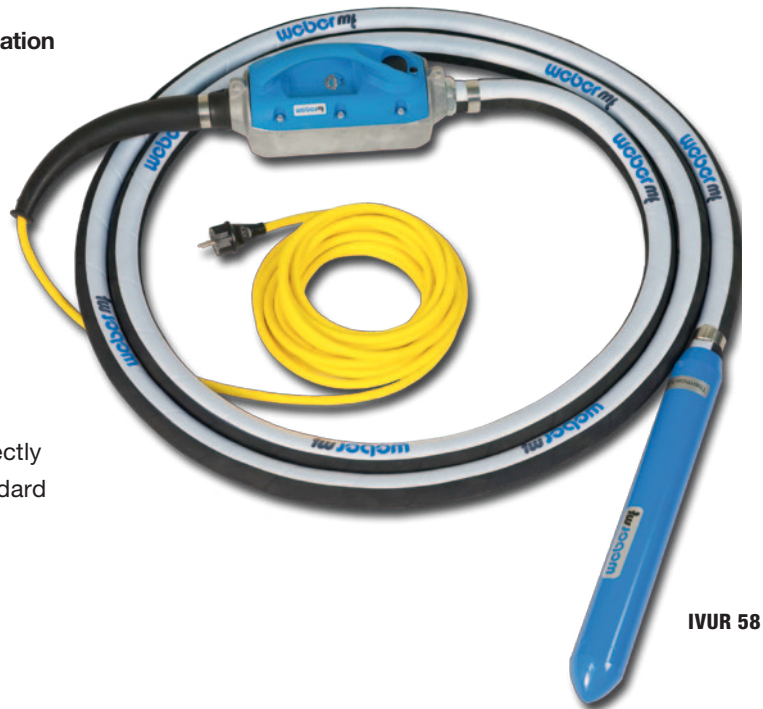


IVUR High-Frequency Internal Vibrators

IVUR – High Frequency Internal Vibrators are a combination of an internal vibrator and frequency converter and the ideal solution for professional concrete compaction.

The electronic converter is space-saving and integrated into the switch housing of the vibrator unit. The internal vibrator comes in three different sizes and performances: IVUR 40, IVUR 50 and IVUR 58. Eyelets on the converter housing enable attachment for a carrying strap.

IVUR concrete internal vibrators can be connected directly to an AC outlet with a corresponding upstream of standard RCD protection.



IVUR 58

Advantages of the IVUR high-frequency internal vibrators

- ▶ High safety standard: the electronics protect the operator and the internal vibrator against residual currents, short circuits, earth leakage faults and overheating (according to VDE and EN safety standards)
- ▶ Flexible converter electronics: the internal vibrator can be reliably operated by power generators, as the electronic system offers a wide input voltage range (stable up to a voltage of 450 volts)
- ▶ Powerful and consistent in RPM-speed: thanks to the high motor performance, the IVUR internal vibrators are powerful and provide consistent speed during compaction.

Details of the internal vibrator

- ▶ Rugged and durable design due to safely encapsulated and thus vibration-proof stator windings (winding class H, short-term heat-resistant up to 180° C).
- ▶ Thermo sensors reliably protect stator windings against “burning out”.
- ▶ Reduced wear due to hardened pokers
- ▶ Low maintenance and repair costs thanks to repairable pokers and available spare pokers

Details of the frequency converter

- ▶ Safe and long-lasting use of the internal vibrator due to vibration-proof, encapsulated electronics
- ▶ A carrying handle at the converter housing ensures easy transport of the internal vibrator
- ▶ The smooth start of the electronics prevents a collapse of the power supply or the main circuit breaker.
- ▶ Quick trouble shooting in case of failures thanks to light-emitting diodes of the electronic system. Defective units will soon be ready for use again.

Available accessories

Rubber heads, spare pokers, strap, longer protection hose , RCD adapter.

Specifications

Type		IVUR 40	IVUR 50	IVUR 58
Operating weight	kg	11.8	15.0	16.9
Effective diameter approx.*	mm	400	500	600
Vibrator diameter	mm	40	50	58
Vibrator length	mm	330	370	420
Frequency	Hz	200	200	200
Rated power	W	650	850	1.050
Voltage	V	230		
Frequency	Hz	50-60		
Input amperage, max.	A	4.6		
Rated power	kVA	1.6		
Accessories		5 m protection hose, 10 m cable		

* Approximate values, dependent on the material
We reserve the right to alter specifications



IVUR 40



IVUR 58