

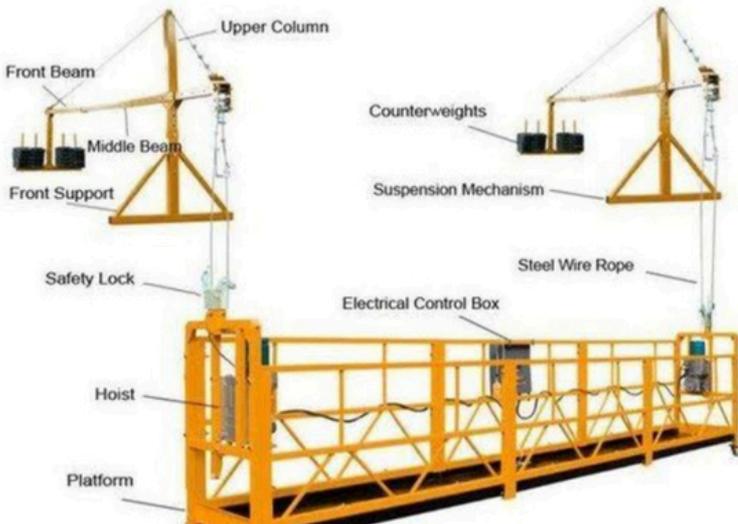


MCE SOLUTIONS

SALE AND SERVICE



Our aim your progress



MAKE IN INDIA

MCE SOLUTIONS

CONSTRUCTION MACHINE SALE AND SERVICES



MCE SOLUTIONS
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Presenting a reliable rang of quality Construction Machinery & Equipment's such as fully Automatic Batching & Mixing Plant, Concrete Mixer, Concrete Hoist, Pan Mixer, Bar Cutting & Bar Bending, Concrete Bucket, Sand Screening Vibrating, Earth Compactor, Cube Testing Machine, Vibrator, Nozzle, Mini Crane & so on.

Company Preface

Construction industry is among the most booming industries in the entire world and has gained high impetus in the past few years. To meet the increasing demands of construction industry, we Synthetic India Co. Construction Machinery strive to incorporate all the best technological advancements in our processes and deliver a hi-tech range of machinery. Started in 2012 with the motto of redefining the construction machinery & equipment's, we have progressed and gained an enviable position of known manufacture, supplier and service provider of an exclusive range of construction machinery and earth moving equipment.

Owing to the valued contribution of our mentor, **Anees Khan** our company was able to hold its grounds in the midst of challenges by furnishing the products of international standards. Our endeavors to succeed in this field would not have been possible without the relentless efforts of our workforce. Undaunted by challenges and tests, they have performed zealously in delivering, installing and manufacturing the premium zealously in delivering, installing and manufacturing the premium quality products at competitive prices.

Quality

To ensure a streamlined quality management system, we have developed a quality division with the assistance of experts and professionals. Well equipped with all the required testing equipment and machinery, our quality personnel closely monitor the process till the product leaves our premises. Some of the parameters for testing our range are as follows:

Performance Design
Tolerance Dimensional accuracy
Technical Specifications etc.

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REBAR BENDING MACHINE



GW 50

SPECIFICATION

Model	GW - 42	GW- 50	GF - 20
Plain bar	Dia 6-42	Dia 6-50	Dia 4-20
II Class Reinforced Rebar	Dia 8-32	Dia 8-42	Dia 4-16
Work Disk Dia (mm)	350	380	320
Bending Speed (times/min)	10-20	10-20	20-30
Motor Power (kw)	3 Brake Motor	4 Brake Motor	1.5
Voltage & Frequency (v/hz)	380/50	380/50	380/50
Rotation speed (r/min)	2880	2880	2880
Dimension (mm)	860×850×880	1100×900×850	850×550×850
Weight (kg)	395	470	135

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REBAR CUTTING MACHINE

GQ 40



SPECIFICATION

Model	GQ - 40	GQ - 50
Plain bar	Φ 6 - Φ 40	Φ 6 - Φ 50
Class Reinforced Rebar	Φ 6 - Φ 32	Φ 6 - Φ 42
Size of Flat Steel	< 70 * 15	< 80 * 18
Size of Square Steel	< 32 * 32	< 40 * 40
Size of Angle Steel	< 50 * 50	< 63 * 63
Control Style	With Clutch	With Clutch
Frequency of Cutting (time/min)	32	28
Motor Power (kw)	3	4
Voltage & Frequency (v/hz)	380/50	380/50
Dimension (mm)	1260*450*700	1560*500*800
Weight (kg)	400	550

