



HMS

Modular Internal Vibrators



Individually configurable: The internal vibrators HMS by Wacker Neuson

The HMS range offers flexibility and cost-effectiveness: The internal vibrators of this range are individually configurable with different flexible shafts, vibrator heads and motors. All devices feature quick disconnect coupling for quick and easy use. The vibrator heads are induction hardened and therefore offer high wear resistance.

- Choice of 3 electric motors and 3 gasoline engines
- Selection of 12 different vibrator heads
- 11 different flexible shafts

Possible combinations

Gasoline engine, Internal vibrator & flexible shaft

		SM 1-E	SM 2-E	SM 4-E	SM 0-S	SM 1-S	SM 2-S	SM 3-S	SM 4-S	SM 5-S	SM 7-S	SM 9-S	
WACKER NEUSON STANDARD	H 25	A 1500/035			X	X	X	X	X	X	X	X	
	H 25S	A 3000/160			X	X	X	X	X	X	X	X	
	H 25HA	L 5000/225			X	X	X	X	X	X	X	X	
	H 35	A 1500/035	X	X	X								
	H 35S	A 3000/160	X	X	X								
	H 35HA	L 5000/225	X	X	X								
	H 45	A 1500/035	X	X	X								
	H 45S	A 3000/160	X	X	X								
	H 45HA	L 5000/225	X	X	X								
		A 1500/035	X	X	X								
	H 50HA	A 3000/160	X	X	X								
		L 5000/225	X	X	X								
		A 1500/035	X	X	X								
	H 55	A 3000/160	X	X	X								
		L 5000/225	X	X	X								
		A 1500/035	X	X	X	X	X	X	X	X	X	X	X
	H 65	A 3000/160	X	X	X								
		L 5000/225	X	X	X								

S = short standard vibrator head **HA**= hybrid vibrator head with high amplitude **yellow** = permitted combination (**x**) = not permitted

electric motor, internal vibrator & flexible shaft



	SM 1-E	SM 2-E	SM 4-E	SM 0-S	SM 1-S	SM 2-S	SM 3-S	SM 4-S	SM 5-S	SM 7-S	SM 9-S
H 25	● ● ●	● ● ●	● ● ●	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
H 25S	● ● ●	● ● ●	● ● ●	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
H 25HA	● ● ●	● ● ●	● ● ●	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
H 35	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 35S	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 35HA	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 45	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 45S	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 45HA	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 50HA	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 55	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●
H 65	XXX	XXX	XXX	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●	● ● ●

S = short standard vibrator head **HA** = hybrid vibrator head with high amplitude

(gray) = M 1000 (yellow) = M 2000 (red) = M 3000

(white) = not recommended (x) = not permitted



Technical specifications

Electric drives

	M 1000	M 2000	M 3000
Engine / Motor	double insulated universal motor	double insulated universal motor	double insulated universal motor
Voltage 1~ V	230	230	230
Current A	4.6	7.5	9.3
Frequency Hz	50 - 60	50 - 60	50 - 60
Power kW	1.1	1.73	2.13
Weight kg	5.4	5.9	8.1
L x W x H mm	500 x 160 x 210	500 x 160 x 210	500 x 160 x 210
Power cable m	5	5	5

Gasoline engine drives

	A 1500/35	HD 3.7	RD 3.7	YD 3.7
Engine / Motor	air-cooled single-cylinder four-stroke Honda gasoline engine	air-cooled single-cylinder four-stroke Honda gasoline engine	air-cooled single-cylinder four-stroke Robin gasoline engine	air-cooled single-cylinder diesel engine
Power kW (hp)	1.0 (1.36)	4.1	3.7	3.5
Fuel type	regular-grade gasoline	regular-grade gasoline	regular-grade gasoline	diesel
Fuel consumption l/h	0.8	0.92	1.12	0.78
Tank capacity l	0.55	3.6	3.8	2.5
Weight kg	10.6	29	29	39
L x W x H mm	424 x 274 x 403	460 x 460 x 530	460 x 460 x 530	460 x 460 x 530

Flexible shafts

	SM1-E	SM2-E	SM4-E
Length mm	1,000	2,000	4,000
Weight kg	1.5	2.5	4.3

Flexible shafts

	SM0-S	SM1-S	SM2-S	SM3-S
Length mm	500	1,000	2,000	3,000
Weight kg	1.3	2.7	4.3	5.9



Flexible shafts

	SM4-S	SM5-S	SM7-S	SM9-S
Length mm	4,000	5,000	7,000	9,000
Weight kg	7.1	9.3	12.9	15.1

Vibrator heads - standard

	H 25	H 35	H 45	H 55	H 65
Diameter mm	25	35	45	57	65
Length mm	440	410	385	410	385
Weight kg	1.3	2.1	3.4	5.4	6.8

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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