WACKER NEUSON
all it takes!

Construction site technology

Demolition technology, pumps, light towers, and generators

Wacker Neuson – all it takes!

Invest in the future.

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

Experience more:
wackerneuson.com

Rely on a partnership at eye level, very close to you.

Our global network of sales and service stations makes Wacker Neuson a partner with which you can cooperate on site at eye level. We are here to listen to you, to understand you, and to solve your problems together with you. Rely on having a strong partner by your side, who will help set you ahead of the competition.

Bring even more efficiency to you construction site.

Wacker Neuson ensures a maximization in productivity and minimization in cost - with high-quality products, reliable solutions, and support that will guarantee you a smooth construction site operation at all times.

Contents.

Gasoline demolition breakers.

Powerful when used in demolition and tie-tamping work: the gasoline demolition breakers from Wacker Neuson are your powerful companion in the demanding everyday work on the construction site and are impressive with their high efficiency, comfort, safety, and environmental friendliness.

Efficiency

- High single stroke impact energy at a low weight
- Fuel tank with impressive 1.8 liter capacity
- The large fuel filter ensures long maintenance intervals and a long engine service life
- Various tool holders available

Performance

- The powerful percussion system delivers high performance
- The percussion system is extremely sturdy against damage and wear
- The gasoline demolition breaker BH65 has a hollow piston percussion system and thus a high demolition performance
- Protected tank

Safety

- Safe guidance thanks to the hood guide running linear to the percussion shaft
- Low hand-arm vibrations

BH65

BH55rw

BH40

Comfort

- High level of operating comfort with compact hood shape
- Gasoline demolition breaker BH40 is, at 20 kg, significantly lighter than other breakers
- The full-hood vibration damping allows for operation close to the body
- Purger for quick and easy starting
- Stable, well-balanced handle

Environmental friendliness

- Economical and low-emission 2-stroke engine WM80c, designed in-house

Maintenance

- Long regreasing interval of 40 operating hours (BH55rw and BH65)
- The self-cleaning percussion system saves cost and time for maintenance
- Maintenance-free design makes possible easy maintenance of the percussion system on the construction site via the easily accessible central lubrication

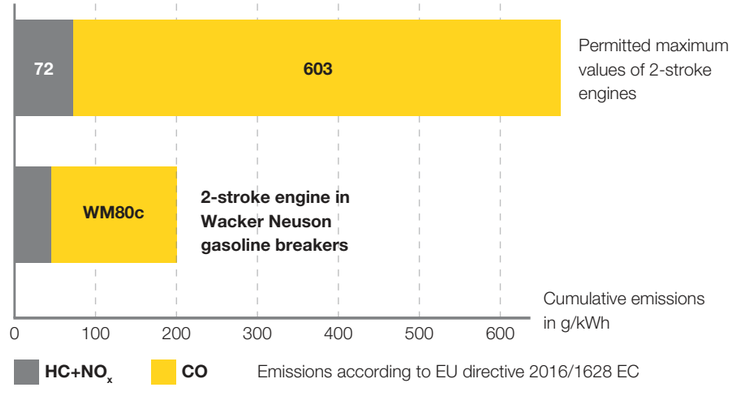
Reliable transport in any position: with solid rubber or pneumatic tires.

The gasoline hammers BH40 and BH55rw are optimally suited for maintenance works in the railway industry.

Well-balanced for easy handling.

Specially developed 2-stroke engine WM80c

The extremely lightweight and low-emission 2-stroke engine WM80c cools the transmission and percussion system and is specially adapted to our breakers. Thanks to the catalytic converter, the economic top performer already falls below all current emissions threshold values as well as those applicable in the future.



Floor saws.

Unbeatable in daily application: The floor saws from Wacker Neuson cut asphalt and concrete quickly, precisely and conveniently. Get excited about the first-class cutting performance!

Comfort

- Large, easy-to-remove water tank
- Low weight (< 95 kg)
- Low hand-arm vibration (HAV) values (below 5 m/s²)*
- Stable guidance thanks to the heavy duty frame and sturdy wheels

Performance

- 20% faster walking speed than comparable equipment
- Continuously adjustable cutting depth to 195 mm

Maintenance

- Lifelong lubricated bearings reduce maintenance effort
- Optimal matching of center of gravity and torque
- Two-sided watering of the cutting blades for a long service life

* The hand-arm vibrations (HAV) are therefore below the threshold of 5 m/s², which allows for a continuous use of up to eight hours a day. (According to EU directive EU 2002/44/EC)

The **central lifting point** provides balance and ensures that the rear wheels always touch the ground first.

