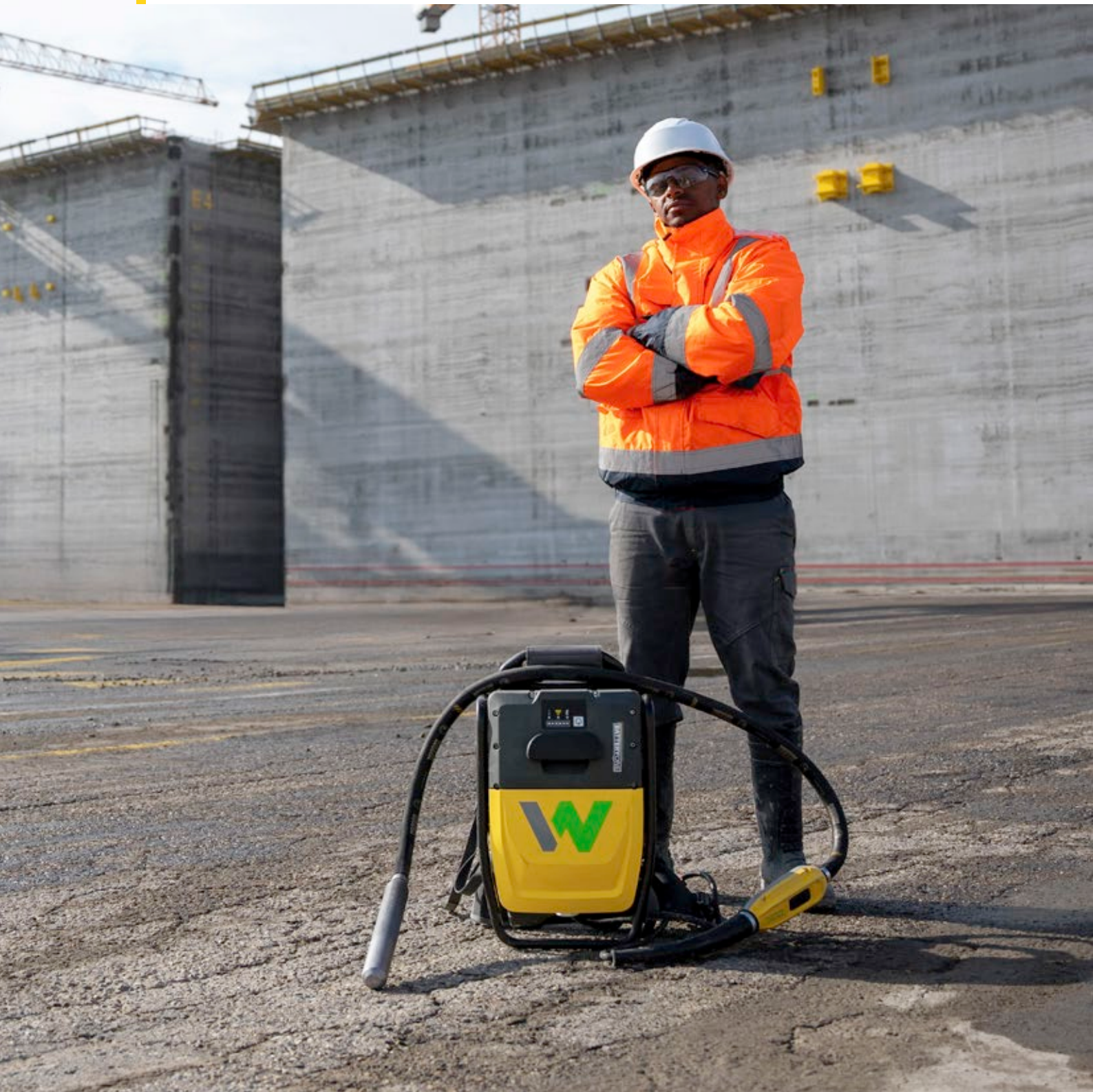




**WACKER
NEUSON**
all it takes!

Concrete technology



TOUGH CHALLENGES. SMART SOLUTIONS.

Invest in the future.

Set your sights on high-quality construction machines and equipment with Wacker Neuson, on which you can rely for decades - with a consistently high resale value. With over 175 years' history, we are building on a strong foundation and proud of innovations, which have revolutionized the entire industry. Innovation is in our DNA - benefit from this and prepare for the future.



Wacker Neuson – All it takes!
Experience more:
wackerneuson.com

Rely on a partnership, very close to you.

Our global network of sales and service stations makes Wacker Neuson a partner with whom you can collaborate on equal footing on-site. We are here to listen to you, to understand you, and to solve your problems together with you. Set your sights on having a strong partner at your side, who will help you to position yourself ahead of the competition.

