



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

# High Frequency Internal Concrete Vibrators



## First-class performance on the toughest job sites

The IRFU high-frequency internal concrete vibrator series are easy to use. They simply connect to the single-phase power supply and are ready to use. They offer reliable operation even when used with fluctuating generator input voltages. The Wacker Neuson IRFU high-performance internal concrete vibrator is designed for long life and professional concrete consolidation results. The integrated personal protection switch (Bodyguard™) offers a high standard of safety.

The Wacker Neuson IREN series is designed for outstanding productivity and long service life. Even under tough conditions, these high frequency internal vibrators impress with an all-round consistently high compaction performance. The IREN is available in many different versions.

### Completely tempered vibrator head

The vibrator head is fully tempered. This makes the head particularly sturdy and prevents quick wear.



### Wide variety of versions

The large selection of different vibrator head sizes and protection hose lengths can be chosen to fit the best equipment for the application.



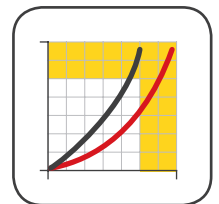
### Vibrator head with cylindrical roller bearing

The heavy-duty cylindrical roller bearing is durable, especially when used under tough job site conditions.



### Thermal overload protection breaker

The IR series is equipped with a thermal protection switch. If the internal vibrator runs too long outside the concrete, it automatically switches off to prevent the motor from overheating. This increases the service life of the machine.



### Made in Germany

High quality standard, high performance and long service life are guaranteed, as the machine is developed and produced in Germany.

The construction equipment warranty terms and policy (Terms) covers all Wacker Neuson products sold by and in the Wacker Neuson Pty Ltd region of Australia and New Zealand. Product Registration is required to activate extended warranty period on eligible machines. Machines not registered within 30 days of purchase will have the Statutory 1 Year/1,000 hours warranty period.

IREN Technical Information

	Units	IREN38/042/5	IREN45/042/5	IREN57/042/5
Electrical - Output Details				
Nominal current	A	7	10	17.3
Nominal voltage	V	42	42	42
Nominal frequency	Hz	200	200	200
Nominal power (P)	KW	0.41	0.58	1.05
Phase	n/h	3 ~	3 ~	3 ~
Mechanical Details				
Head diameter / diagonal	mm	38	45	58
Length hose	m	5	5	5
Weight	kg	10.5	11.8	16.2
Rubber cap		No	No	No
Mechanical Details				
Motor type		Asynchronous motor	Asynchronous motor	Asynchronous motor
Cable length		15	15	15

IRFU Technical Information

	Units	IRFU38/230/5	IRFU38/230/10	IRFU45/230/5	IRFU45/230/10	IRFU58/230/5	IRFU58/230/10	IRFU58/230/15
Electrical - Output Details								
Nominal current	A	3.5	3.5	4.8	4.8	6	6	6
Nominal voltage	V	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240
Nominal frequency	Hz	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60	50 - 60
Nominal power (P)	KW	0.65	0.65	0.88	0.88	1.1	1.1	1.1
Phase	n/h	1 ~	1 ~	1 ~	1 ~	1 ~	1 ~	1 ~
Mechanical Details								
Head diameter / diagonal	mm	38	38	45	45	58	58	58
Length hose	m	5	10	5	10	5	10	15
Weight	kg	14.6	19.7	17	21	20.8	26.3	34.6
Rubber cap		No	No	No	No	No	No	No
Mechanical Details								
Motor type		Asynchronous motor	Asynchronous motor	Asynchronous motor	Asynchronous motor	Asynchronous motor	Asynchronous motor	Asynchronous motor
Cable length		15	15	15	15	15	15	15