

STALLION SPP PNEUMATIC VIBRATORS



Engineered with minimum moving parts
 Simple precision construction,
 No special tools required
 High efficiency and centrifugal force output
 Maintenance free rotor
 Simple valve operation
 In Line Lubricator fitted as standard
 Wear parts produced in heat treated high quality steel
 Available with 4 & 6 metre hoses
 Available with Polyurethane Noses to special order
 European Coupling fitted as Standard
 American Coupling available to special order



Polyurethane Nose European Coupling American Coupling

SPP PNEUMATIC INTERNAL CONCRETE VIBRATOR

Model / mm	SPP28	SPP35	SPP45	SPP55	SPP65	SPP75	SPP85	SPP100
Head Diameter	28 mm	35 mm	45 mm	55 mm	65 mm	75 mm	85 mm	100 mm
Head Length	253 mm	280 mm	320 mm	341 mm	352 mm	391 mm	423 mm	380 mm
Overall Length 4mtr	4.653 mtr	4.640 mtr	4.670 mtr	4.700 mtr	4.700 mtr	4.740 mtr	4.770 mtr	4.740 mtr
Overall Length 6mtr	6.653 mtr	6.640 mtr	6.670 mtr	6.700 mtr	6.700 mtr	6.740 mtr	6.770 mtr	6.740 mtr
Maximum possible length (Special Order)	6.0 mtr	10.0 mtr	12.0 mtr	12.0 mtr	12.0 mtr	12.0 mtr	12.0 mtr	12.0 mtr
Weight kg 4mtr	6.0 kg	6.5 kg	8.0 kg	11.5 kg	12.0 kg	17.5 kg	19.0 kg	27.5 kg
Weight kg 6mtr	6.5 kg	7.5 kg	9.0 kg	12.5 kg	13.0 kg	18.5 kg	20.0 kg	32.0 kg
Air Consumption litres/minute	504 l/min	608 l/min	736 l/min	820 l/min	1018 l/min	1218 l/min	1600 l/min	2100 l/min
Air Consumption Cubic Feet per Minute	17.8 cfm	21.5 cfm	26.0 cfm	29.0 cfm	36.0 cfm	43.0 cfm	56.5 cfm	74.3 cfm
Frequency VPM/R P M	18000	18000	17000	17000	18000	18000	17000	13500
Amplitude in air	1.0 mm	1.4 mm	1.8 mm	2.5 mm	2.5 mm	1.9 mm	2.1 mm	2.8 mm
Centrifugal Force Newton	800 N	1924 N	3500 N	6050 N	9301 N	14851 N	27730 N	33309 N
Centrifugal Force	81 Kg	196 Kg	357 Kg	617 Kg	948 Kg	1513 Kg	2826 Kg	3395 Kg
Weighted Vibration Reading metre/sec ²	3.35	1.14	5.26	6.81	5.78	8.41	9.48	12.53
Output maximum metre ³ /hour	Up to 3	Up to 10	Up to 16	Up to 25	Up to 28	Up to 32	Up to 42	Up to 55
Radius of effectiveness	14 cms	20 cms	25 cms	38 cms	44 cms	50 cms	55 cms	65 cms
S P Level	101.3 dB(A)	107.2 dB(A)	113 dB(A)	109 dB(A)	113 dB(A)	112.1 dB(A)	109 dB(A)	112.2 dB(A)

Air consumption established with a supply pressure of 6 bar. Sound and Vibration figures taken one metre from Poker Head. Output varies dependant on mix.

Extension hoses: can be used but pressure at the coupling must be maintained at 85 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

United Gulf Trading Company



STALLION



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