

High Frequency Internal Vibrators

IREN 30 IREN 38
IREN 45 IREN 57k
IREN 57 IREN 65

Full performance even under load

» Thanks to their high-torque, constant-speed motors, machines of the IREN series deliver outstanding compaction performance in all types of concrete and with any size vibrator head - from the smallest to the largest. Although a long protective hose gives them added flexibility to cope with a wide variety of applications, these powerful and reliable high-frequency internal vibrators are most impressive when working under a load.«

WACKER

- ▣ Reliable
- ▣ Trustworthy
- ▣ Accessible
- ▣ Responsive



Additional Advantages:

- + Long-life design: The vibration-proof class H stator windings are wrapped and embedded in synthetic material. They will withstand a short-term load of up to 180 °C (356 °F). The heavy-duty roller bearings are oil-bath lubricated for high performance.
- + Overload protection: The thermal circuit breakers prevent the motor from being damaged due to overheating.
- + Easiest maintenance: The vibrator head can be replaced without the need for special tools.
- + Specialists: The IREN 30 is the smallest internal vibrator in the IREN series. This model has a small-diameter vibratory head that makes it ideal for compacting concrete in narrow, confined spaces. And despite its lightweight design, it delivers outstanding compaction results.
- + Extremely robust: Specially-hardened steel makes the vibrator head housing of the IREN 57 unusually durable and resistant to damage.



Technical Data		IREN 30	IREN 38	IREN 45	IREN 57k	IREN 57	IREN 65
Vibrator head Ø	mm	30	38	45	58	58	65
Vibrator head length (L)	mm	353	345	382	330	400	490
Shipping size (l x d x h)	mm	600 x 200 x 450	600 x 200 x 450	760 x 200 x 650	760 x 200 x 650	760 x 200 x 650	760 x 200 x 650
Protective hose	m	5	5	5	4	5	5
Vibrator head weight	kg	1,4	2,2	3,5	4,8	5,8	9,2
Operating weight	kg	11,3	10,5	11,8	15,6	16,2	22,5
Shipping weight (including packaging)	kg	12,2	12,5	14,5	17,8	18,5	25,0
Effective compaction diameter (depending on concrete consistency)	cm	40	50	60	65	85	120
Vibrations	1/min	12.000	12.000	12.000	12.000	12.000	12.000
Drive motor	high frequency squirrel-cage induction motor for connection to WACKER frequency and voltage converters						
Power	kW	0,20	0,41	0,58	0,76	1,05	1,70
Voltage	V	42 / 115 / 250	42 / 115 / 250	42 / 115 / 250	42 / 115 / 250	42 / 115 / 250	42 / 115 / 250
Frequency	Hz	200	200	200	200	200	200
Input current	A	3,5 / 1,3 / 0,6	7,0 / 3,1 / 1,4	10,0 / 4,0 / 1,85	13,0 / 4,8 / 2,2	17,3 / 6,5 / 3,0	25,0 / 9,5 / 4,2
Power cable	m	15	15	15	15	15	15
Power transmission	directly from the built-in electric motor to the vibration system						

Standard Package

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 IREN 30
 IREN 38
 IREN 45
 IREN 57k
 IREN 57
 IREN 65

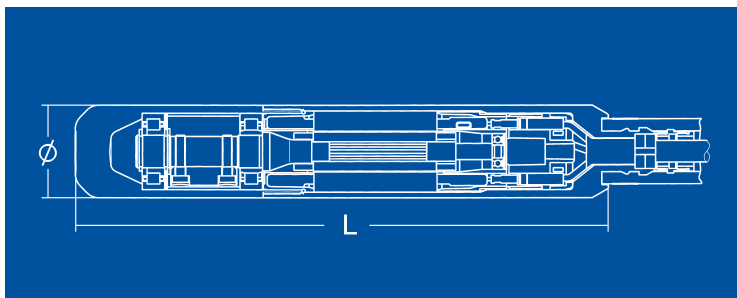
includes protective hose, switch, power cable, plug, operator's manual and parts book

Model Guide

I = Internal
 R = Vibrator
 E = Electrical

57 = Vibrator head Ø (mm)
 k = Short

Accessories: Please contact us for suitable accessories.



Specifications may change due to continuous product development.

Whenever it gets tight, the IREN 30 is in its element.