Bring even more efficiency to your construction site.

Wacker Neuson ensures maximization in productivity and minimization in costs - with high-quality products, reliable solutions and support, which guaranteeing smooth construction site operation.

Contents.

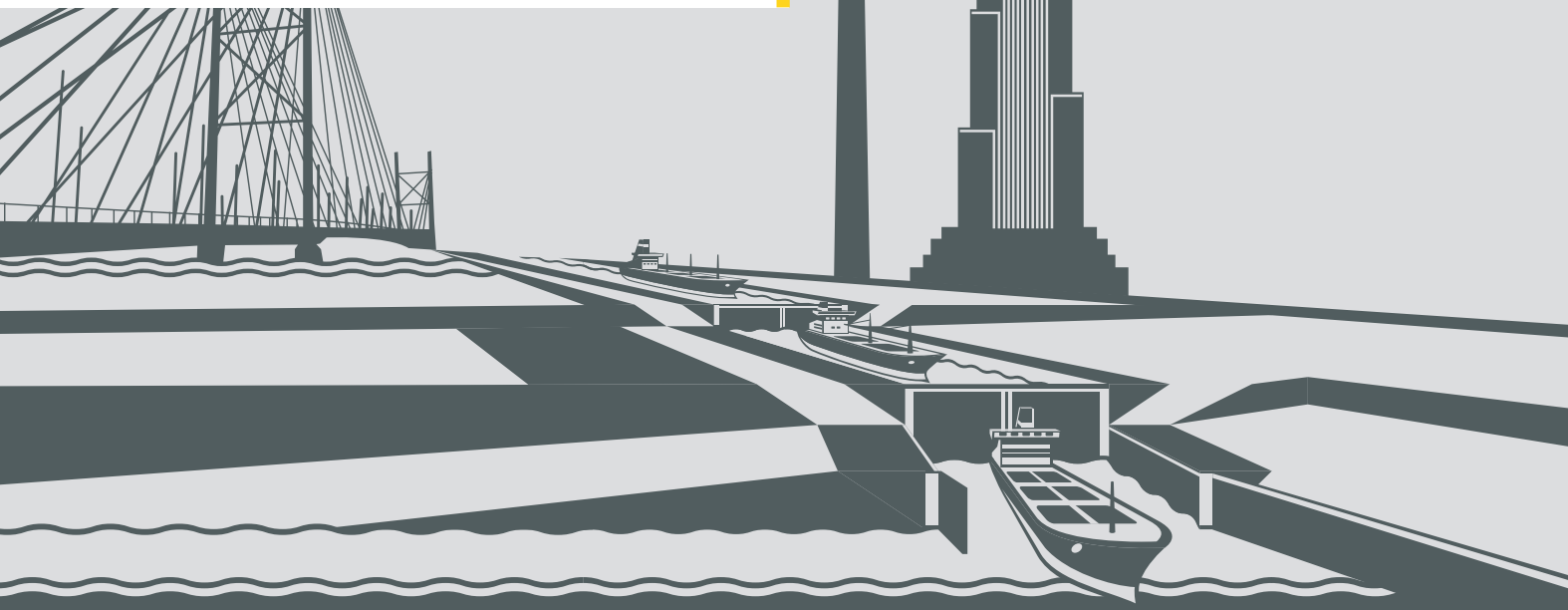
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The world of construction relies on the expertise of Wacker Neuson.

You would be surprised if you knew how many concrete construction sites around the world had the expertise of Wacker Neuson behind them - among them are also many showcase projects worldwide, which have attracted attention, like the 36-kilometer long Hong Kong Zhuhai bridge, the extension of the Panama Canal or the Burj Khalifa in Dubai.

Are you planning a big project? We are happy to assist you in all phases of your projects – whether in bridge construction, building construction or special construction, in tunnel or lock construction – and no matter whether as a supplier or a builder.

CONCRETE SOLUTIONS



You can find more information about the concrete specialists of Wacker Neuson at:
www.wackerneuson.com/concretesolutions

The concrete specialists: Cooperative. Advisory. Professional.



Precast concrete elements.

In the precast concrete division, flexibility, individual and economic solutions are important. We provide you with comprehensive support in equipment planning and develop vibration and control solutions that are tailored to your processes.

Our services for precast concrete parts factories:

- Consultation and planning of vibration and control systems
- Creation of economical concepts and process optimizations
- Support during commissioning
- Country and application-specific product versions



In-situ concrete casting construction sites.

