



**WACKER
NEUSON**
all it takes!

HMS

Modular Internal Vibrators



Economical concrete consolidation for every need: HMS

The HMS series offers flexibility and economic efficiency: These high frequency flex-shaft internal vibrators can be adapted to every type of application. Heads and shafts can be easily combined and rapidly exchanged to match the right equipment to the job. Unique hybrid heads offer optimum concrete consolidation and movement. Wacker Neuson HMS systems provide reliable performance and quality concrete.





- Long life carbon brushes offer up to 500 hours of run time
- Maintenance-friendly: Low cost and time effort for maintenance jobs
- Durable components: Hardened vibrator head, durable housing, reinforced protection hose
- Reliable and strong performance: High quality drives for productive work with a high quality result
- Wide range of components: Flexible shafts 1.5–30 ft., vibrator heads 1–2.75 in, electric and gasoline drives

Possible combinations

Motors, Heads, Shafts = HMS



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	SM 0-S	SM 1-S	SM 2-S	SM 3-S		SM 1-E	SM 2-E	SM 3-E		SM 3-S	SM 4-S	SM 5-S
	SM 4-S	SM 5-S	SM 7-S	SM 9-S		SM 4-E	SM 5-E	SM 7-E				
H 35S	 M1500 or M2500				H 25S	 M1500 or M2500			H 35HA	 BV 50A-H		
H 35HA					H 25HA				H 45HA			
H 45S					H 50HA	H 45HA						
H 45HA					H 65	H 50HA						
H 50HA	 M2500 Only				SHAFT:		HEAD:					
H 65					SM = Shaft	H = Vibrator Head						
HR 48					1 = Length in m (0 = 0.5 m)	R = Rubber Coated Head						
HR 65					E = Economy	25 = Diameter of head in mm						
HR 70					S = Standard	S = Short head						
HR 70S				HA = Head with high amplitude								

T-handle Guide



Green
M1500



Red
M2500



Technical specifications

Electric Motors

	M1500	M2500
Vibrations rpm	14,000	16,000
Engine / Motor	Double insulated universal motor	Double insulated universal motor
Voltage 1~ V	120	120
Current A	12.5	15
Frequency Hz	50 - 60	50 - 60
Power kW (hp)	2.0	2.5
Weight lb	10.9	11.9
L x W x H in	12.3 x 6.1 x 9.1	12.3 x 6.1 x 9.1
Power cable ft	1.6	1.6

Gasoline engine

Engine / Motor	Air-cooled single-cylinder four-cycle Honda Gasoline engine
Power Engine	4 kW
Fuel type	Regular grade Gasoline
Fuel consumption	0.26 US gal/h
Tank capacity	3.8 US qt
Weight	52.25 lb
L x W x H	22.3 x 16.6 x 15.2 in

Flexible shafts

	SM1-E	SM2-E	SM3-E	SM4-E	SM5-E
Length in	39.4	78.7	118.2	157.5	197
Weight lb	3.3	5.5	7.5	9.5	11

Flexible shafts

	SM7-E	SM0-S	SM1-S	SM2-S	SM3-S
Length in	275.8	19.7	39.4	78.7	118.1
Weight lb	15.4	2.9	6	9.5	13

Flexible shafts



	SM4-S	SM5-S	SM7-S	SM9-S
Length in	157.5	196.8	275.6	354.3
Weight lb	15.7	20.6	28.4	33.3

Vibrator heads – standard

	H 65
Diameter in	2.6
Length in	15.2
Weight lb	13.7

Vibrator heads – short

	H 25S	H 35S	H 45S
Diameter in	1	1.4	1.8
Length in	11.6	12.2	12
Weight lb	1.8	3.5	6.2

Vibrator heads – square

	H 25HA	H 35HA	H 45HA	H 50HA
Diameter in	1	1.4	1.8	2
Length in	15	15.9	15.4	15.6
Weight lb	2.9	5.1	7.3	8.5

Vibratory heads - rubber coated

	HR48	HR65	HR70	HR70S
Diameter in	1.89	2.5	2.75	2.75
Length in	6	15	15	150
Weight lb	6	8.4	11	6



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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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