The largest water tank in its class: 20 l on the BFS735 and 940 or 32 l on the BFS1345 and 1350.

The optionally available handle facilitates transport of the equipment.

Cut-off saws.

From masonry to reinforcements to concrete: The gasoline cut-off saw from Wacker Neuson always cuts absolutely reliably and is extremely durable and efficient in application.

Efficiency

- Work dust-free with a large pressurized water tank (accessories)

Performance

- High-torque engine
- High level of cutting performance for productive working

Comfort

- Comfortable soft start
- Low hand-arm vibration values (below 5 m/s²)*

Quality

- Sturdy design with low wear
- High level of reliability in everyday construction site use

Maintenance

- Three-stage air filter system ensures a constant high engine output and minimized air filter service

Efficient 3-stages air cleaner system

The optimal filter method for a long service life of the air cleaner: the cyclonic filter 1 and the foam material prefilter 2 largely rid the intake air from dirt particles. Only then does the pre-cleaned air reach the main filter 3.

1 Cyclonic filter

2 Foam material prefilter

3 Main filter

Accessories.
Demolition technology.

Diamond blades

The diamond blades from Wacker Neuson provide for a clean, perfect cut, allow for efficient work in a variety of application areas as well as with different materials and are available in three performance ranges.

The right blade for any application

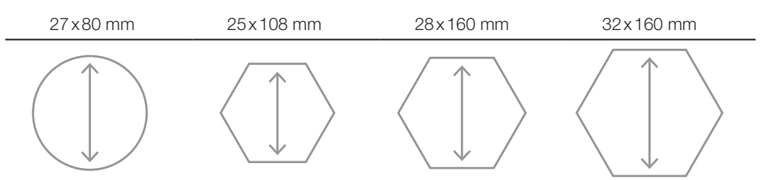
Performance range	★★★★	★★★☆	★★☆☆
Segment height	**12 mm**	**10 mm**	**8 mm**
	Optimal for powerful machines in daily application due to the extremely high cutting performance and a very good service life.	Outstanding cutting quality, extremely solid in service life: the best choice for frequent use.	Ideal for occasional use – with a neat cutting performance and service life.

Chisel and tie-tamping tools.

Regardless of whether you are using a moil point, a flat or bolster chisel, or tie-tamping tools: you are ideally equipped for any application with our unique selection of common tool holders (even in various effective lengths)!

Chisel product range with four tool holders:

Use our versatile chisel product range and expand the application areas for your breakers. Our selection of chisels in various effective lengths also fits breakers from other manufacturers.



Technical data.
Demolition technology.

Gasoline breakers

	Unit	BH40	BH55			BH55rw Tool holder				BH65			
Tool holder	**mm**	Ø 27 x 80	Ø 27 x 80	hex 25 x 108	hex 28 x 160	hex 28 x 160	hex 32 x 160	Ø 27 x 80	Ø 27 x 80	Ø 27 x 80	hex 25 x 108	hex 28 x 160	hex 32 x 160
L x W (without tool)	**mm**	843 x 492	777 x 492	791 x 492	833 x 492	898 x 492		842 x 492		848 x 492	858 x 492	905 x 492	
Height (without tool)	**mm**	318	346			346				346			
Weight	**kg**	20.5	22.8	22.7	23.8	25.2		24.2		24.2	24.1	25.2	25.1
Percussion rate	**rpm**	1,650	1,300			1,350	1,300	1,300	1,350	1,300	1,250	1,250	
Single stroke impact energy	**J**	40	55			55				55	65	65	
Rated power	**kW**	1.6	1.6			1.6				1.7			
Nominal speed	**rpm**	4,150	4,250			4,500				4,100			
Tank capacity (fuel)	**l**	1.8	1.8			1.8				20			

Saws

	Unit	BTF5735	BFS940	BFS1345	BFS1350	BTS635
Max. cutting depth	**mm**	120	145	170	195	12.8
Length of guide wheel folded up	**mm**	746	826	801	826	825
Width	**mm**	833	905	488	568	315
Weight	**kg**	69	86	93	94	11.3
Min. blade diameter	**mm**	350	350	350	350	300
Max. blade diameter	**mm**	350	400	450	500	350
Rated power at 3,600 l/min	**kW**	3.7	6.3	8.7	8.7	4.3
Tank capacity (fuel)	**l**	3.1	5.3	6.1	6.1	1.1

Engine-driven pumps.

