



Company Profile

"I.S. Engineering works" is committed to its customers by providing customer support & after sale service as per their requirements. We will strive to achieve this aim by service division which is based on a team of highly qualified service personnel who are ready to provide customer support, perform minor repairs, trouble shooting on site any where in the country by effectively implementing our management system and by ensuring continual improvement in all activities performed by us. In order to continually improve the organization's perform and to monitor the effectiveness of the organization's management system and to demonstrate actual realization of the commandments made in our quality police. Key performance indicators are identified at organizational level and at functional level. The key performance indicators / objectives include amond others following factores like :-

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.

Customer Care

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.

- 1. Our speciality do the repairing job all type construction machines.
- 2. All type of cutting machine blades are available & also made to order.
- 3. Tower Crane Panel Board.
- 4. Repairing all types of Electric Motor & Break Motors.

Mohd. Sultan Khan



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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.

В С

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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.S800	<image/>
	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 2.5 HP (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 teles	copic arm and counter weight



No.	Brand/Make	IS/SBP-30
1	Compacted Concrete Output	30 m3/hr
2	Batch Count	40 cycle/hr
3	Batch Cycle	1.5 min
4	Mixer Capacity Compacted	0.75 m3
5	Mixer Capacity	0.9 m3
6	Net Consumption	66 HP
7	Boom Scrapper	inbuilt
8	Aggregate Compartments (Qty)	04-Mar
9	Aggregate Weighing	1100 kg
10	Cement Weighing	300 kg
11	Water Weighing	160 ltr.
12	Additives Weighing	20 kg
13	Cement Silo Optional	1 Nos.
14	Cement Silo Capacity	100 ton
15	Engine Type	Air-Cool Diesel Engine



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	380 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	470 Kg Approximate
6	Blade thickness	90×90×25 (mm)
7	Over all Dimension	1420×460×840(mm)

BAR CUTTING MACHINE (GQ-52)

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	515 Kg Approximate
6	Blade thickness	90×90×25 (mm)
7	Over all Dimension	1420×460×840(mm)
8	Gear Oil With Machine	10 Ltr @ Machine



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 (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	390 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
9	Operating Power	Available in 220V. / 415V.





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



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	20-25 Mtrs.
3	Operating Voltage	480V.
4	Rotation	360 degree
5	Wire Rope Diameter	6mm
6	Motor Power	3 HP
7	Break	Electric System

MONKEY HOIST 350 KG

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





MONKEY HOIST 500 KG

No.	Brand/Make	
1	Make	ISE
2	Working in Height	210 Feet
3	Rotation	180º-360º 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	100 Meter (10mm)
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
		(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	0-5 (KM/H)
4	Driving Method	Hydraulic
5	Centrifugal Force	30 KN (3 TON)
6	Vibration Frequency	70 Hz
7	Starting Way	Electrical Way





DUBBLE DRUM VIVRATORY ROLLER 5 TON

No.	Brand/Make	
1	Weight in KG	1100 Kg
2	Walking Speed	0-5 (KM/H)
3	Driving Method	Hydraulic Steering
4	Centrifugal Force	50 KN (5 TON)
5	Vibration Frequency	70 Hz
6	Vibration Control	Electromagnetic Clutch
7	Starting Way	Electrical Way
8	Companion of Soil	50cm/500mm/20"
9	Compacted Asphalt	55cm/550mm/22"
10	Walking Method	Forward & Back

WALK BEHIND ROLLER DOUBLE DRUM 2.5-3 TON

No.	Brand/Make	
1	Weight in KG	550KG
2	Walking Speed	0-4(KH/H)
3	Driving Method	WALK BEHIND
4	Centrifugal Force	16KN(3 TON)
5	Vibration Frequency	70 HZ
6	ENGINE (DIESEL)/POWER	GREAVES 5520/5HP HONDA ENGINE





RL-600D (SINGLE DRUM) 1.5 TON

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 Кg
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 Кg
4	Max. Depth cut	7-8" Inch (included bar)
5	Blade rod type	Chain Drive Connection
6	Available in	Diesel Engine/ Electric Motor

EARTH COMPACTOR

No.	Brand/Make	10mm	12mm
1	Compactor Force	3 Ton	5 Ton
2	Machine Weight	110 Kg Approx.	120 Kg Approx.
3	Plate Thickness (LxWxH)	24"x20"x10mm	24"x20"x12mm
4	Prime Mover	Engine/Motor	Engine/Motor



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

(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.





(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
7	Machine Weight	950 kg.

(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



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

Brand/Make	
Unmixed Capacity	140 Ltr. (5cu.ft)
Mixed Capacity	100 Ltr. (3.5cu.ft)
Drum Specification	5mm(Bottom)/4mm(Upper)/3mm
	(Middle)/2mm(Top)
Drum Speed	22-25 rpm.
Type of Drum	Tilting Drum Mixer
Automatic Grade	Semi-Automatic
Portable(Y/N)	Yes
Prime Mover	Electric Motor/ Air-cooled Engine
Power	2 HP 3 Phase / 3 HP Air-cooled Engine
Make of Motor/Engine	Crompton/Kirloskar
	Unmixed Capacity Mixed Capacity Drum Specification Drum Speed Type of Drum Automatic Grade Portable(Y/N) Prime Mover Power





MINI ELECTRIC MIXER

No.	Brand/Make	
1	Motor	2 HP, 1 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



MIXER MACHINE

MOBILE BATCHING PLANT

No.	Brand/Make	IS-MIBP/20m ³	IS-MIBP/15m ³
1	Compacted Concrete Output	20 m³/hr.	15 m³/hr.
2	Batch Count	40 cycle/hr	40 cycle/hr
3	Mixer Capacity (Compacted)	0.5 m ³	0.38 m ³
4	Mixer Capacity	0.75 m ³	0.50 m ³
5	Mixer Motor Power	20 H.P	10 H.P
6	Weighing System	Electronic Digital	Electronic Digital
7	Cement Feeding Motor	15 HP	12.5 HP
8	Discharge Height	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



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	Туре	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

No.	Brand/Make	
1	Туре	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

★ modification as per client requirement.



CONCRETE LASER SCREED

CONCRETE LASER SCREED



No.	Brand/Make	
1	Туре	WS25-2
2	Mode	Jialing Honda
3	Туре	Electric 220V-50Hz
4	Power	3.8 HP
5	Lubrication oil level	0.6-0.8 L
6	Fuel tank volume	18 L
7	Screed width	2500 mm
8	Paving mode	Vibrating plate spreading
9	Paving thickness	50-240 mm
10	Excitation force	2000 N
11	Vibration frequency	50 Hz
12	Speed	0-36 m/min
13	Theoretical flow	20 L/min
14	Rated pressure	7 Mpa
15	Outline dimension	3210*2730*1160 mm
16	Net weight	430 Kg

SPARE PARTS / STOCK

























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- AMC Facility Available.
- 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.
- Services vans available.
- Exchange facility.



Service Support No.

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