Large projects present great demands in terms of planning, implementation, and the quality of the concrete consolidation. With many years of experience from many international concrete projects, you have the concrete specialists of the world available to you.

Our services for large construction sites:

- Project-related compaction solutions using construction site execution planning
- Accompanying concreting in-situ
- Special vibration solutions for in-situ concrete



CONCRETEC

ConcreTec - Concrete consolidation has never been this easy

With ConcreTec, you can simply and transparently compact concrete finished parts in a reproducible quality.

ConcreTec is a data-based assistance system for concrete consolidation. The plant operators receive objective information in real-time during the compaction procedure and the consolidation progression. The underlying consolidation model not only considers the geometry of the concrete component, but also the properties of the fresh concrete. In addition, information about the current process variables, such as vibration strength and frequency, is incorporated into the model during the consolidation process.

Portable internal vibrator system.

The ACBe (battery converter backpack) is a portable high-frequency internal vibrator system with battery drive. As a result, concrete consolidation is made safer, more comfortable, and more environmentally-friendly for the operator:

Comfort

- Lighter, more ergonomic battery backpack with compact dimensions
- Starts with the push of a button
- No emissions when compared with the comparable gasoline engine backpack

Versatility

- BatteryOne battery can be used for all zero emission construction equipment
- Protective hose lengths of 1.5 m, 3 m, and 5 m available
- Selection of three head diameters: 38 mm, 45 mm, and 58 mm

Performance

- High-performance electric motor with stable speeds
- Outstanding consolidation results thanks to high-frequency operation with stable rpm
- Quiet in operation
- Independence from external power sources



Quality

- Ergonomic Deuter carrier system
- Sturdy, maintenance-free electric motor
- Made in Germany – high quality standard, high performance and service life
- The front third of the vibrator head is tempered

Efficiency

- Safe working, as no trip-hazards are caused and no cables lie in the wet concrete
- Freedom of movement
- No need to use converters or to lay cables



Loading and transporting with a system:
the battery and battery charger are safely stowed in practical Systainer boxes.



Versatile
Battery One is a manufacturer-independent battery system with batteries that can also be used in the battery converter backpack ACBe.



One for all:
just change it and use it in a variety of construction equipment.



More safety on the construction site:
no long power cables landing in wet concrete or becoming a trip-hazard.



Maximum freedom of movement:
with the ACBe, you have everything you need for concrete consolidation.

Internal vibrators for any requirement: the Basic and Advanced line.

Powerful internal vibrators are indispensable in consolidation. The Wacker Neuson equipment provide the best work results here: with motors specially developed for application in fresh concrete, the durable and sturdy equipment compact extremely reliably and offer a high level of safety during any step of the work.

Basic line: for simple working comfort

Efficiency that will surprise you: The modular HMS series can be individually configured to meet your needs exactly.

- High-performance electric motor with stable speeds
- Very good operating weight
- The long service life of the carbon brushes is up to 500 operating hours

- 1. Flexible shaft:** Steel mesh ensures a high kink resistance.
- 2. Vibrator head:** Good consolidation performance with high wear resistance and long service life thanks to the induction-hardened vibrator head.
- 3. Drive motor:** Optionally with a gasoline engine or electric motor in different power classes, with easy-to-operate quick disconnect coupling and efficient air filter.



Advanced line: for all standard applications

Thought-out equipment concept in a robust design: the model lines IE and IEC by Wacker Neuson offer reliable concrete consolidation performance.

- Two model series available: IEC with converter, IE without converter
- High-frequency technology for good results in concrete compaction
- Sturdy quality with a good cost/benefit ratio
- Choose from three head sizes and hose lengths



High level of operating comfort: The drive unit achieves high output at a low weight.



Economical solution: with a modular system for optimally compacted concrete with the Basic line HMS.



Durable and low-wear vibrator heads, additionally tempered in the bottom third

Vibrator head length (mm)	345	382	400
Vibrator head diameter (mm)	38	45	58
Protective hose length	IE and IEC: max. 10 m		

Three head sizes available in the Advanced line.

The Premium lines.

Even under tough conditions, these high-frequency internal vibrators of the Premium lines will convince you with an all-round consistently high consolidation performance. Due to the workmanship of the high-quality and sturdy components, these internal vibrators are particularly durable.

