



IRFU

High Frequency Internal Vibrators with integrated converter



Quite simply extremely flexible: The IRFU series:

The high-frequency internal vibrators of the IRFU series are characterized above all by one feature: They simply connect to the 1-phase power supply and are ready for operation. Quick, simple, flexible. Ideal for independent operation.

- Integrated frequency converter
- Reliable operation, even if the input voltages fluctuate and when used with generators
- Non-wearing converter due to sealed electronics
- Made in Germany
- Available in different hose lengths and voltages

IRFU in detail:



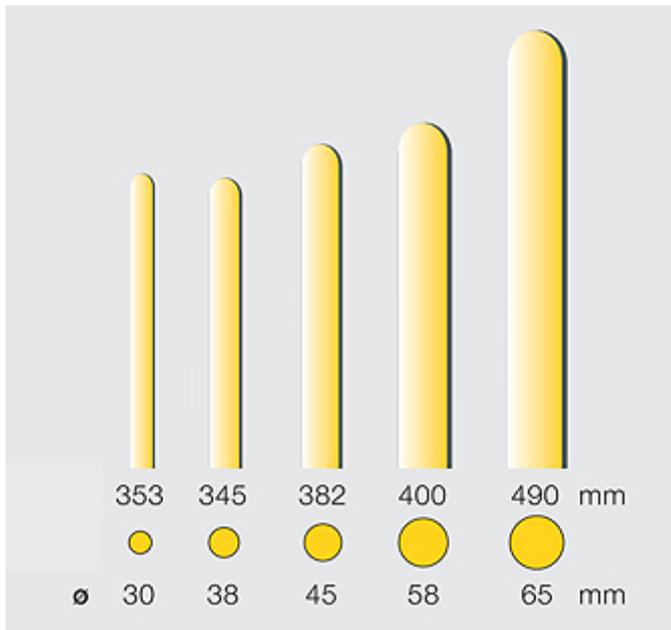
Bodyguard

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



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 – 5 vibrator head sizes available
- Diameter 30, 38, 45, 57, 65 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



Protection hose

- Made of sturdy, very abrasion resistant material
- Various protection hose lengths available up to max. 18 meters



Power cable

- You can't get any more freedom of movement: Power cable with 15 meters in length
- Simply shorten and adapt to your own needs

Technical specifications

	IRFU30	IRFU38	IRFU45
Diameter of the vibrator head mm	30	38	45
Length of the vibrator head mm	353	353	382
Weight of the vibrator head kg	1.4	2.2	3.5
Operating weight kg	11.5	13.6	16
Effective diameter * cm	40	50	60
Vibrations rpm	12,000	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	High-frequency squirrel-cage induction motor with integrated electronic frequency converter in the switch box
Voltage 1~ V	220–240	220–240	220–240
Current A	2.2	3.5	4.8
Frequency Hz	50–60	50–60	50–60
Protective hose max. m	18	18	18
Power cable m	15	15	15
Feed cable m	0.5	0.5	0.5



	IRFU57	IRFU65
Diameter of the vibrator head mm	57	65
Length of the vibrator head mm	400	490
Weight of the vibrator head kg	5.8	9.2
Operating weight kg	19.8	25.5
Effective diameter * cm	85	100
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	6	10
Frequency Hz	50–60	50–60
Protective hose max. m	18	18
Power cable m	15	15
Feed cable m	0.5	0.5

*This is non-binding information, based on the practical experience of our clients under certain operating conditions. Please note that under specific operating conditions these findings may vary. We recommend that you always begin by carrying out a test pour 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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