	Push Button or Paddle
8	Controlling System	With Emergency Control



RING MACHINE (GF20N)



No.	Brand/Make	
1	Bending Diameter	UP To 20mm (MS, TMT, TOR)
2	Motor Capacity	2.2 Kw (3 HP):415V
3	Rotation speed of Motor	5-30r/min
4	Weight in Kg	120 kg Approximate
5	Paddles	2 nos.



MONKEY MACHINE

MONKEY HOIST 125 KG

No.	Brand/Make	
1	Maximum Lifting Capacity	100-125 Kg
2	Working Height	20-25Mtr
3	Wire Rope Diameter	6mm
4	Motor Power	2 KW
5	Break	Electric System
6	Gearbox	ATTACH
7	Operating Voltage	480V 60Hz
8	Operation	Remote
9	Machine Weight	65 Kg Approximate
10	Rotation	360 Degree



MONKEY HOIST 250 KG

No.	Brand/Make	
1	Maximum Lifting Capacity	200-250 Kg
2	Working Height	50 Mtr
3	Boom Length	2,100mm
4	Boom Height	2,400mm
5	Stand Height	1,000mm
6	Boom Channel	4" x2" Heavy
7	Wire Rope Diameter	10mm
8	Motor Power	5 HP Crompton
9	Break	Electric System
10	Gearbox	Radicon/Victor 3"



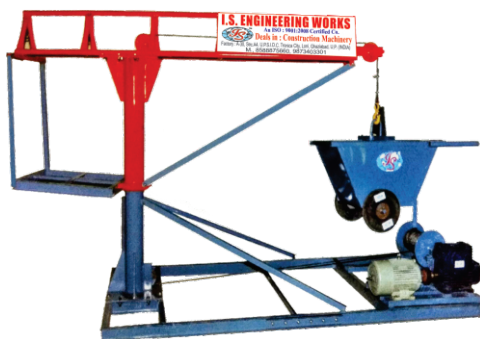
MONKEY HOIST 350 KG

No.	Brand/Make	
1	Maximum Lifting Capacity	300-350 Kg
2	Working Height	50 Mtr
3	Boom Length	2,100mm
4	Boom Height	2,400mm
5	Stand Height	1,000mm
6	Boom Channel	4" x2" Heavy
7	Wire Rope Diameter	10mm
8	Motor Power	5 HP Crompton
9	Break	Electric System
10	Gearbox	Radicon/Victor 3"



MONKEY HOIST 500 KG

No.	Brand/Make	
1	Make	ISE
2	Working in Height	210 Feet
3	Rotation	180°-360° Degree
4	Motor Power in HP	7.5 H.P. ie5 Gene. Foot mounted Crompton brand
5	Motor RPM	1440 RPM
6	Prime Mover (Hoister)	Motor with Gearbox Classic
7	Wire Rope	70 Meter (10mm Mahadev Co)
8	Wire Rope	6 x 19 SC Steel Core
9	Operation System	Remote with lead
10	Control Panel	Complete Box with 24V :14,500/- & 415V 7,500/- (Safety Purpose 24V Better)





ROLLER

RIDE ON ROLLER 3 TON

No.	Brand/Make	
1	Weight in KG	850 Kg
2	Engine	KIPRO DIESEL 178F-9 HP
3	Walking Speed	0-4 (KM/H)
4	Driving Method	Hydraulic
5	Centrifugal Force	20-25 KN (2-2.5 TON)
6	Vibration Frequency	70
7	Starting Way	Electrical Way



DUBBLE DRUM VIVRATORY ROLLER 4 TON



No.	Brand/Make	
1	Weight in KG	1350 Kg
2	Walking Speed	0-5 (KM/H)
3	Driving Method	Hydraulic Steering
4	Centrifugal Force	50 KN (4 TON)
5	Vibration Frequency	70 hz
6	Vibration Control	Electromagnetic Clutch
7	Starting Way	Electrical Way
8	Companion of Soil	50cm/500mm/22"
9	Compacted Asphalt	55cm/550mm/20"
10	Walking Method	Forward & Back