Internal vibrator IRFU and IRSE-FU

- Integrated frequency converter enable independent application
- Trouble-free service, even with generators and fluctuating input voltages
- Potted electronic components make the converter wear-free
- Integrated thermal overload protection breaker
- Fully tempered vibrator head
- Ergonomic, low-vibration handle
- Versions available with extremely durable, cured-on rubber cap, ideal for protecting the formwork



Internal vibrators IREN and IRSEN

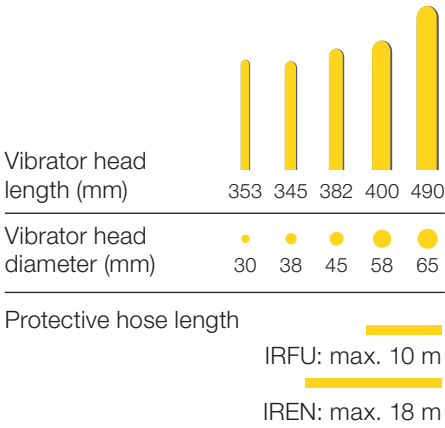
- Ergonomic, low-vibration handle (IRSEN)
- Integrated thermal overload protection breaker
- Fully tempered vibrator head
- Very powerful, high-frequency internal vibrator available in a variety of model sizes
- High-performance electric motor with stable speeds
- Versions with utmost durable, cured-on rubber cap available



RFU, IRSE-FU with Bodyguard®

The Bodyguard continually monitors the flow of current. As a result, it offers safer operation even at voltages above the protective low voltage range.

- For a simple connection to any power source
- Optimal operator protection: Interrupts the power supply if necessary within 3 msec
- Particularly comfortable: The Bodyguard® can continue to be used when replacing the cable



Up to five vibrator head sizes available.

External vibrators.

Whether for in-situ formwork or for light to heavy concrete component formwork, whether for use in precast factories, material transport or further industrial applications: Wacker Neuson offers over 40 powerful external vibrators with various speed and voltage versions.

Comfort

- Various fastening clamps for the optimal attachment to the formwork
- Small, compact and light

Performance

- Asynchronous motor with stable speed
- Different voltage and rpm variants
- Adjustable eccentric weight discs



Efficiency

- Finely tiered product range: All external vibrators are available in many voltages/frequencies

Quality

- Development and production Made in Germany

Safety

- Vibration-proof and sturdy design

Maintenance

- Maintenance-free



Versatility

- Due to its low weight, the AR26 is particularly suitable for application on in-situ casting construction sites
- The AR34 and AR43 are ideally suited for light and medium-weight formwork in precast factories
- The AR54 and AR63 are ideal for application in concrete and precast factories
- The AR75 is the right choice for heavy precast formwork and material transport



Flexible for in-situ concrete applications. There is a large selection of fastening clamps available from Wacker Neuson for the AR26. These can be attached to all common formwork.



The practical aid: the exposed concrete kit. With the exposed concrete kit, you are perfectly equipped for the compaction of high-quality exposed concrete surfaces. The sturdy wooden box on a steel plate contains a frequency converter, external vibrators and fastening clamps.

Battery-powered trowels AT24e and AT36e.



The powerful battery-powered AT24e and AT36e trowels facilitate efficient and environment-friendly concrete processing. Completely without any emission or noise, they protect the operator and environment, meanwhile offering an ideal result on all concrete surfaces.

	Unit	AT24e	AT36e
Operating weight	kg	64	90
Dimensions	mm	1,471 x 709 x 992	2,048 x 940 x 938
Screed diameter	mm	600	900
Battery runtime BOB14	min	60	40
Motor type	-	Electric motor	Electric motor
HAV	m/s²	4.4	5.7

Efficiency

- Long work intervals with only one battery charge
- Battery One battery system: standardized and user-friendly, can be used on all zero emission construction equipment
- Battery can be changed easily and tool-free

Safety

- Dead man's switch for increased work safety



AT36e

0 EMISSIONS.
100% ADVANTAGE.

Comfort

- Quiet in operation, protecting the operator
- The operator is not exposed to direct exhaust emissions

Maintenance

- Maintenance-free electric motor saves time and maintenance costs



Fold-down center pole for space-saving and easy transport.

The PEV series.

The pneumatic external vibrators of the PEV series are the first choice for long-term applications or a lack of a power connection. They are particularly durable and low-maintenance thanks to their simple and sturdy design.

External vibrator PEV series

- Five models with different vibration frequencies and centrifugal forces for lightweight (like beam formwork and formwork carriages) to heavy formwork
- As standard includes quick-fastening clamps
- Sturdy design
- Finely tiered product range



Tailor-made vibratory tables.

Vibratory tables offer flexible application options in industrial concrete processing, whether for small series, special parts or relief of series production. Wacker Neuson produces all vibratory tables according to precise customer requirements - in size, standard equipment and function.

