

PLANT & MACHINERY



Suspended Platform








Model	SONA SPP-800
Platform size	2.5*2.5*1.5*1 Meter=7.5 Meter
Material of platform	Aluminum/Steel Platform-Hot Galvanized
Balance Weight	1800 kg
Rated Load	800 kg
Ascend Speed (working speed)	9-11m/min
Wire rope	4x31 sw - 6-9.1
Wire rope size	9mm
Wire rope length	100 Meter x 4 No.
Structure Weight Approx.	800-900 kg
Counter Weight	1000 kg
Rated Liffed Force	5 KN
Power	1.8kw x 2
Voltage (According to Indian Standards)	AC 415 V 3 phase
Breaking	15 nm
Safety lock	Tilt proof safety lock (2 No's)
Height Adjustment	1.15 - 1.75 m
Front Beam extension	1.1 - 1.7 m



CNC Decoiling & Cutting Machine






GTQ4-12 For 4mm to 12mm

 Bar Straightening diameter	4-12mm
 Bar Straightening speed	20-25 m/min
 Revolving speed of main shaft	680 r/min
 Power	7.5KW
 Weight	320 kg



Ring Making Machine

GF20-for 4mm to 20mm

 Diameter of cut steel bar	≤Φ20 mm
 Frequency of shock cutting	20-30 times/min
 Motor power	1.5 KW with 2 paddles
 Motor speed	1440 r/min
 Total weight	90 kg.



Rebar Threading Machine


ADS-40 for 16mm to 40mm

 Rebar Diameter	16mm To 40mm
 Thread Pitch	3.0
 Speed	40-62 r/min
 Motor Power	4kw, Voltage: 415V
 Main shaft speed	80mm
 Net Weight	380 kg



Scrap Straightening Machine

MY5-12 For 5 mm to 12 mm

 Straightening Dia.	Φ5-12 mm
 Straightening Length	≥80cm
 Work Efficiency	20m/min
 Reduction Box/Gears	30:01
 Motor Power	5.5 KW
 Working Voltage	415V, 50HZ
 Net Weight	265KG

Stirrup Making Machine

Five Head Bender

Model	SH16B
Input Power	21.5KW
Host	1.5KW x 5
Straightening Cutting	5.5KW x 2
Output Production (10 mm)	1.5T/Hour
Air Compressor	3KW
Rated Power	17KW
Power Supply	415V 3Phase
Bending Capacity	4mm-16mm
Angle Bending	0-180°
Working Speed	45min-70min
Loading Capacity Of Feed Table	2000Kg
Diameter Specification of Principal Axis	28mm
Size	5600 x 1700 x 1550MM
Weight	2300 KG

Steel Bar Diameter	6mm	8mm	10mm	12mm	14mm	16mm
Bending Quantity	12	10	8	7	4	3



This machine adopts only up-bending way, it can produce rebar up to 2 meter square, it is different from the old machine downward bending way, the length bar for square is limited by the shaft from the ground. This machine can be integrated with the straightening machine, can produce the coil rebar into required size bar, easily solve the problem that old model can only bend the straight bar. The straightened and cutting bar will fall down to onto the feeder, and both end neat and smooth, it will be easy for the worker to take the bar and to bend, every 5 seconds as a working cycles, the efficiency is very high.



Electric Rammers

Ramming Frequency	600-700 times/min
Advance Speed	10-13 m/min
Bounce Height	45-70 mm
Motor power	3kw, Voltage : 415V
Rotation speed of motor	2880r / min
Gross Weight	90 kg



Petrol Engine Rammers

Ramming Frequency	600-700 times/min
Advance Speed	10-13 m/min
Bounce Height	45-70-mm
Motor Power	4kw
Gross Weight	90kg
Engine Type	GX160 Honda Air-cooled 4-stroke OHV
Net Torque	7.6 lb-ft (10.3Nm) @ 2,500 rpm



Compactor

Cast Iron Plate thickness	12 mm
Centrifugal force	3-5 Ton
Weight	120 Kg
Available	5 HP- Diesel Engine/ Petrol Engine/ Electric Motor



Walk Behind Vibrator Roller (Double Drum)

Engine (Diesel) / Power	Bopu Kipor
Working Width	650 mm
Vibratory Frequency	60 HZ
Grade Ability	20
Centrifugal Force	24 KN
Water Tank Capacity	35L
Drum Size (DIA X W)	410 X 650 MM
Max Traveling Speed	2.5 KM/H
Transmission System	Hydraulic
Weight (N.W./G.W)	740 kg / 780 kg approx.



Walk Behind Vibrator Roller (Single Drum)

Walk Speed	0-4 KM/H
Climbing Capacity	30°
Drive	Hydrostatic drive
Vibration Control	Automatic Clutch
Static Linear Load	45N/cm
Nominal Amplitude	0.6mm
Vibration Frequency	70Hz
Exciting Force	15 KN
Water Tank	18L
Hydraulic Oil Tank	2L
Engine Model	Greaves 5520
Power	5HP
Net Weight	400kg (Approx)
Starting Mode	Hand

L - TYPE SUSPENDED PLATFORM



Model	L Shape Platform
Platform size	2.5 x 2.5 Meter
Material of platform	Steel Platform-Hot Galvanized
Balance Weight	1000 kg
Rated Load	800 kg
Ascend Speed (working speed)	9-11m/min
Wire rope	4x31 sw - 5c-5.1
Wire rope size	9 mm
Wire rope Length	100 Meter x 4 No.
Structure Weight Approx.	800-900 kg
Counter Weight	1000 kg
Rated Lifted Force	5 KN
Power	1.8 kw x 2
Voltage (According to Indian Standards)	AC 415 V 3 phase
Braking	15 mm
Safety lock	safety lock (2 No's)
Height Adjustment	1.15 - 1.75 m
Front Beam extension	1.3 - 1.5 m