From fresh water to dirty water with larger solids: the engine-driven pumps from Wacker Neuson were designed and developed for a variety of requirements for draining construction sites. Due to the high quality and durable components, you also benefit from a high level of reliability and reduced maintenance costs.

PG series: dewatering pumps for fresh water

- High discharge volume
- Simple operation and handling
- Sturdy protective frame usable as a lift handle for easy transport

PG2

PT series: centrifugal pumps for dirty water

- Very high discharge volume, ideal for quick drainage
- Automatic shutdown in the event of a low oil level prevents damage to the machine
- Self-priming
- Easily replaceable wear parts
- Easy-to-start brand engines

PT2

PDI series: diaphragm pumps for sludgy water

- Wide range of applications
- Handles solids content up to 50 mm
- Safe to dry run, even when operated with lasting lack of water; operation without supervision is therefore possible
- Modular design makes maintenance and cleaning easier
- Easy to transport thanks to the full-rubber tires and large lifting eyes

PD2

Electric submersible pumps.

The electric submersible pumps by Wacker Neuson are extremely sturdy, wear-resistant and perform extremely well in extreme situations: whether dealing with large discharge volumes and heads or whether the fluid to be conveyed is only a few millimeters high. You can always rely on our submersible pumps.

Single-phase pumps (1~) and three-phase pumps (3~)

- Extremely high discharge volume with up to 2,440 l/min
- Convey particulate matter up to 20 mm in size
- Safe to run dry: no burn-out, even when operated with lasting lack of water
- Extremely durable: internal, mechanical seal of silicon carbide in the oil bath
- With Schuko plug, optionally also combinable with motor protection, float, and phase inverter. Model variants with lateral outlet or automatic operation available
- Integrated thermal overload protection breaker prevents damage to the motor

Typical application areas

	Application areas
PG series	Basement flooding, watering, and draining garden ponds and swimming pools, irrigation for gardening and landscaping
PT series	Excavations, pipeline construction, gravel pits, trench applications as well as sites where large volumes of water need to be moved quickly, such as disaster control
PDI series	Drainage of sludge masses and seepage areas, basement flooding, seepage water on construction sites
Single-phase pumps	Basement flooding, watering, and draining garden ponds or swimming pools
Three-phase pumps	Water drainage, construction sites flooding, concrete treatment plants in ready-mixed concrete and precast plants, gravel pits

Time-tested and proven in application: high-performance power cable with strain relief and high-quality insulation for our pumps.

Electric submersible pumps that are safe to dry run: even during long intermittent operation due to lack of water thanks to the built-in oil lifter.

Technical data.
Engine-driven pumps.

Fresh water pumps

	Unit	PG2	PG3
Suction and discharge pipe diameter	mm	50	75
Length	mm	480	515
Width	mm	375	405
Height	mm	395	460
Operating weight	kg	24	31
Total head	m	30	30
Max. discharge volume	l/min	600	1,000
Max. solids diameter	mm	6.5	6.5
Engine manufacturer	–	Honda	Honda

Diaphragm Pumps

	Unit	PDI2A	PDI3A
Suction and discharge pipe diameter	mm	50	75
Length	mm	850	880
Width	mm	480	520
Height	mm	620	620
Operating weight	kg	64	60
Total head	m	15	15
Max. discharge volume	l/min	170	330
Max. solids diameter	mm	28	50
Engine manufacturer	–	Honda	Honda

Centrifugal pumps

	Unit	PT2A	PT3A	PTS4V
Suction and discharge pipe diameter	mm	50	75	100
Length	mm	550	673	915
Width	mm	466	508	890
Height	mm	501	571	890
Operating weight	kg	43	67	150
Total head	m	32	29.5	32
Max. discharge volume	l/min	625	1,315	2,609
Max. solids diameter	mm	25	38	50
Engine manufacturer	–	Honda	Honda	Vanguard

Technical data.
Electric submersible pumps.