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EARTH COMPACTOR SPECIFICATION

Model	SC-90
Plate Size L × W (mm)	550×420
Maximum Traveling Speed (m/min)	15-20
Impact Force	40
Engine Model	Honda GX 160
Starting System	Recoil Start
Packing Size	600×470×730
Net Weight	115



REVERSIBLE EARTH COMPACTOR SPECIFICATION

Model	SC-160B
Plate Size L × W (mm)	690×480
Maximum Traveling Speed (m/min)	20-25
Impact Force (kn)	45
Engine Model	Honda GX200
Starting System	Recoil Starter
Packing Size (L × W × H)	700×500×900
Net Weight (kg)	160



EARTH COMPACTOR SPECIFICATION

Model	STR-120
Plate Size L × W (mm)	450×600
Maximum Traveling Speed (m/min)	20-25
Impact Force (kn)	50
Engine Model	Greaves 5HP
Starting System	Manul
Packing Size (L × W × H)	600×470×730
Net Weight (kg)	145



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POWER TROWEL

SPECIFICATION

Model	ST - 1000	SE- 1000
Trowel Diameter (mm)	1000	1000
Number of Blades	4	4
Driving Speed (rpm)	50-130	50-130
Blade Dimension (mm)	350×150	350×150
Drive by	HONDA GX160	MOTOR 3HP 3Ph.
Packing Size (L×W×H) (mm)	1050×1050×360	1050×1050×360
Weight (kg)	75	75



ST 1000

TAMPING RAMMER

SPECIFICATION

Model	SR - 80	ST- 80
Drive by	HONDA GX160	Motor 3kw 3ph.
Bottom Plate Size (mm)	300×280	300×280
Impact Frequency (t/min)	640-680	640-680
Jump Stroke (mm)	55-85	55-85
Impact Force (kn)	12	12
Packing Size (L×W×H) (mm)	770×540×1060	770×540×1060
Weight	80	80



SR 80



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VIBRATORY ROAD ROLLER

CYL 31



FVR 850D



SPECIFICATION

Model	CYL - 31	FVR - 850d
Engine Model	Greaves 9hp	Greaves 9hp
Impacting force (KN)	20	20
Walking Speed (km/h)	0-4	0-4
Capacity of Oil Tank (L)	6	6
Capacity of Water Tank (L)	35	15
Wheel Size (mm)	450×600	700×580(f)/500×425(b)
Weight (kg)	600	830
Package Size (mm)	1350×940×1220	2000×900×1400

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Monkey Lift with two Wheel Barrow

Load Capacity	: 500 Kg. 700 Kg.
Movement	: 360 Degree
Boom Pipe	: 50x5mm Thickness
Boom Length	: 8 Ft.
Base Space	: 10x5 Ft.
Motor	: 7.5 HP Cromton/ Kirloskar
Gear Box	: Reduction Gear Box 30 Rpm
Panel	: 1 Ns Control Panel
Make	: MCE SOLUTIONS



Monkey Lift with two Wheel Barrow

Load Capacity	: 300 Kg.
Boom Length	: 1900 mm
Boom Height	: 2100 mm
Rotation	: 360 Degree
Power	: 3HP / Cromton / Kirloskar
Wire Rope	: 10 mm Mahadev
Make	: MCE SOLUTIONS



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MINI CRANE OD 200

Model	OD 200
Capacity	S.F/200 kg, D.F/300
Power	2.5 hp
Phase	Single & Three
Weight	85 kg
Motor	Clutch Type
Wire Rope Thickness/Length	7 mm / 30 mtr
Counter Weight	Not Included
Position	Adjustable
Rotation	360°

RIDE ON TROWEL FRT 36A

Model	FRT 36A
Weight (kg)	338
Dimension (mm)	L1980XW1020XH1500
Working Diameter (mm)	L1890XW915
Speed (rpm)	120-140
Engine	Air-Cooled
Engine type	Honda Gx690
Max. output kw (hp)	17-9(24)
Max. Speed (rpm)	3600
Fuel tank (L)	12
Blade Quantity / Pan Quantity	8/2



