



HMS

Modular Internal Vibrators



The modular internal vibrator concept: HMS

The HMS range impresses with flexibility and economic efficiency: The internal vibrators of this range are individually configurable with different flexible shafts, vibrator heads and engines. All equipment has a quick disconnect coupling for simple and quick handling as well as mobile, easily portable engines. The vibrator heads are induction hardened and therefore offer high wear resistance. The HMS range therefore offers adaptation capabilities for the requirements on every construction site.

- Wide range of components: Flexible shafts 0.5 – 9 m, vibrator heads 25 – 65 mm, diesel, gasoline and electric motors
- Serviceability: Low cost and time effort for maintenance jobs
- Durable components: Hardened vibrator head, durable housing, reinforced protection hose
- Reliable and strong performance: High-quality engines for productive work with a high-quality result
- Extremely durable thanks to the sturdy, break-proof high impact plastic housing

HMS in detail



Vibrator head

- Extremely durable and protected against wear
- Induction-hardened vibrator head
- Repairable vibrator head



Vibrator head sizes for all applications

- Round and square vibrator head available
- 6 vibrator head sizes available
- Diameter 25, 35, 45, 50, 55, 65 mm



Flexible shafts

- Ideally protected by a metal spiral
- Length can be individually ordered from 0.5 to 9 meters or can even be shortened later
- No additional equipment necessary
- Possible to replace the flexible shaft without tools thanks to the rapid change coupling

Three engine variants are available to choose from



Electric motor

- Extremely durable thanks to the sturdy, break-proof high impact plastic housing
- Ideal to transport thanks to the compact form, low weight and ergonomic handle
- All-around protected against splash water
- Meets the highest safety standards
- 5 meter power cable for large freedom of movement when working - Made from rubber
- Extremely flexible and at the same time maximum sturdiness
- Two versions available:
 - Electric motor with 1.5 kW performance and 5.3 kg weight
 - Electric motor with 1.8 kW performance and 5.9 kg weight



Associated air cleaner

- Extremely long service life of the carbon brushes (up to 500 operating hours)
- Air cleaner replacement takes place from the outside with just one screw
- Reduce maintenance intervals The replacement or cleaning of the filter is possible directly on the construction site



Diesel engine

- Quick and easy to fill thanks to the easily accessible fuel cap
- Sturdy design
- Insensitive in jobsite works
- Easy to use thanks to the optional plate substructure – glides over concrete, no heavy lifting necessary



Gasoline engine

- Outfitted with time-tested and proven Honda engine
- Reliable, durable, lasting, sturdy
- Fuel cap attached to the top side, optimally accessible
- Easy to use thanks to the optional plate substructure – glides over concrete, no heavy lifting necessary

Possible combinations

Motors, internal vibrators and flexible shafts



	SM1-E	SM2-E	SM4-E
H25			
H25 S			
H25 HA			
		M1500	M2500

	SM 0-S	SM 1-S	SM 2-S	SM 3-S	SM 4-S	SM 5-S	SM 7-S	SM 9-S
H35								
H35 S								
H35 HA								
H45								
H45 S								
H45 HA								
H50 HA								
H55								
H65								
								M2500

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)

Technical specifications

Electric drives

	M1500	M2500
Engine / Motor	Double insulated universal motor	Double insulated universal motor
Voltage 1~ V	230	230
Current A	6.5	7.8
Frequency Hz	50–60	50–60
Power kW	1.5	1.8
Weight kg	5.3	5.9



	M1500	M2500
L x W x H mm	312 x 154 x 230	312 x 154 x 230
Power cable m	5	5

Combustion engine drives

	A5000/160	L5000/225
Engine / Motor	Air-cooled single-cylinder four-stroke Honda gasoline engine	Air-cooled, single-cylinder, four-cycle Kohler diesel engine
Power Engine kW	4	3.3
Fuel type	Regular grade gasoline	Diesel
Fuel consumption l/h	1	1
Tank capacity l	3.6	3
Weight kg	23.7	35.6
L x W x H mm	567 x 421 x 387	567 x 421 x 469

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

	H25	H35	H45	H55	H65
Diameter mm	25	35	45	57	65
Length mm	440	410	385	410	385
Weight kg	1.3	2.1	3.4	5.3	6.2



Vibrator heads: short

	H25S	H35S	H45S
Diameter mm	25	35	45
Length mm	295	310	305
Weight kg	0.8	1.6	2.8

Vibrator heads: square

	H25HA	H35HA	H45HA	H50HA
Diameter mm	26	36	45	50
Length mm	380	405	390	395
Weight kg	1.3	2.3	3.3	3.9

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.

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