1~ dirty water pumps

	Unit	PST2 400	PST3 750	PS2 500	PSA2 500	PS2 800	PSA2 800	PS2 1500
Discharge tube diameter	mm	50	80	50	50	50	50	50
Length	mm	265	285	185	220	187	223	187
Width	mm	185	184	185	185	187	187	187
Height	mm	330	389	355	355	341	341	600
Operating weight	kg	11.3	19	9.5	10	13.2	13.8	32.5
Total head	m	12	18	11	11	15	15	17.5
Max. discharge volume	l/min	200	300	220	200	310	310	420
Max. solids diameter	mm	9.5	7	6	6	6	6	6
Voltage	V	230	230	230	230	230	230	230

3~ dirty water pumps 1.5 - 2.2 kW

	Unit	PS2 1503	PS3 1503	PS2 1503L	PSA2 1503L*	PS2 2203	PS3 2203	PS2 2203L	PS2 2203L**
Discharge tube diameter	mm	50	75	50	50	50	75	50	50
Length	mm	235	235	240	240	235	235	240	240
Width	mm	215	215	240	240	215	215	240	240
Height	mm	550	550	392	482	570	570	412	482
Operating weight	kg	29	29	19.5	20	32	32	23	23.5
Total head	m	21.5	14.4	20	20	26	20.4	24	24
Max. discharge volume	l/min	430	670	420	420	500	800	530	530
Max. solids diameter	mm	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Voltage	V	400	400	400	400	400	400	400	400

3~ dirty water pumps 3.7 - 11 kW

	Unit	PS2 3703	PS3 3703	PS4 3703	PS3 5503	PS4 5503	PS4 7503HH	PS4 7503HF	PS4 11003HH	PS4 11003HF
Discharge tube diameter	mm	50	75	100	75	100	100	100	100	100
Length	mm	285	285	285	305	305	330	330	375	375
Width	mm	250	250	250	260	260	315	315	350	350
Height	mm	655	655	675	695	705	785	785	805	805
Operating weight	kg	55	55	55	66	66	93	93	130	130
Total head	m	36.5	29	18	32	22.5	40	31	48.5	32.5
Max. discharge volume	l/min	450	900	1,440	1,100	1,750	1,400	2,040	1,440	2,440
Max. solids diameter	mm	8.5	8.5	8.5	8.5	8.5	8.5	20	8.5	20
Voltage	V	400	400	400	400	400	400	400	400	400

* Automatic version available: PSA2 1503L: weight 20 kg, height: 482 mm.
** Automatic version available: PSA2 2203L: weight 23.5 kg, height: 482 mm.

Light towers.

When it comes to a mobile, powerful, and continuous light supply for construction sites, road repairs at night or events, our light towers are indispensable.

Performance

- 4 multi-LED panels to illuminate an area of 7,700 m² (20 lux)
- 124 hours running time (light only) on one tank
- Maximum light height 8.20 m
- Electrical-hydraulic extendable tower (LTN5), manually extendable (LTN4)

Efficiency

- LTN5: lighting times programmable or automatically controllable by light sensor
- Clear and easily understandable operating panel

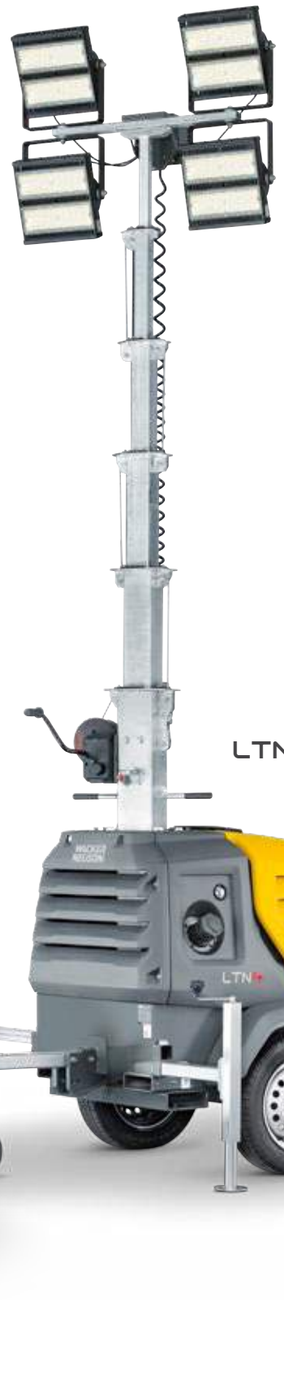
Safety

- LTN5: AMOSS safety system to automatically lower the tower when the brake of the trailer is released
- 4 stable leveling jacks and leveling bubble for safe leveling of the machine
- Sturdy plastic hood to protect the engine
- LTN5: wind sensor automatically lowers the tower when the wind force is high

Transport

- Compact dimensions allow easy transport and space-saving storage
- Trailer with European road circulation approval and ball-shaped trailer hitch, also available with height adjustable drawbar
- Forklift pockets on four sides
- Stable lifting eye
- Weight is less than 750 kg; so the Light Tower can be towed with a car driver's license as well

Model without trailer, on skids, available



Inexperienced operators can also use control panel quickly.

