



## IRSE-FU

Premium Line Internal Vibrator



### Comfortable and flexible: the IRSE-FU series

Intelligent technology developed by Wacker Neuson: The integrated frequency converter of the high-frequency internal vibrator series IRSE-FU is simply convincing. It provides a much more independent operation without the necessity of an external converter. In addition the very practical guide handle of the IRSE-FU series also provides great user comfort.

- Integrated frequency converter
- Comfortable Low Vib guide handle
- Sealed electronics
- Reliable operation, even if the input voltages fluctuate and when used with generators
- All components 'Made in Germany'

### IRSE-FU in detail



#### Bodyguard

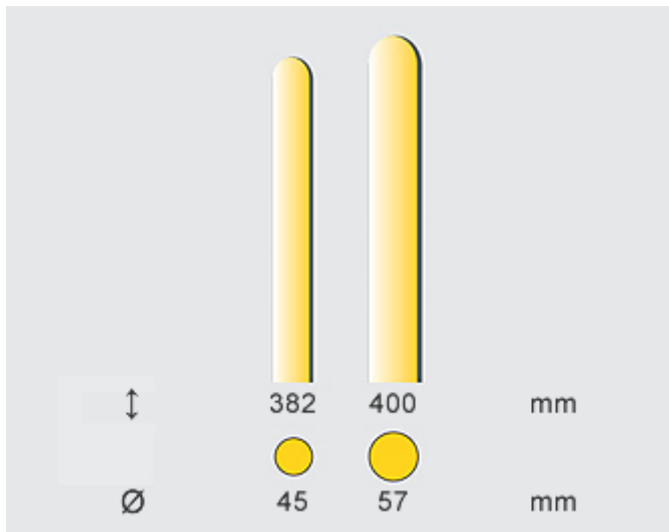
Safety First—the Bodyguard™ protection system offers additional safety to the operator. The Bodyguard™, which is attached at the end of a cable, controls all subsequent elements and switches the unit off within 3 milliseconds in the event of irregularities or danger of electric shock.

- The Bodyguard is adaptable, i.e. when exchanging the cable, the Bodyguard can be connected to the new cable and thus can continue to be used.
- Check functionality independently by using operating lights and test push buttons.



#### Integrated frequency converter

- Save equipment: no additional frequency converters are necessary to operate this internal vibrator
- Simply connect to a plug receptacle and get to work right away
- Constant performance and high level of efficiency: reliable operation with generators and even with fluctuating input voltages
- Work safely: no danger from current, thanks to the complete potted electronic components



#### Vibrator head sizes for all applications

- Outfitted for any application – 2 vibrator head sizes available
- Diameter 45, 58 mm



#### Vibrator head with cylindrical ball bearings

- Extremely durable – completely tempered vibrator head
- Less wear, especially with abrasive concrete aggregates
- Plug effectively dispels shocks on the housing
- Ideal for continuous use under construction site conditions



#### Practical guide handle

- Ergonomic, low vibration handle for comfortable working when compacting large areas, such as floors and slabs



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



#### **Protection hose**

- Made of sturdy, very abrasion resistant material



#### **Power cable**

- You can't get any more freedom of movement: Power cable with 15 meters in length



## Technical specifications

	IRSE-FU45	IRSE-FU58
Diameter of the vibrator head mm	45	58
Length of the vibrator head mm	382	400
Weight of the vibrator head kg	3.5	5.8
Operating weight kg	15	17
Effective diameter * cm	60	85
Vibrations rpm	12,000	12,000
Engine / Motor	High-frequency squirrel-cage induction motor with integrated electronic frequency converter in the switch box	High-frequency squirrel-cage induction motor with integrated electronic frequency converter in the switch box
Voltage 1~ V	220–240	220–240
Current A	4.8	6
Frequency Hz	50–60	50–60
Hose (Protective hose) m	0.3 / 0.8	0.3 / 0.8
Power cable m	15	15
Feed cable m	0.5	0.5

\* This is a non binding indication, based on practical experience of our customers under certain operating conditions. For special conditions this value may vary. We recommend that you first perform a test under operating conditions.

### 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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