Laboratory vibrating table

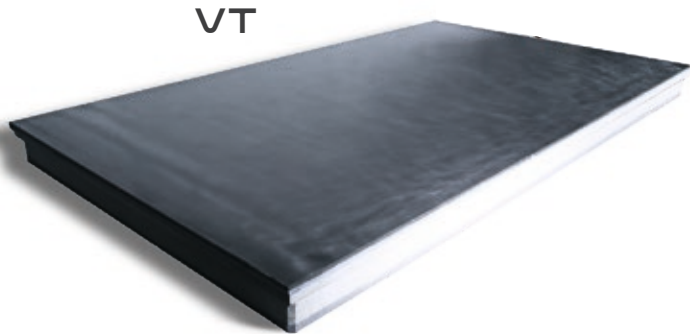
- Fixed or variable vibration frequency
- Superb compaction performance
- Completely pre-assembled, and thanks to Plug & Play, ready for use

Vibratory trestle

- Versatile application options in production
- High economic efficiency thanks to simple construction
- Sturdy and reliable

VT low-noise vibratory table

- Negligible noise emission
- High quality of exposed concrete surface thanks to uniform compression
- Permanent dimensional stability due to full-surface bearing



Stationary frequency converters.

The stationary converters are particularly suitable for precast concrete elements factories. They can be integrated into a complete switching system here and offer tailor-made adjustment options.



Stationary frequency converter

- Industry-suitable due to the processing of high-quality components
- Long service life
- Operationally reliable: "Inner workings" are ideally protected from environmental conditions, such as high humidity, due to industry-suitable steel plate housing
- Radio control and PLC control can be integrated
- Project-tailored adjustment possible for all devices

(Standard) power levels	17A, 23A, 31A, 43A, 57A, 71A*	
Housing dimensions 1 (17 – 43A)	mm (LxW xH)	800 x 1,200 x 400*
Housing dimensions 2 (57 + 71A)	mm (LxW xH)	800 x 1,600 x 500*

* Other sizes and power classes are available on customer request.

Electronic frequency converters.

The frequency converters of the FUE series are distinguished by their light and compact design. Thanks to the aluminum design, they are easy to handle. They give their best performance even in continuous operation.



Frequency converter FUE series

- High-quality electronics
- Active cooling system
- Intelligent load and voltage management
- Completely maintenance-free

Number of connectible internal and external vibrators to frequency converter

	Rated current A	FUE M/S 75A	FUE M/S 85A
Rated current A		75	85
Number of plug receptacles (32 A)		4/6	4
IREN30, IE38	3.5/5	4/6	4
IREN38, IE45	7.5/8	4/6	4
IREN45, IE58	10/12.2	4/6	4
IREN58	17.3	4/4	4
IREN65	25	2/3	0
AR26/6/042	9	4/6	4

High-frequency converters.

The FUH series provides innovative frequency converters with high-frequency technology. This enables particularly compact dimensions and an extremely light weight when compared with electronic converters. A reliable and stable power and voltage supply, even when in continuous use, characterize this device. The FUH series is available in three performance classes and with up to six outlets.

Frequency converter FUH20

- Extremely lightweight, which makes it easily portable
- The large operating light allows for a quick function check at any time
- Efficient cooling fins design
- Completely maintenance-free
- Fits all internal vibrators up to a 58 mm vibrator head diameter
- Sturdy stand



Transport conveniently thanks to the practical handle in combination with just 8.9 kg of weight.



Integrated handles at the front and rear, as well as a central lifting eye, make it easy to transport.

FUH35



FUH70



Frequency converters FUH35 and FUH70

- Compact dimensions, low weight
- Stable handles and a lifting eye with practical cable-coiling aid make transportation easy
- The sturdy housing made of plastic is insensitive to damage
- The overload protection protects the connected unit from excessively high input current
- Very good heat dissipation: The efficient cooling concept guarantees a sturdy, reliable performance, even during continuous operation
- The FUH70 is also available with adjustable frequency

Technical data

	Unit	FUH20/1/042	FUH35/2/042	FUH70/4/042*	FUH70/6/042**
Weight	kg	8.9	15.4	24.4	27.1
Output current	A	20	35	58	58
Number of outlets	Units	1	2	4	6

* also available with frequency adjustment ** only available with frequency adjustment

Number of connectible internal and external vibrators to frequency converter

	Rated current A	FUH20	FUH35	FUH70
Rated current A		20	35	58
Number of plug receptacles (32A)		1	2	4/6
IREN30, IE38	3.5/5	1	2	4/6
IREN38, IE45	7.5/8	1	2	4/6
IREN45, IE58	10/12.2	1	2	4/6
IREN58	17.3	1	2	4/4
IREN65	25	0	1	2/2
AR26/6/042	9	1	2	4/6

Wet screed P35.