WALK BEHIND ROLLER DOUBLE DRUM 2 TON

No.	Brand/Make	
1	Weight in KG	330KG
2	Walking Speed	0-3(KH/H)
3	Driving Method	WALK BEHIND
4	Centrifugal Force	16KN(2TON)
5	Vibration Frequency	70HZ
6	ENGINE (DIESEL)/POWER	GREAVES 5520/5HP HONDA ENGINE



RL-600D (SINGLE DRUM)



No.	Brand/Make	
1	Engine (Diesel)/Power	HONDA GX160 4-5 HP
2	Rated RPM	3600
3	Fuel Consumption	1L/hour
4	Walking Way	Two-way hydraulic chain drive
5	Walking Speed	0-3 KM/H
6	Vibratory Frequency	70 HZ
7	Grade Ability	30%
8	Centrifugal Force	1.5 TON
9	Water Tank Capacity	17 Liter
10	Weight (N.W.)	340 kg approximate



SAND SCREENING MACHINE

SAND SCREENING MACHINE

No.	Brand/Make	
1	Vibration	Eccentric Vibrator 1440 rpm
2	Size	4' x 8 Foot
3	Powered	2 HP Three Phase with Starter
4	Capacity (Dry Sand)	6 Cum /hrs. (Gross)
5	Spring	4 Nos.



ROTARY SAND SCREENING MACHINE



No.	Brand/Make	
1	Vibration	Eccentric Vibrator 1440 rpm
2	Size	2.5 x 4.5Foot
3	Gearbox	2"
4	Angle	40x40x5 mm
5	Main Rod	32 mm
6	CircleRod	12mm
7	Powered	2HP Three Phase with Starter
8	Capacity (Dry Sand)	6 Cum /hrs. (Gross)
9	Spring	4 Nos.
10	Weight Charges	160 Kg

BAR TREADING MACHINE

CDRG-45

No.	Brand/Make	
1	Threading Diameter	16-40MM
2	Thread Pitch	205MM-3MM
3	Maximum Working Length	80MM
4	Motor Power	5.5KW
5	Voltage	415V
6	Main Shaft Speed	62R/MIN
7	Weight	380KG



CONCRETE CUTTER MACHINE

(36-38)



No.	Brand/Make	
1	Diameter of Saw	Ø36-38" (Inch)
2	Capacity of Water Tank	40 Ltr
3	Weight Approximate	300Kg
4	Max. Depth cut	12" Inch (INCLUDED BAR) can cut in one short/time (Heavy Machine)
5	Blade Rod System	Chain Drive Connection
6	Safety Features	With Circuit Breaker (100mA)
7	Motor Power	25 HP Motor Havells/BHARAT BIJLI



CONCRETE CUTTER MACHINE

(14 Inch)

No.	Brand/Make	
1	Diameter of Saw	Ø14" (Inch)
2	Capacity of Water Tank	20 Ltr
3	Weight Approximate	150-170 Kg
4	Max. Depth cut	4" Inch
5	Available in	Diesel Engine/ Electric Motor



(24 Inch)



No.	Brand/Make	
1	Diameter of Saw	Ø24" (Inch)
2	Capacity of Water Tank	35 Ltr
3	Weight Approximate	190-210 Kg
4	Max. Depth cut	7-8" Inch (included bar)
5	Blade rod type	Chain Drive Connection
6	Available in	Diesel Engine/ Electric Motor

PLATE COMPACTOR

PLATE COMPACTOR

No.	Brand/Make	
1	Compaction Force by 12mm Plate	3.5 Ton
2	Weight Approximate	65 Kg



TAMPING RAMMER

TAMPING RAMMER



No.	Brand/Make	
1	Ramming Frequency	600-700times/min
2	Advance Speed	10-13m/min
3	Bounce Height	45-70mm
4	Motor Power	4-5 H.P.
5	Gross Weight	90kg
6	Engine Type	Air-cooled 4-stroke OHV
7	Net Power Output	5.5 HP @ 3,600 rpm
8	Net Torque	7.6 lb-ft (10.3 Nm) @ 2,500 rpm



BAR STRAIGHTENERS MACHINE

1 (6 to 12 mm)

No.	Brand/Make	
1	Straightening Diameter	6-12mm (TMT, TOR)
2	Straightening Speed	28 m/min
3	Gear	HEAVY DUTY
4	Straightening Wheels	2 Pieces
5	Power For Straightening	5.5kw
6	Power For Cutting	2.2kw
7	Overall Size	1200x790x1220 mm
8	Weight	650kg.



