

CONSTRUCTION TOOLS

Concrete Mixer



AA00094

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**	240 volt 630W single phase (370W out)
Gearbox	Heavy duty precision worm drive running on ball races immersed in oil, housed in a pressure die cast aluminium casing
Drum	Pressed Steel
Gross drum volume	136 litres (4.8 cu. ft)
Mixed Batch Output	120/90 litres (4/3 cu. ft)
Production Batch Rate	1.08m ³ /hr (38ft ³ /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		



Petrol
AA00092
Electric
AA00093

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) VANSON MIXER of similar design is also available.

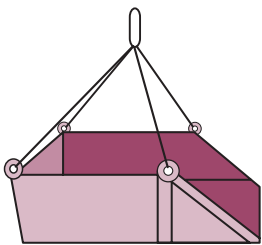
Manual Fed Concrete Mixer



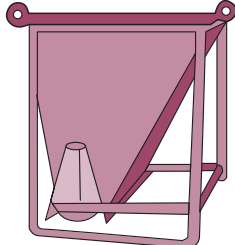
Model No.	AET 71
Mixing Drum	Cast iron with mild steel pot and blades
Capacity Unmixed	10cu. ft. or 300 Litres
Mixed	7cu. ft. or 210 Litres

AET 71 AA00239

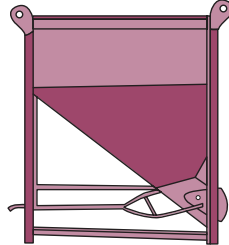
Concrete Bucket



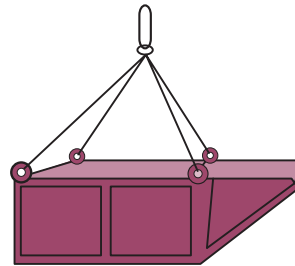
A1
AA00105



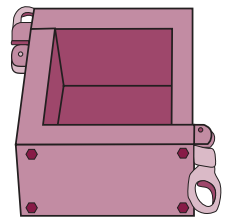
A2
AA00097



A4
AA00101



A5
AA00107



Cube Mould
AA00111

Model	Description	Item/CU 3	Overall Size O.D.
AA00095		0.5	34" x 34" x 48"
AA00096	A2	0.75	40" x 40" x 50"
AA00097	Centre Discharge	1.0	42" x 42" x 56"
AA00098		1.5	48" x 48" x 56"
AA00104	A1	0.75	36" x 22" x 60"
AA00105	Sand Bucket	1.0	48" x 24" x 63"
AA00106		1.5	52" x 25" x 84"
AA00107	A5	1.0	40" x 25" x 71"
AA00108	Mud Bucket	1.5	52" x 25" x 84"
AA00099		0.5	33" x 33" x 49"
AA00100		0.75	39" x 48" x 45"
AA00101	A4	1.0	48" x 48" x 55"
AA00102	Side Discharge	1.5	51" x 53" x 59"
AA00103		2.0	60" x 60" x 63"
Note: All 5/8" 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.			
AA00109	Hopper Ø 600mm x 700mm with 200mm outlet	H 0.6	Ø600mm x 700mm with 200mm outlet
AA00110	Concrete trunk 1.0m Lg	T 1.0	Ø250mm x Ø200mm x 1.0m
AA00111	Cube Mould		100 x 100
AA00112			150 x 150



Concrete Chute
AA00110



Hopper
AA00109

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CONSTRUCTION TOOLS

Air Vibrator

Range VP Optionals

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



AA00085

Type	Unit	AA00085	AA00086	AA00087	AA00088
Needle \varnothing	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 \varnothing	cm	50	60	70	90
Centrifugal Force	Kg	75	225	400	700
Schleuderkraft - Intensite de vibration	KN	0,75	2,25	4	7
Operating Pressure	Atm-Atu	6	6	6	6
Air Consumption	lt/1' max	350	420	520	700
Tubo - Ruuber 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

Model	Frequency (VPM)	Amplitude (mm)	Total Height (mm)	Bottom Face (mm)	Weight (kg)
BCKC W/ Holder	9,000~10,000	0.6	402	75 x 102	3.9
			405	120 x 150	4.9
BCKD W/ Holder	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 \varnothing 22mm (also VR 25 E version with 25mm \varnothing)
- Cordset with plug ca 4m
- Motor and needle total weight 3kg



AA00089

Single Phase Models



AA00079

Model No.	Size
AA00079	35mm x 4 m
AA00080	35mm x 6 m
AA00081	45mm x 4 m
AA00082	45mm x 6 m
AA00083	50mm x 4 m
AA00084	50mm x 6 m

Motor & Head Assembly



Wide Selection of Heads and Flexible Shafts

Portable Electric Models



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CONSTRUCTION TOOLS

Concrete Vibrators



AA00061

Robin Gasoline Engine



AA00059

Type	Type	Vibrator Head Dia x Length mm	Frequency (v.p.m.)	Revolution of Shaft (rpm)	Vibration Amplitude (mm)	Flexible Shaft Length (m)	Approx. Weight (kg)
AA00061	28	28 x 460	9800~12,500	3,000	1.1	6	18
AA00062	32	32 x 470			1.4	6	18
AA00063	38	38 x 490			1.6	6	19
AA00064	45	45 x 500			2.0	6	20
AA00065	60	60 x 500			2.4	6	21

Model	EY20D-3
Type	Single Cylinder Horizontal P.T.O. Shaft
Bore x Stroke (mm)	67 x 52
Piston Displacement (cm ²)	183
Maximum Output (HP/rpm)	5.0/4000
Continuous Output (HP/rpm)	3.5/3600
Maximum Torque (kg.m/rpm)	0.95/2800
P.T.O. Shaft Rotation	Counter-Clockwise Facing P.T.O. Shaft
Fuel	Gasoline
Fuel Tank Capacity (L)	3.8
Lubricating Oil Capacity (L)	0.6
Ignition System	Pointless Electronic Ignition
Starting System	Recoil Starter
Dry Weight (kg)	15
Dimensions L x W x H (mm)	319 x 317 x 392

Vibrator

High Frequency Vibrator



AA00071



AA00072

Type	Unit	VAF36 VAF36T	VAF48 VAF48T	VAF50 VAF50T	VAF58 VAF58T	VAF60 VAF60T	VAF70 VAF70T	VAF80 VAF80T	VAF80 VAF80T
Model		AA00071	AA00072		AA00073		AA00074	AA00075	AA00076
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 - Intensite 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 VAF T 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. Available for VAF and VAF T needles, for 58mm max diameter.

BY REQUEST, ALSO 250 V VIBRATORS FOR USE WITH CONVERTERS/GENERATORS AT 250 V OUTLET AVAILABLE.

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