Spread, strike off, consolidate: when processing concrete floors, our engine-driven vibratory wet screed takes care of three work steps in one. In the process, it is not only extremely practical, but also very easy to operate. Due to the lift handles, it can easily be moved on the concrete and, thanks to the adjustable centrifugal force, it delivers first-class results on all types of concrete.

Comfort

- Adjustable handle
- Vibration-dampening system
- Integrated tilt stand

Performance

- Enclosed eccentric housing to protect against dirt, concrete, and splash water
- Adjustable centrifugal force

Efficiency

- Collapsible frame
- Quick change of strike-off beam



Rebar tier DF16.

The rebar tier by Wacker Neuson puts an end to tying reinforcing steel with pliers in a bent position. This is perfect for traditional work for the reinforcement and for effortless securing of plastic pipes – all in a healthy, upright position. The device works completely mechanically, this means: no battery charging times or expensive replacement batteries. The practical holster very easily attaches to your waistband.

Comfort

- Long handle minimizes health risk due to the anatomically correct, upright position
- Twist with straight movement
- Lightweight and can be operated with just one hand

Efficiency

- Robust mechanical machine concept
- Uniformly drilled, fixed knots
- For horizontal (ceilings, floor plates) as well as vertical application (walls, columns)

Performance

- Magazine with 77 single ties
- Up to 1,000 knots per hour



Technical data.

Internal vibrator system

	Unit	ACBE
Weight without battery	kg	4.2
Operating weight with BOB10	kg	13.5
Rated current	A	20
Rated voltage	V (3~)	51
Output frequency	Hz	200
Output performance	kW	0.79
Dimensions (L x W x H)	mm	296 x 236 x 561
Protection rating		IP24D

Internal vibrator

	Unit	IEe38	IEe45	IEe58
Vibrator head diameter	mm	38	45	58
Rated current	A	6.2	9.9	–
Rated voltage	V (3~)	34	34	34
Output frequency	Hz	200	200	200
Output performance	kW	0.29	0.47	–
Protective hose length	m	1.5/3/5	1.5/3/5	1.5/3/5
Weight	kg	4/5.2/6.4	5.2/6.3/8.8	7.7/9.5/2.1
Running time per battery charge	Hours	4	3	2
Protection rating		IP67	IP67	IP67

Battery

	Unit	BOB5	BOB10	BOB14
Weight	kg	6.4	9.7	9.9
Dimensions (L x W x H)	mm	220 x 290 x 200	220 x 290 x 200	220 x 290 x 200
Capacity	Ah	10	20	28
Energy content	Wh	504	1,008	1,425
Rated voltage	V	51	51	51



BATTERYONE
Manufacturer-independent battery system.

Charging time

	Unit	BOB5	BOB10	BOB14
Standard battery charger BOC7	Hours	1.5	2.5	4.6
Quick battery charger BOC13	Minutes	50	80	112



Standard battery charger BOC13.

Technical data.

HMS internal vibrator/vibrator heads

	Unit	H25	H25S	H25HA	H35	H35S	H35HA	H45	H45S	H45HA	H50HA	H55	H65
		» Basic «											
Diameter	mm	25	25	26	35	35	36	45	45	45	50	57	65
Length	mm	440	295	380	410	310	405	385	305	390	395	410	385
Weight	kg	1.3	0.8	1.3	2.1	1.6	2.3	3.4	2.8	3.3	3.9	5.3	6.2

HMS internal vibrator/flexible shaft

	Unit	SM1-E	SM2-E	SM4-E	SMO-S	SM1-S	SM2-S	SM3-S	SM4-S	SM5-S	SM7-S	SM9-S
		» Basic «										
Length	m	1	2	4	0.5	1	2	3	4	5	7	9
Weight	kg	1.5	2.5	4.3	1.3	2.7	4.3	5.9	7.1	9.3	12.9	15.1

HMS internal vibrator/drive system

	Unit	M1500	M2500	A5000/160
		» Basic «		
Drive		Double insulated universal motor	Double insulated universal motor	Air-cooled, single cylinder, four-cycle, Honda gasoline engine
Voltage	V	230	230	–
Current	A	6.5	7.8	–
Output	kW	1.5	1.8	4
Weight	kg	5.3	5.9	23.7

Internal vibrator

	Unit	IE38	IE45	IE58	IEC38	IEC45	IEC58
		with integrated converter					
		» Advanced «					
Vibrator head diameter	mm	38	45	58	38	45	58
Effective consolidation diameter*	cm	–	–	–	–	–	–
Voltage	V	42	42	42	220–240	220–240	220–240
Current	A	5	8	12	3	4	5
Frequency	Hz	200	200	200	50–60	50–60	50–60
Protective hose**/power cable	m	10/15	10/15	10/15	10/15	10/15	10/15