2 (16 to 25mm)



No.	Brand/Make	
1	Straightening Diameter	16-25mm (TMT, TOR)
2	Straightening Speed	28 m/min
3	Gear	HEAVY DUTY
4	Straightening Wheels	2 Pieces
5	Power For Straightening	15kw
6	Overall Size	1200x790x1220 mm

3 (5 to 10mm)

No.	Brand/Make	
1	Straightening Diameter	5-10mm (TMT, TOR)
2	Straightening Speed	28 m/min
3	Gear	HEAVY DUTY
4	Straightening Wheels	2 Pieces
5	Power For Straightening	5.5 kw
6	Power For Cutting	2.2kW
7	Overall Size	1200x790x1220 mm
8	Weight	460kg.



TRIMIX MACHINE

TROWEL FLOATER (600 MM)



No.	Brand/Make	
1	Diameter	600mm
2	Speed	80-120 (RPM)
3	Qty of Blades	4 Nos.
4	Power	3HP kirloskar/415v/50HZ
5	Blade Size	350x150 mm
6	Weight	70 Kg
7	Engine GX160	Petrol Engine



TRIMIX MACHINE

TROWEL FLOATER (1000 MM)

No.	Brand/Make	
1	Diameter	1000mm
2	Speed	80-120 (RPM)
3	Qty of Blades	4 Nos.
4	Blade Size	350x150 mm
5	Weight	90 Kg
6	Engine GX160	Honda 4HP
7	Power in Motor	4HP



MIXER MACHINE

MIXER 1.5 BAG



No.	Brand/Make	
1	Unmixed Capacity	420 Ltr. (15 cu.ft)
2	Mixed Capacity	300 Ltr. (10.5 cu.ft)
3	Drum Specification	10mm(Bottom)/8mm (Upper)/6mm (Middle)/3mm(Top)
4	Drum Speed	22-25 rpm.
5	Type of Drum	Tilting Drum Mixer
6	Automatic Grade	Semi-Automatic
7	Portable(Y/N)	Yes
8	Prime Mover	Electric Motor/ Aircool Engine
9	Power	5HP 3 Phase with Starter / 6 HP Aircool Engine
10	Make of Motor/Engine	Crompton/Kirloskar

HALF BAG MIXER

No.	Brand/Make	
1	Unmixed Capacity	140 Ltr. (5cu.ft)
2	Mixed Capacity	100 Ltr. (3.5cu.ft)
3	Drum Specification	5mm(Bottom)/4mm(Upper)/3mm (Middle)/2mm(Top)
4	Drum Speed	22-25 rpm.
5	Type of Drum	Tilting Drum Mixer
6	Automatic Grade	Semi-Automatic
7	Portable(Y/N)	Yes
8	Prime Mover	Electric Motor/ Air-cooled Engine
9	Power	2 HP 3 Phase / 3 HP Air-cooled Engine
10	Make of Motor/Engine	Crompton/Kirloskar



MINI ELECTRIC MIXER



No.	Brand/Make	
1	Motor	3 HP, 3 Phase
2	Mixing Capacity	200 ltr
3	Mixer	(Without Hopper)
4	Chasis 4x2 (Channel)	Drum 8x6x3 (gauge
5	Model without Hopper Capacity	10/7 cft
6	Drum size	38"
7	Gear & Bearing	Branded
8	Motor Capacity	5 HP
9	Engine	Crompton/Kirloskar



MIXER MACHINE

MOBILE BATCHING PLANT

No.	Brand/Make	
1	Output Capacity	8-10 cum/hr.
2	Load Capacity	750 Ltr.
3	Batch Capacity	500 Ltr.
4	Chassis	Heavy Duty, Rebuilt & Balanced Chassis
5	Wheels	Heavy Duty Tractor Front Tyre
6	Bin Type	3 Bin
7	Prime Mover	10HP 3Phase BBL Motor/15 HP Fieldmarshal Double Wheel Engine
8	Hopper Jack	Liftwell Hydraulic Jack
9	Mixing Drum	Forward Rotation Mixing of Concrete & Reverse Rotation Discharge of Concrete
10	Weighing System	Load Cell Based Weighing System with Digital



