



**WACKER  
NEUSON**  
*all it takes!*

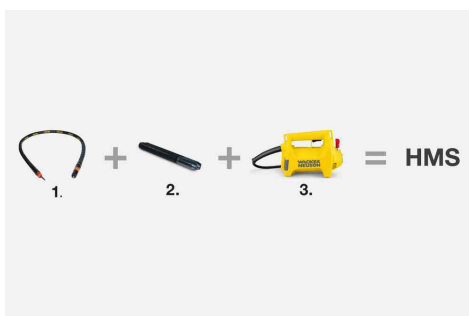
# HMS

## Basic Line Internal Concrete Vibrator

### The modular internal vibrator concept: HMS

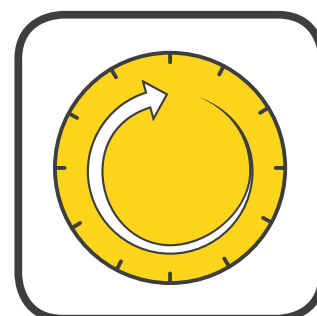
The HMS series offers impressive flexibility and cost-effectiveness: the internal concrete vibrators of this product series are individually configurable with different flexible shafts, vibrator heads and motors. All devices feature quick disconnect coupling for fast and easy use, as well as light, portable motors. The vibrator heads are induction hardened and therefore offer high wear resistance. This means the HMS series offers flexible adjustment options for every construction site's requirements.

#### Modular system



The modular structure allows the machine to be configured appropriately for every application. Only one drive unit is required in order to use internal concrete vibrators in different sizes. This allows saving costs on acquisition and maintenance.

#### Long service life of the carbon brushes



The carbon brushes have a very long durability of up to 500 operating hours. This makes the machine mostly maintenance-free in practice, as the useful life often falls below this number of hours.

Technical Information



|                 | Units | M1500                            | M2500                            |
|-----------------|-------|----------------------------------|----------------------------------|
| Engine / Motor  |       | Double insulated universal motor | Double insulated universal motor |
| Nominal voltage | V     | 230                              | 230                              |
| Nominal current | A     | 6.5                              | 7.8                              |
| Frequency       | Hz    | 50 - 60                          | 50-60                            |
| Power           | kW    | 1.5                              | 1.8                              |
| Idling speed    | 1/min | 14,000                           | 16,000                           |
| Weight          | kg    | 5.3                              | 5.9                              |
| L x W x H       | mm    | 312 x 154 x 230                  | 312 x 154 x230                   |
| Power cable     | m     | 5                                | 5                                |

Vibrator Heads - Standard



|                | Units | H25 | H35 | H45 | H55 | H65 |
|----------------|-------|-----|-----|-----|-----|-----|
| Diameter       | mm    | 25  | 35  | 45  | 55  | 65  |
| Overall length | mm    | 440 | 410 | 385 | 410 | 385 |
| Weight         | kg    | 1.3 | 2.1 | 3.4 | 5.4 | 6.2 |

Flexible Shafts



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



|        | Units | 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   |



|        | Units | 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  |