Internal vibrator

	Unit	IREN30	IREN38	IREN45	IREN58	IREN65	IRSEN30	IRSEN38	IRSEN45
		» Premium «							
Vibrator head diameter	mm	30	38	45	58	65	30	38	45
Effective consolidation diameter*	cm	40	50	60	85	100	40	50	60
Voltage	V	42	42/250	42/250	42/250	42	42	42	42
Current	A	3.5	7 / 1.4	10/1.85	17.3/3	25	3.5	7	10
Frequency	Hz	200	200	200	200	200	200	200	200
Protective hose**/power cable	m	18/15	18/15	18/15	18/15	18/15	0.8/15	0.8/15	0.8/15

Internal vibrator

	Unit	IRSEN57	IRFU30	IRFU38	IRFU45	IRFU57	IRFU65	IRSE-FU45	IRSE-FU57
		with integrated converter							
		» Premium «							
Vibrator head diameter	mm	57	30	38	45	57	65	45	57
Effective consolidation diameter*	cm	85	40	50	60	85	100	60	85
Voltage	V	42/250	220–240, 1~	220–240, 1~	220–240, 1~	220–240, 1~	220–240, 1~	220–240, 1~	220–240, 1~
Current	A	17.3/3	2.2	3.5	4.8	6	10	4.8	6
Frequency	Hz	200	50–60	50–60	50–60	50–60	50–60	50–60	50–60
Protective hose**/power cable	m	0.8/15	10/15	10/15	10/15	10/15	10/15	0.8/15	0.8/15

* 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 always beginning by carrying out a test pour under operating conditions. ** Different protective hose lengths available.

Technical data.

Frequency converters

	Unit	FUH20/1/042	FUH35/2/042	FUH70/4/042*	FUH70/6/042**
Weight	kg	8.9	15.4	24.4	27.1
Input / output voltage	V	230/42	230/42	230/42	230/42
Input / output frequency	Hz	50/200	50/200	50/200	50/200
Input / output current	A	7.8/20	9.5/35	16/58	16/58
Power cable	m	1.5	1.5	1.5	1.5
Number of outlets	Units	1	2	4	6

* also available with frequency adjustment

** only available with frequency adjustment

Frequency converters

	Unit	FUE1042/200W	FUE10250/200W	FUE M/S75A	FUE M/S85A	FUE M/S225A
Weight	kg	87	87	29.5	42	150
Input / output voltage	V	400/42, 3~	400, 3~/250, 3~	400/42, 3~	400/42, 3~	400/42, 3~
Input / output frequency	Hz	50–60/0–200	50–60/0–200	50–60/0–200	50–60/0–200	50–60/0–200
Input / output current	A	24.5/145	24.5/25	13.7/75	13/85	29/225
Power cable	m	3	3	2.5	2.5	–
Number of outlets	Units	–	–	4***	4	–

* Version available with 0–200 Hz

** Version available with 4 outlets

*** Version available with 2 or 6 outlets

Rebar tier

	Unit	DF16*
Operating weight	kg	2.2
Number of tie wires per tie wire strip (magazine)	Units	77
Tie speed	Knots/h	approx. 1,000
Tie speed	sec/knot	approx. 0.8
Exterior diameter of the round materials to be tied	mm	Minimum 6+6/ Maximum 16+16
Tie wire order sizes (copper-coated steel wire)		Box: 7,700 tie wires Pallet: 138,600 tie wires

* Awarded for its outstanding performances in occupational safety and health protectionby BG Bau (Professional Association of the Construction Industry)



A practical holster is available for the rebar tier DF16, which can easily be attached to the waistband.

Wet screed

	Unit	P35
Operating weight	kg	15.5
Drive		Air-cooled, single cylinder, four-cycle gasoline engine
Output	kW/hp	1.2/1.6
At rpm	rpm	7,000

Technical data.