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SUSPENDED PLATE FORM

ZLP 800A



SPECIFICATION

Model	ZLP 800A
Rated Capacity (kg)	800
Rated Speed (m/min)	8-10
Rated Power (kw)	1.8×2 or 2.2×2
Hoist Model	LT80A LTD8
Safety Lock Model	LSF 30A LSB 30 II
Suspension Mechanism Weight (kg)	375
Suspension Platform Weight (kg)	(2500×3)×760×1420
Ascending Part Weight (kg)	535/380
Counter Weight (kg)	1000
Platform Dimension	7500×690×1460

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ELECTRIC VIBRATOR **SPECIFICATION**

Model	STREV - 001
Mix. Output (HP) (Ph)	2 - 3 (1Ph & 3Ph)
Rotation Speed	2880
Attachment	Std - Click
Fitting	Revolving - Frame



HANDY VIBRATOR **SPECIFICATION**

Model	STRHV-001
Diameter of Head (mm)	35
Length (mtr.)	1.5-2-3-4
Rubber Hose Diameter (mm)	30
Inner Core Diameter (mm)	10
Motor Power (watt)	800-950-1600
Voltage	220v 50hz
RPM (No Load)	4000





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CONCRETE VIBRATOR PAVER

SVP 219



SPECIFICATION

Model	SVP - 219
Working Width	3 - 8m
Max Insert Vibrator Depth	300mm
Travel Speed	4-8 m/ min
Dia Of Roller	219 mm
Quantity or Roller	2 roller and 1 auger
Roller Rotation Rate	36rpm
Vibrators Detail	50mm, 2m
Concrete Vibrator Distance	50cm
Material Of Machine Body	iron
Voltage / Frequency	380/50HZ
Vibrator Motor Power	1.5kw
Lifting Motor Power	1.5kw
Traveling Motor Power	3kw
Auger Motor	4kw

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PORTABLE CONCRETE MIXER

SM 200



SMT 230



SPECIFICATION

Model	SM-200	SM-230	SMT-230
Power Output (watt.)	800	900	900
Mixed Batch Output (L)	150	200	200
Drum Volume (L)	180	230	230
Operation Mass	66	66	66
Dimension (mm)	830×680×470	840×720×480	840×720×480
Weight (kg)	57	72	72

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Concrete Mixer Machine

Type	: Tilling Type
Capacity (Unmixed)	: 280 Ltr. (10/7 CFT)
Capacity (Mixed)	: 200 Ltr. (7 CFT)
Drum Speed	: 15/18 RPM with HSD Engine
Output / hour	: 6-8 Ms
Powerd	: 6-5 hp HSD Air/Water Cooled Diesel Engine and 3. hp/5.4 Electric Motor
Weight	: 600 KG
Wheels	: 4. Nos Pneumatic Wheels



Concrete Hopper Mixer

Type	: Tilling Type with Mechanic Hopper
Hopper Capacity	: 10/7 & 7/5 & 14/10
Capacity (Unmixed)	: 280 Ltr. (10/7 CFT)
Capacity (Mixed)	: 200 Ltr. (7 CFT)
Drum Speed	: 15/18 RPM with HSD Engine
Output / hour	: 6-8 M
Powerd	: 8.hp HSD Air/Water Cooled Diesel Engine and 7.5.hp Electric Motor
Weight	: 1200 KG
Wheels	: 4. Nos Pneumatic Wheels



Concrete Lift Mixer

Type	: Tilling Type with Mechanical Hopper & 2 Channel lift
Bucket Capacity	: 500 KG
Powerd	: Motor 10.hp and Engine 12.hp Air Cooled / Water colled
Weight	: 2000 KG per 50.ft Height
Wheels	: 4.Nos Pneumatic wheels

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Mini Mobile Batching Plant



Principal - Direct Loading of Material in the bin fitted above load cell.