SUSPENDED PLATFORM (SINGLE HOISTER)



Model	SONA SRP-150
Platform size	1.2 Meter
Rated Load	150 kg
Wire rope Length	50m/100 Meter x 2
Lifting Speed	9-11m/min
Lifting Height	50m/100m
Power	1.5kw
Voltage (According to Indian Standards)	AC 415 V 3 phase
Safety lock	safety lock (1 No.)
Height Adjustment	1.15 - 1.75 m
Front Beam Extension	1.3 - 1.5 m

SUSPENDED PLATFORM (DOUBLE HOISTER)



Model	SONA SRP-250
Platform size	2.5 meter
Rated Load	500 kg
Wire rope Length	100 Meter
Lifting Speed	9-11m/min
Lifting Height	100m
Power	1.5kw x 2
Voltage (According to Indian Standards)	AC 415 V 3 phase
Safety lock	Tilt proof safety lock (2 No's)



Automatic Bar Bending Machine

GW50-for 6 mm to 40mm

Bending rebar diameter	≤Φ40 mm
Plate diameter	360 mm
Bending Speed	3-15 r/min
Motor power	4 KW, Voltage : 415V
Motor speed	1440 r/min
weight	430 kg



Automatic Bar Bending Machine

GW42-for 6mm to 32mm

Bending rebar diameter	≤Φ32 mm
Plate diameter	360 mm
Bending Speed	10-12 r/min
Motor power	3 KW, Voltage : 415 V
Motor speed	1440 r/min
weight	320 kg



Bar Cutting Machine

GQ50- for 6mm to 40mm

Diameter of cut steel bar	≤Φ40 mm
Frequency of shock cutting	28 times/min
Motor power	4KW, Voltage : 415V
Rotation speed of motor	2880 r/min
Total weight	550 kg



Bar Cutting Machine

GQ40- for 6 mm to 32 mm

Diameter of cut steel bar	≤Φ32 mm
Frequency of shock cutting	32 times/min
Motor power	3 KW, Voltage : 415V
Rotation speed of motor	2880 r/min
Total weight	400 kg



HANDY VIBRATORS SV 35

Power	W800
No-load Speed	RPM5600
Voltage / Frequency / Current	220V 50Hz, 2.2A
Vibrating Head Dia.	35mm
Outs de Dia. of Flexible House	30mm
Inner Dia. Of Flexible House	16mm
Dis. of Flexible Shaft	10mm
Vibrating of House Length	1.5m / 2m
Vibrating Frequency	(HZ) 220



Mini Mixer

SM 180L

Drum Capacity	6.5CF/ 180 Ltr
Drum Diameter	26"
Voltage/Hz	220V 50Hz
Motor Power	900W
Motor Speed	2800 [2880]
Weight	60 to 65 Kg



Mini Mixer

SM 230L

Drum Capacity	8.1CF/ 230 Ltr
Drum Diameter	28"
Voltage/Hz	220V 50Hz
Motor Power	450W
Motor Speed	2800 [2880]
Weight	63 to 68 Kg

Concrete Cutter

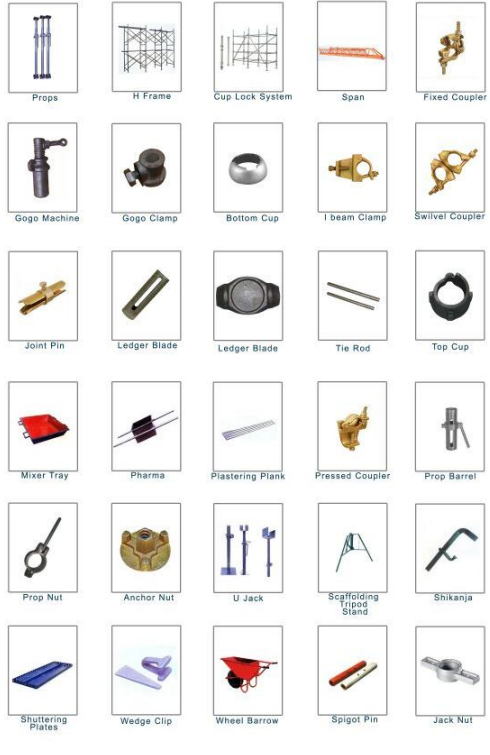
Model	HQR-500A
Diameter of saw	400-500 mm
Capacity of water tank	20 Ltr.
Weight	150 to 170 kg
Max. Depth Cut	(7.5" Inch)
Available in	[5-10HP] Diesel Engine/ Petrol Engine / Electric Motor



Power Trowel / Floters

Model	DMD-900 / DMR-900
Diameter	900 mm
Speed	120 -130 (RPM)
QTY of Blade	4 Pcs.
Power	3 hp / 415 V / 50 hz / Honda GX 160 / Honda GK 200
Blade Size	345X150mm
Weight	100 to 110 kg
Available in	Honda Petrol Engine / Electric Motor





Wood Working Machines :

Bar Bender Machines

Model	HP/ Motor	Max. dia. (mm)	Length (mm)	Weight (kg)	Dimensions (mm)
630	3	25	24	18	240x180x100
632	3	30	28	20	280x200x100
636	4	36	32	22	320x220x100
642	4	42	36	24	360x240x100
660	5	50	40	26	400x260x100
662	5.5	55	42	28	440x280x100

Standard Equipment

Bar Bending Machines

Bar Shearing Machines

Bar Shearing Machine