



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

Drives, internal vibrators and flexible shafts



H = Vibrator head (Number = Vibrator head diameter, HA = Large amplitude, S = Short vibrator head)

SM = Flexible shafts (Number = Length in meters, E= Economy, S = Standard) **BV 50A-H** = backpack vibrator compatible with heads and shafts

(green) = M 1500

(red) = M 2500

Technical specifications

Electric Motors

	M 1500	M 2500
Vibrations rpm	14,000	16,000
Engine / Motor	Double insulated universal motor	Double insulated universal motor



	M 1500	M 2500
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	SM4-E
Length in	39.4	78.7	157.5
Weight lb	3.3	5.5	9.5

Flexible shafts

	SM0-S	SM1-S	SM2-S	SM3-S
Length in	19.7	39.4	78.7	118.1
Weight lb	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 25	H 35	H 45	H 55	H 65
Diameter in	1	1.4	1.8	2.2	2.6
Length in	17.3	16.1	15.2	16.1	15.2
Weight lb	2.9	4.6	7.4	11.7	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

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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