

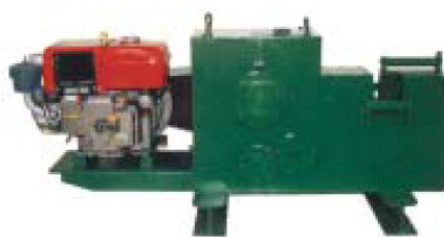
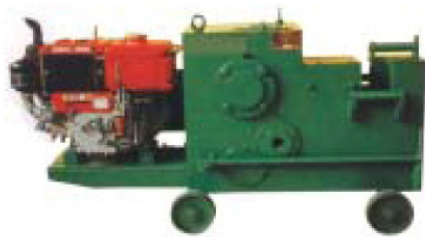
VIBRATORS, PUMP CUTTERS, BENDERS, MIXERS

Vibratory Plate Compactor

Weight kg (lb)	Compaction Plate Size (LxW) mm	Working Speed m/h	Vibration Frequency vpm	Centrifugal Force kgf (lbf)	Engine Model	Engine Type	Max. Output ps/rmp	Power
80 (176)	521 x 432	1400~1500	6100	1550	EY20D	Robin Air-Cooled 4-cycle	5.0/ 4,000	5HP 4 Stroke
110 (242)	555 x 532	900~1200	6100	2080(4576)	DY30D	Robin Air-Cooled 4-cycle	5.0/ 3,000	5HP gasoline



Diesel Driver Bar Cutter



Max. Bar Diameter	32mm ø	42ø
Diesel Engine	5HP	6HP
Diameter	1480	1828
Length	875	736
Width	775	838
Height	750	850
Weight		

Heavy Duty Bar Bender



Max. Bar Diameter	32mm ø	42ø
Diesel Engine	6HP	8.5-10HP
Diameter	1320	1549
Length	1030	1143
Width	875	939
Height	860	970
Weight		

Bar Dia (m/m)	16	19	22	25	28	32	42	-
Dia of Fulcrum Roller (m/m)	64	74	86	97	109	125	-	øps
Dia of Fulcrum Roller (m/m)	-	75	88	-	108	128	148	5ps

Submersible Pump

Discharge Diameter mm	Maximum Lift (m)	Maximum Capacity (l/min)	Standard Length of Flexible Shaft (m)	Weight (kg)			Prime Mover	Revolution (r.p.m)
				Pump	Flexible	Total		
76	17	1,200	6	5.5	17.0	22.5	5 pcs 4-cycle Air-cooled Gasoline Engine	3,000 ~ 5,000



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VIBRATORS, PUMP CUTTERS, BENDERS, MIXERS

Concrete Vibrators



(with turn table)



Type	Vibrator Head Dia x Length mm	Frequency (v.p.m.)	Revolutions Of Shaft (rpm)	Vibration Amplitude (mm)	Flexible Shaft Length (m)	Approx. Weight (kg)
28	28 x 460	9800 ~ 12,500	3,000	1.1	6	18
32	32 x 470			1.4	6	18
38	38 x 490			1.6	6	19
45	45 x 500			2.0	6	20
60	60 x 500			2.4	6	21

Size
32mm
38mm
45mm
60mm

Vibrator

High Frequency Vibrator



Needle ø	mm	36	48	50	58	60	70	80	100
Needle Length	mm	350	360	360	365	365	410	440	510
N vibrations	1'	12,000	12,000	12,000	12,000	12,000	12,000	12,000	6,000
Amplitude	mm	1,2	1,6	1,6	1,8	1,8	2	2,1	3
Compacting power	cum/h	6 ÷ 8	9 ÷ 12	9 ÷ 12	20 ÷ 25	20 ÷ 25	30 ÷ 35	40 ÷ 45	65 ÷ 70
Action ø	cm	60	70	70	90	90	100	150	180
Centrifugal force	Kg	95	280	280	450	450	620	850	1,200
Schleuderkraft - Intensité de vibration	KN	0,95	2,8	2,8	4,5	4,5	6,2	8,5	12
Input	v	42	42	42	42	42	42	42	42
Absorption	A	6	8	8	12	12	18	28	35
Rubber hose	m	5	5	5	5	5	5	5	5
Feed cable	m	10	10	10	10	10	10	10	10
Total Weight	Kg	8	12	12	15	15	18	20,5	28

OPTIONALS

THERMIC PROTECTION

The thermic protection of the VA.VA model provides the automatic disconnection of the vibrator when the needle rises over approx. 120°C max temperature with partial immersion in concrete, avoiding a burnt stator. To restore the activity, you only need to plunge the vibrating needle into cold water for a few minutes. The system operates also when one or more phases are damaged.

MERCURY SWITCH

The mercury switch is arranged inside the operating pipe, 50 cm from the needle; holding this part sloped by approx. 15÷20 degrees, you'll start the needle and holding the part of the pipe-switch horizontally, the needle stops.

VULCANIZED TAP

Recommended for casting in wooden panels, to prevent damaged panels.