SPIRAL MAKING MACHINE

SPIRAL MAKING MACHINE (IS/SBB-42)



No.	Brand/Make	
1	Bending Diameter	6-36mm (TMT, TOR)
2	Bending Speed	3 Sec (20 R/Min)
3	Motor Capacity	6 HP With Break 415V
4	Rotation Speed Of Motor	1440 R/Min
5	Weight In Kg	430 Kg Approximate

VIBRATING TABLE & PAN MIXER

No.	Brand/Make	
1	Model No.	ISEVT
2	Production Capacity	2500 to 3000 Pcs
3	Type	Vibrating
4	Table Dimension	2.5ft * 10ft.
5	Power	2 HP Three Phase Motor
6	Dimensions (L*B* H)	3000 *770 *1050 mm
7	Weight	530 kg





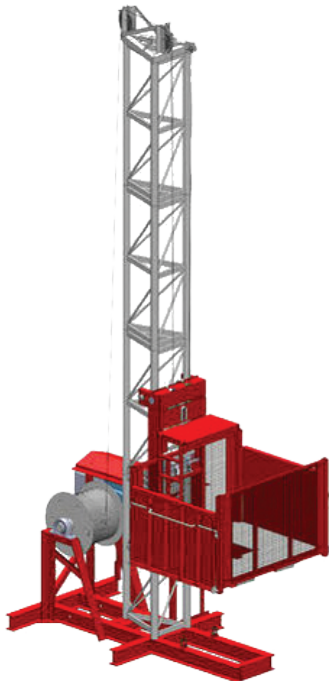
MATERIAL HOIST

MATERIAL HOIST

No.	Brand/Make	
1	Type	Wire rope driven Multi-Functional material hoist
2	Load Carrying Capacity	1000 KG (Gross Load)
3	Speed	28-30 m/min.
4	Wire Rope	12 mm Dia. Steel Core Meter
5	Size	475 x 475 x 1500mm, (1.5 Mtr Height)
6	Weight	47 Kg.
7	Main Section Size	ISA 50 x 50 x 6 mm thk. M S Angle
8	Side Tie Angle	ISA 40 x 40 x 5 mm thk. M S Angle



PASSENGER CUM MATERIAL HOIST



No.	Brand/Make	
1	Net Capacity (Kgs.)	1200 (1.2 Ton)
2	Cage Size (L X W X H)	2.2 X 1.4 X 2.3 Mtr.
3	Mast Size	400 mm X 400 mm X 1508 mm (Square Mast Type)
4	Mast Pipe	It is made from Sq. Tube 50 mm x 50 mm x 4 mm thickness
5	Gear Box & Motor	6.9 kW (87Hz) x 2 Nos.
6	Speed (M/Min.)	0-30 mtr. / min. (with VFD).
7	Max. Lifting Height	120 Mtrs
8	Drive Mechanism	Rack & Pinion



SPARE PARTS / STOCK



MFG. & DEALS IN CONSTRUCTION MACHINERY



An ISO 9001-2015 Certified Co.

I. S. Engineering Works

Workshop / Branch Office : D-62, Sector A-4 U.P.S.I.D.C. Tronica City Loni, Ghaziabad, (U.P.) INDIA

Mob : +91-9873403301, 8588847280

E-mail : i.s_engineering@yahoo.co.in

Web : www.isengineeringworks.com | www.isgroup.co.in

OUR SERVICES FOR MACHINE

- AMC Facility Available For Delhi, Ghaziabad, Noida, Gurgaon.
- Stand By Facility is Available.
- Pick & Drop Facility is Available.
- Exchange & Repairing Facility is available at your site.
- Sale, Services & Spare Parts at Your Site.
- We have been Provide a Service with 5 Van.



Service Support No.

+91 - 8588847284

+91 - 9718990613

