

V600 PNEUMATIC INTERNAL VIBRATORS



VIBTEC AUSTRALIA

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V600 PNEUMATIC INTERNAL VIBRATORS



Engineered with minimum moving parts
Simple precision construction,
No special tools required
High efficiency and centrifugal force output
Maintenance free rotor
Simple on/off valve
In Line Lubricator fitted as standard
Wear parts produced in heat treated high quality steel
Highly competitive price
Available with 2 mtr, 4 mtr & 6 mtr hoses
2 Mtr Supplied as Standard
Available with polyurethane noses

SPECIFICATION

Model	V628	V635	V645	V655	V665	V675	V685	V6100
Head Dia mm	28	35	45	55	65	75	85	100
Head Lgth mm	253	280	320	341	352	391	423	380
Overall Length 2mtr /mm	2653	2640	2670	2700	2700	2740	2770	2740
Max possible length mtr	6.0	10.0	12.0	12.0	12.0	12.0	12.0	8.0
Weight Kg 2 mtr	5.5	6.0	7.5	10.5	11.0	16.5	18.0	23.0
Weight Kg 4 mtr	6.0	6.5	8.0	11.5	12.0	17.5	19.0	27.5
Weight Kg 6 mtr	6.5	7.5	9.0	12.5	13.0	18.5	20.0	32.0
Consumption Ltr/min	504	608	736	820	1018	1218	1600	2100
Consumption CFM	17.8	21.5	26.0	29.0	36.0	43.0	56.5	74.3
Frequency R P M	18000	18000	17000	17000	18000	18000	17000	13500
Amplitude in air mm	1.0	1.4	1.8	2.5	2.5	1.9	2.1	2.1
Centrifugal Force Newton	1063	1418	2213	3795	11523	15742	23086	22855
Centrifugal Force Kg	108	144.5	226	387	1174	1605	2353	2329
Eccentric Moment mm.kg	0.30	0.40	0.70	1.20	3.25	4.44	7.30	11.46
Eccentric Moment in.lb	0.025	0.035	0.073	0.148	0.275	0.339	0.633	0.995
Weighted Vib Reading m/s ²	3.35	1.14	5.26	6.81	5.78	8.41	9.48	12.53
Output maximum m ² /hr	3	10	16	25	28	32	42	55
Radius of effectiveness	14cms	20cms	25cms	38cms	44cms	50cms	55cms	65cms
S P Level dB(A)	101.3	107.2	113	109	113	112.1	109	112.2

Extension hoses: can be used but pressure at the coupling must be maintained at 87 psi to avoid a drop in vibrator performance using a 30 mtr 1/2 " hose there can be a 10% drop in pressure. The exact length of hose that can be used is dependent upon site conditions and the compressor used. Performance figures are all theoretical based on a new machine, but may vary due to different types of concrete and should only be used as a guide

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Polyurethane Nose Caps



Polyurethane covered nose caps are available for a 35-75mm Pneumatic pokers, they are used when shuttering has intricate patterns and offer some protection to avoid damaging epoxy coatings on rebar.

Fitting the noses is simple, remove existing nose cap and replace with neoprene covered nose, it has to be appreciated the life of polyurethane noses is limited.

Use and Selection of Compressor, Compressor Hoses and Regulators

When selecting a compressor ensure that output is sufficient to power Pneumatic pokers to be used.

Excessive pressure will damage the Pneumatic Poker.

Low pressure will cause poor performance from the tool.



Regulators

The air pressure at the Tool Coupling must be maintained at 87 psi, 6 Bar.

Regulators are not supplied with the tool, but can be supplied as an option or sourced locally.

The model shown has an integral pressure gauge.

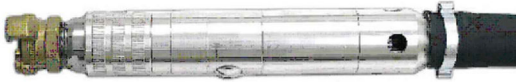
Ask for guidelines if required.



Compressor Hoses

Extension Hoses can be used but pressure at the coupling must be maintained at 87 psi, 6 Bar to avoid a drop in vibrator performance using a 30 mtr 3/4 " hose there can be a 10% drop in pressure. The exact length of hose that can be used is dependent upon site conditions and the compressor used.

We can supply a full range of hoses and fittings.



In line Lubricators

The V628-V6100mm series of Pneumatic Pokers have a built in Lubricator which must be kept full at all times, for maximum tool life.

Not all competitors machines have Lubricators fitted



Hose Couplings

The V600 series are fitted with the European Coupling as standard.

American Couplings can be fitted as required

Australian Minsup can be fitted as required (not illustrated)

European Coupling

American Coupling

Hose length:

Available with 2 mtr, 4 mtr & 6 mtr hoses

2 Mtr Supplied as Standard



Maximum lengths

28mm 6mtrs, 35mm 10mtrs, 45-85mm 12mtr, 100mm 8mtr

NB: Pressure at the coupling must be maintained at 87 psi to avoid a drop in vibrator .

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