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VIBRATORS, PUMP CUTTERS, BENDERS, MIXERS

Air Vibrator

Range VP Optional:

- Vibrators from 32 to 55mm ϕ available also with rigid rod and/or with spatulapop
- Line lubricating device
- Vibrator rubber hose longer than 2m standard can also be supplied



Needle ϕ	mm	32	44	55	75
Needle Length	mm	250	280	320	375
N Vibrations	1'	14,000	13,000	12,500	12,000
Amplitude	mm	0,8	1,2	1,56	2
Compacting Power	cum/h	8	15	23	28
Action ϕ	cm	50	60	70	90
Centrifugal Force	Kg	75	225	400	700
Schleuderkraft - Intensité de vibration	KN	0,75	2,25	4	7
Operating Pressure	Atm-Atu	6	6	6	6
Air Consumption	l/l' max	350	420	520	700
Tubo - Rubber Hose	m	2	2	2	2
Total Weight	Kg	2,8	5,8	7,5	12,5

External Handy Vibrator Series



100V or 200V 5 or 2.5Amp. 28Watt Single Phase

Frequency (VPM)	Amplitude (mm)	Total Height (mm)	Bottom Face (mm)	Weight (kg)
9,000 ~ 10,000	0.6	402	75 x 102	3.9
		405	120 x 150	4.9
8,000 ~ 10,000	1.0	422	110 x 150	5.0
		425	200 x 200	6.7

Note: In ordering, please specify voltage, and cycle

Electric Vibrator

Vibrator with Rigid rod and electric motor, single-phase

- Input 220-230V ~50-60 Hz
- Double insulation
- IP 23
- Needle with rod length 80cm
- Needle ϕ 22mm (also VR 25 E version with 25mm ϕ)
- Cordset with plug ca 4m
- Motor and needle total weight 3kg



Single Phase Models



Size
35mm x 4 m
35mm x 6 m
45mm x 4 m
45mm x 6 m
50mm x 4 m
50mm x 6 m

Motor & Head Assembly



Wide Selection of Heads and Flexible Shafts



Portable Electric Models



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VIBRATORS, PUMP CUTTERS, BENDERS, MIXERS

Concrete Mixer



Standard Features

- Full compliance with most world safety norms and directives (for exact details contact the factory).
- Suitable for concrete and mortar mixing.
- Totally enclosed gearbox and drive mechanism for complete safety.
- Easy to assemble in minutes, boxed concept improves storage and customer delivery.
- Quickly mounts onto its stand – a one man operation.
- Transports easily in the back of most family cars.
- Heavy duty rotational (360°). 3 piece tubular steel stand can be conveniently stored away when not in use.
- Very robust high quality design capable of withstanding continuous rental duty.
- Removable drum unscrews for quick replacement.
- Available powered by electric motor or petrol engine.

Performance Data

Electric Motor**
Gearbox
Drum
Gross drum volume
Mixed Batch Output
Production Batch Rate

240 volt 630W single phase (370W out)
Heavy duty precision worm drive running on ball races immersed in oil, housed in a pressure die cast aluminium casing
Pressed Steel
136 litres (4.8 cu. ft)
120/90 litres (4/3 cu. ft)
1.08m³/hr (38ft³/hr)

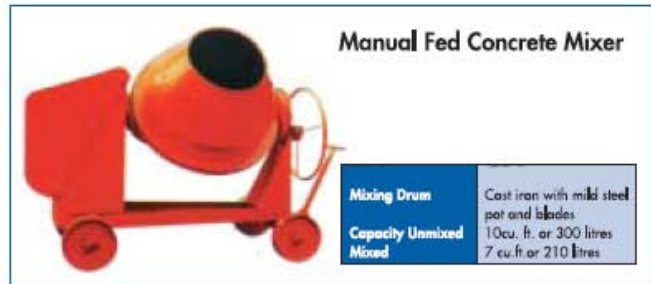
** Electric details are for 50Hz operation, consult factory for 60Hz details.

Electric Motor Version	Petrol Engine Version	Rotational Stand
Length 0.915m	Length 0.915m	Weight 16.0kg
Wide 0.600m	Wide 0.600m	
Height 0.725m	Height 0.960m	
Weight 78.5kg	Weight 82.5kg	



General Information

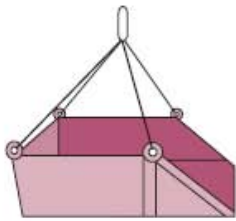
The VANSON MIXER is easy to remove when taking up and down from the truck. It can be loaded and discharged on both sides of the mixer. This model is the result of Vigorous research and years of experience in this particular field of engineering. It is designed to give maximum efficiency with low running costs. * Capacity of 5 x 3.5cu ft (140 x 100 Litres)



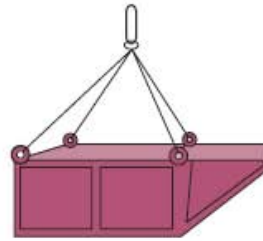
Manual Fed Concrete Mixer

Mixing Drum	Cast iron with mild steel pot and blades
Capacity Unmixed	10cu. ft. or 300 litres
Mixed	7 cu.ft or 210 litres

Concrete Bucket



A1



Cube Mould

Description	Item / CU 3	Overall Size O.D.
A2	0.5	34" x 34" x 48"
Centre Discharge	0.75	40" x 40" x 50"
	1.0	42" x 42" x 56"
	1.5	48" x 48" x 56"
A1	0.75	36" x 22" x 60"
Sand Bucket	1.0	40" x 25" x 71"
	1.5	52" x 25" x 84"
A5	1.0	40" x 25" x 71"
Mud Bucket	1.5	52" x 25" x 84"
A4	0.5	34" x 34" x 48"
Side Discharge	0.75	40" x 40" x 50"
	1.0	42" x 42" x 56"
	1.5	48" x 48" x 56"
	2.0	58" x 58" x 59"
Note: All 5/8" Dia. x 1.5m sling c/w shackle, except SB 0.75 & 1.5 cubic concrete discharge 1/2" dia. x 1.2m sling c/w shackle.		
Hopper ø 600mm x 700mm with 200mm outlet	H 0.6	ø 600mm x 700mm with 200mm outlet
Concrete truck 1.0m Lg	T 1.0	ø 250mm x ø 200mm x 1.0m
Cube Mould		100 x 100 150 x 150



Concrete Chute



Hopper



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