**INBUILT DIGITAL WEIGHING SYSTEM LOAD CELL BASED
Indigenously Developed Highly Successful Load Cell Based
Weighing System To Give More Accuracy of Weighing Aggregate.**

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

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Anti Smog Gun



Throw Range	: 25- 30 metres
Mounting	: Trolley
Water Pump Power	: ICR 3hp
Water Tank Capacity	: 500 Ltr
Rotation Angle	: 0-360 Degrees
Elevation Angle	: 0-60 degrees
Usage/Application	: Reduce air pollution by spraying : atomised water into the atmosphere
Material	: Mild Steel
Automation Grade	: Semi Automatic
Model Name/ Number:	AMG30
Brand	: MCE SOLUTIONS
Country of Origin	: Made in India

Material Lift

Brand	: MCE SOLUTIONS
Height	: 5 floor
Weight Capacity	: 500-1000 Kg.
Bucket	: 1 Nos
Size of Section	: 1.5 Mtr (Angle 50x5)
Bucket Volume	: 200 Ltr.
Prime Mover	: Electric 10HP Motor, Marathon/ : Bharat Bijlee/Siemens/ABB
Winch	: Electrical Winch
Break System	: Break Fitted in Motor
Wire Rope dia	: 12 mm (Mahadev)
Gear Box	: Reduction Gear Box (Redicon)
Lifting Speed	: 30 Mtr/Min.
Control Panel	: Schneider



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TESTING AND LABORATORY EQUIPMENTS

Compression Testing Machine



- Capacity** : 50ton, 100ton, 200ton
Make : MCE SOLUTIONS
Type : Manual 1 Motors/Digital Display
Specification : Strength of Concrete is very important aspect during construction. Strength of Concrete is obtained by crushing design and specimen is tested by applying load in compression testing machine.

Slump Cone Apparatus



- Make** : MCE SOLUTIONS
Specification : The Apparatus consists of one slump cone with handles and foot pieces. The Slump cone has internal dimensions 20 cone cm. dia at base 10 cm top dia and 30 mm high. Foot pieces can be fixed to the clamps on the base plate.

Cube Moulds



- Make** : MCE SOLUTIONS
Specification : The moulds are manufactured from high quality cast iron. Consequently the moulds, with reasonable care, maintain their size and shape. Steel dowel pins ensure accuracy of alignment during re-assembly BS 1881.

Sieve Shakers



- Make** : MCE SOLUTIONS
Size : 8", 12", 18", Type : Motorized
Specification : Carriers upto 7 sieves of 150mm or 200 dia meter.
 : The Shaker is driven by 1/4 H.P. Motor through a reduction gear immersed in oil. The sieve table does not rotate but is inclined from the vertical axis and the direction of inclination changes progressively in clockwise direction in the stop pin below the table is removed, the shaker can have a rotary motion.

Electric Vibrating Machine (Cement Mortar)



Designed to suit compaction of 7.06 cm mortar specimen according to IS 4031 requirement. The vibrating frequency is 12.000 rpm. The machine supplied with Timer and 1 No. Mould

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VISION & MISSION

Capitalizing on the collective capabilities of our workforce and business ethics, we aim to expand by reaching the maximum customers, spanned across the globe, with our quality construction machinery and earth moving equipment. In addition to our products, We also offer services with the assistance of our sister concerns (Synthetic India Co. Construction Machinery) These services include:



OUR FAMILY



REPAIR | SERVICE | AMC

INSTALLATION OF CONSTRUCTION MACHINERY & EQUIPMENTS.

1. **TRAINING** is imparted to the foreman and operators on site to ensure smooth running of the machines.
2. **TECHNICAL SUPPORT**- A Company's technician is appointed to solve problems at site to ensure that the customer gets best value of his spend.
4. **SPARE PARTS SUPPORT**- We have a ready stock of spare parts of all the machines we sell and deliver spare parts quickly to ensure minimal loss of time to its customers.

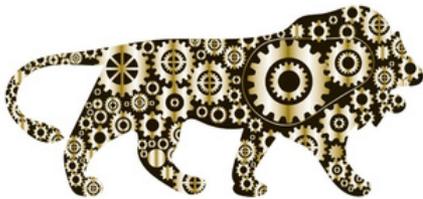
Our after sales service is unrivaled, with customer services available 24-7, spare parts delivery in quick time, problems solved in even the most complicated circumstances.

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MCE SOLUTIONS MACHINERY

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Central Bank of india (U.P)**

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**ALL CONSTRUCTION MACHINE SALES AND
SERVICE**