External vibrators	Unit	AR26/3/230w	AR26/3/400	AR26/3.6/230	AR26/6/042	AR26/6/042	AR26/6/042cs	AR26/6/250	ARFU26/6/115UK	ARFU26/6/230	AR 34/3/230V**
		» 2-series «					» 3-series «				
Engine speed	rpm	3,000	3,000	3,600	6,000	6,000	6,000	6,000	6,000	6,000	0–5,220
Max. centrifugal force	kN	3.00	3.00	3.47	3.47	3.47	3.47	3.47	3.47	3.47	0–6.93
Voltage*	V	230, 3~	400, 3~	230, 3~	42, 3~	42, 3~	42, 3~	250, 3~	110–130, 3~	220–240, 3~	0–400, 3~
Current	A	1.75	0.57	1.1	8.0	8.0	8.0	1.35	12.0	6.0	1.3
Weight	kg	7.0	6.2	5.5	6.3	6.5	7.5	4.6	18.0	18.0	6.3
Fastening (length x width)	mm	90x125	90x125	90x125	90x125	90x125	90x125	90x125	90x125	90x125	120x120

External vibrators	Unit	AR34/3/400	AR34/6/042	AR34/6/250	AR43/3/230V*	AR43/3/400	AR43/6/042	AR43/6/250	AR52/6/042	AR52/6/250	AR52/9/042
		» 3-series «			» 4-series «			» 5-series «			
Engine speed	rpm	3,000	6,000	6,000	0–5,220	3,000	6,000	6,000	6,000	6,000	9,000
Max. centrifugal force	kN	3.47	6.98	6.98	10.42	10.02	10.02	10.02	14.14	14.14	13.77
Voltage*	V	400, 3~	42, 3~	250, 3~	0–400, 3~	400, 3~	42, 3~	250, 3~	42, 3~	250, 3~	42, 3~
Current	A	0.75	9.0	1.7	1.5	0.6	12.0	2.0	18.2	2.7	14.0
Weight	kg	7.0	5.9	5.9	8.8	12.2	8.4	8.4	18.6	18.6	17.9
Fastening (length x width)	mm	120x120	120x120	120x120	90x154	90x154	90x154	90x154	120x120	120x120	120x120

External vibrators	Unit	AR53/3/400	AR53/6/042	AR53/6/250	AR53/9/042	AR53/9/250	AR54/6/250	AR63/6/250	AR64/1.5/400	AR64/3/230	AR64/3/400
		» 5-series «				» 6-series «					
Engine speed	rpm	3,000	6,000	6,000	9,000	9,000	6,000	6,000	1,500	3,000	3,000
Max. centrifugal force	kN	14.14	14.14	14.14	13.77	13.77	14.23	19.03	5.05	16.05	16.05
Voltage*	V	400, 3~	42, 3~	250, 3~	42, 3~	250	250, 3~	250, 3~	400, 3~	230, 3~	400, 3~
Current	A	1.7	18.2	2.7	14	2.4	3.1	3.3	1.4	3.0	1.7
Weight	kg	16.8	12.3	11.6	11.6	11.6	13.4	13.9	21.0	18.7	18.7
Fastening (length x width)	mm	90x154	90x154	90x154	90x154	90x154	120x120	90x154	120x120	120x120	120x120

External vibrators	Unit	AR64/6/042	AR64/6/250	AR64/9/042	AR75/1.5/400	AR75/3/230V*	AR75/3/400	AR75/6/042	AR75/6/250	AR75/9/042	AR75/9/250
		» 6-series «				» 7-series «					
Engine speed	rpm	6,000	6,000	9,000	1,500	0–5,220	3,000	6,000	6,000	9,000	9,000
Max. centrifugal force	kN	19.03	19.03	18.14	10.29	24.12	25.23	26.56	26.56	26.38	26.38
Voltage*	V	42, 3~	250, 3~	42, 3~	400, 3~	0–400, 3~	400, 3~	42, 3~	250, 3~	42, 3~	250, 3~
Current	A	21.5	3.1	16.0	3.4	3.8	2.4	32.0	7.5	28.0	4.3
Weight	kg	13.8	13.8	12.9	36.5	30.5	33.0	26.8	26.8	27.5	27.5
Fastening (length x width)	mm	120x120	120x120	120x120	95x180	95x180	95x180	95x180	95x180	95x180	95x180

* Available in other frequencies/voltages ** The external vibrator has a variable speed of 0–5,220 rpm.

PEV external vibrators	Unit	PEV10	PEV14	PEV27	PEV45	PEV60
Engine speed	rpm	16,500	16,000	16,000	8,000	14,500
Centrifugal force	kN	10	14	27	45	60
Air consumption	l/min	1,100	1,200	1,600	1,800	1,800
Operating pressure	bar	6.5	6.5	6.5	6.5	6.5
Weight (without fastening clamp)	kg	7.2	7.3	14	17.6	16.3
Weight of fastening clamp	kg	3.4	3.4	4	4	4

The Wacker Neuson product range includes over 300 different product series with different versions. The product data may vary accordingly with the selection of different options. Not all Wacker Neuson products listed or shown here are however available or allowed in all countries. The Wacker Neuson products shown are examples and as such are subject to changes. We are happy to make you a specific offer upon request!
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