

# IREN

## Premium Line Internal Vibrator



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



### The IREN series: High-frequency internal vibrators for first-class compaction results in concrete

Productivity and long service life: these are the outstanding characteristics of the Wacker Neuson IREN range. Even under tough application conditions, these high-frequency internal vibrators will convince with an all-round consistently high compaction performance.

- High-performance electric motor with stable speeds
- The electric motor has been developed by us according to the highest quality standards: Made in Germany
- Integrated thermal overload protection breaker
- The induction-hardened vibrator head ensures high wear resistance
- No special tools are required for changing the vibrator head

### IREN Technical specifications

	<b>IREN30</b>	<b>IREN38*</b>	<b>IREN45*</b>
Diameter of the vibrator head mm	30	38	45
Length of the vibrator head mm	353	345	382
Weight of the vibrator head kg	1.4	2.2	3.5
Operating weight (protective hose 5 m) kg	8.7	10.6	11.8
Operating weight (protective hose 18 m) kg	13	24.2	25.2
Effective diameter *** cm	40	50	60
Vibrations rpm	12,000	12,000	12,000
Engine / Motor ****	High-frequency squirrel-cage induction motor	High-frequency squirrel-cage induction motor	High-frequency squirrel-cage induction motor
Voltage V	42	42	42
Current A	3.5	7	10
Frequency Hz	200	200	200
Protective hose max. ** m	18	18	18
Power cable m	15	15	15

	<b>IREN58*</b>	<b>IREN65</b>
Diameter of the vibrator head mm	58	65
Length of the vibrator head mm	400	490
Weight of the vibrator head kg	5.8	9.2
Operating weight (protective hose 5 m) kg	16.2	22.5
Operating weight (protective hose 18 m) kg	34.1	34.3
Effective diameter *** cm	85	100
Vibrations rpm	12,000	12,000
Engine / Motor ****	High-frequency squirrel-cage induction motor	
Voltage *** V	42	42
Current A	17.3	25
Frequency Hz	200	200
Protective hose max. ** m	18	18
Power cable m	15	15

\* 250 V version also available. \*\* Other hose lengths available. \*\*\* 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. \*\*\*\* Ideally suited for use with a Wacker Neuson frequency and voltage converter.

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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