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Search

- [Locations](#)
- [New Products](#)
- [Manuals](#)
- [Spare Parts](#)
- [Machines](#)
- [FAQs](#)
- [Current Promotions](#)
- [Request a Product Demo](#)

Home > Product Guide - Machines > View All Models > **IRFUN 38**

IRFUN 38
Ø 38 mm Internal Vibrator with Inverter
 Item Number **0008495**

Higher performance and lots of safety

Nothing upsets these internal vibrators with integrated inverters because the motor speed remains constant no matter what the properties of the freshly mixed concrete. The result: a job uniformly well done. In addition they prove their worth thanks to their maximum compaction diameter and topmost compaction performance. And all this with safety. Because arising electrical currents which could endanger the operator are switched off so quickly (< 2 ms) by the IRFUN that nothing will happen. And they are obviously also short circuit proof.



- [Technical Data](#)
- [Manuals](#)
- [Spare Parts for this Model](#)
- [Features and Benefits](#)
- [Standard Package](#)
- [Printer Friendly Version](#)
- [Request a Demonstration](#)

Technical Data – IRFUN 38

| Description | Metric | Imperial |
|---|--|------------|
| Vibrator head Ø | 38 mm | 1.5 in |
| Vibrator head length | 345 mm | 13.6 in |
| Vibrator head weight | 2,2 kg | 4.9 lb |
| Protection hose | 5,5 m | 18.0 ft |
| Operating weight | 13,0 kg | 28.7 lb |
| Effective compaction Ø (depending on consistency) | 50 cm | 19.7 in |
| Vibration frequency | 12.000 1/min | 12,000 rpm |
| Engine Type | 3-phase high frequency squirrel cage induction motor with electronic frequency converter integrated into switch housing for direct mains supply using 110 - 130 V 50/60 Hz 1 ~ | |
| Power draw | 0,55 kW | 0.74 hp |
| Input current | 6,0 A | 6.0 A |
| Vibrator head Voltage | 214 3 ~ V | 214 3 ~ V |
| Vibrator head Frequency | 200 Hz | 200 Hz |
| Supply cable | 15,0 m | 49.2 ft |
| Power Train | directly from the built-in electric motor to the vibration system | |

Specifications may change due to continuous product development.
* Actual power output may vary due to conditions of specific use.


[Top](#) | [Technical Data](#) | [Features and Benefits](#) | [Manuals](#) | [Standard Package](#)

Features and Benefits – IRFUN 38

- Flexible for all types of applications: Connection to a singlephase electric network without the need for an additional external converter.
- Maintenance-free, long-life motor: The windings are protected against excess temperatures (up to 180 °C) thanks to the class H material used as well as thermal switches for all phases. On top of that the windings are vibration-proof as they have been potted with a special resin and because they are protected by an automatic current controller against 2-phase running.
- Absolutely wear-free in the area of the inverter as there are no moving parts and because the electronics have been potted in a special resin, thus ensuring an optimum protection against moisture (IP 68) and mechanical loads.
- High equipment safety: Both vibrator housing and frequency inverter are absolutely water-proof as well as protected against surges or low voltages. And excess temperatures will not damage the IRFUN, thus making it the appropriate tool for applications under even the most extreme conditions.
- More than 10 years experience with the IRFUN technology: Tested, well-proven technology as well as a perfected type with patents on a world-wide basis and with all the advantages of the IREN series.

[Top](#) | [Technical Data](#) | [Features and Benefits](#) | [Manuals](#) | [Standard Package](#)

Manuals – IRFUN 38

 [Operator's Manual](#) File Size: 0.52 MB

 [Parts Manual](#)

[Top](#) | [Technical Data](#) | [Features and Benefits](#) | [Manuals](#) | [Standard Package](#)

Standard Package – IRFUN 38

- incl. protection hose, switch housing with integrated electronic frequency converter, supply cable, plug, instruction book and ECConformity Certificate

[Top](#) | [Technical Data](#) | [Features and Benefits](#) | [Manuals](#) | [Standard Package](#)

 [Top](#)

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