4 x 400 W for illumination of up to 30,200 m².

Wind sensor automatically lowers the tower when the wind force is high. (LTN5)

Lifting eye for easy transport.

Technical data

	Unit	LTN4	LTN5
Length	mm	2,620	2,620
Width	mm	1,220	1,220
Height	mm	2,700	2,700
Weight	kg	685	695
Max. light source height	m	8.2	8.2
Type of lamp	W	Multi-LED panel (4 x 400 W)	Multi-LED panel (4 x 400 W)
Illumination surface	m²	30,200 (5 lux on average); 7,700 (20 lux on average)	30,200 (5 lux on average); 7,700 (20 lux on average)
Drive	–	Yanmar (2TNV70)	Yanmar (2TNV70)
Running time (light only)	h	124	124

Generators, GS series (12 kW) and GV series (up to 7 kW).

Whether in the construction industry or at events – the generators of our GV and GS series are reliable and economical power providers on which you can depend. You can choose from six models, depending on your requirements.

Performance

- Tried and tested Honda four-stroke engine with reliable energy supply, even when in constant operation
- GV series: mechanical voltage regulation for sturdy performance
- GS12 with electronic voltage regulation for particularly consistent power output
- An insulation monitoring device provides additional safety

GS12

Efficiency

- Performance ranges from 2.5 to 12 kW provide the right equipment for any application
- Compact dimensions simplify transport and storage
- Reliable oil bath air filters guarantee cleaner intake air and efficient engine output

Comfort

- GS12: sturdy wheels and handles integrated as standard
- GV series: wheel set and handles available as accessories
- No grounding necessary in normal operation

Plug receptacles for any requirement:

	Schuko 230 V, 16 A	1~ CEE 3P, 230 V, 16 A	1~ CEE 3P, 230 V, 32 A	3~ CEE 4P, 400 V, 16 A
GV2500	● (2x)	–	–	–
GV5000	● (2x)	–	–	–
GV5003	●	●	–	●
GV7000	●	–	●	–
GV7003	●	●	–	●

● Standard – not available

Charging box.

The Charging Box CB250 is a power bank, which enables you to be energy self-sufficient on the construction site. The charging box extends the capacity of zero emission products, prevents peak loads in the network and can provide the entire construction site with electricity.

CB250

Performance

- No noise or exhaust emissions of any kind
- Two operating modes: isolated operation for self-sufficient power supply, or network operation for simultaneous charging and discharging
- Equipped with various plug receptacles as standard (16 A / 400 V, 32 A / 400 V output: 230 V Schuko, 16 A / 400 V, 32 A / 400 V)

Comfort

- Transport via lifting eyes or pallet forks possible or optionally available with wheel set
- Simple handling through intuitive start process, and “Plug & Play”

	Unit	CB250
Weight	kg	650
Dimensions	mm	1,480 x 820 x 1,105
Class rating	–	IP54
Temperature range	°C	-20 – +40 ambient temperature
Cooling	–	Air cooled
Electr. frequency	Hz	50
Rated power	kVA	50
Charging time	h	< 4.5 (16 A)
Capacity	kWh	25

Generators of the G-Series and GB-Series.

With a wide range of models and performance ranges (2-8 kW), the G- and GB-Series are designed to provide reliable, efficient energy for a variety of applications, from semi-professional application for light tasks, through to demanding construction projects. They also include inverter generators, which provide a particularly high level of comfort and protection for sensitive equipment.

GB3000G

G3500Gi

GB2000i

GS6000

Performance

- Reliable Loncin engine with a long service life, which is very easy to start, provides a consistent performance and high start-up currents.
- The automatic voltage regulation (AVR) ensure a stable supply of power with changing loads

Efficiency

- Large tank with long running times
- Easy transport: all GS-generators provide a wheel set and handles as standard
- Compact dimensions simplify transport and storage

Comfort

- The series with two inverters: both are very quiet in operation and provide a very consistent output power, which protects the sensitive electronic equipment against damage
- All generators are equipped with an electronic display, from which the operating parameters, like power, voltage, and operating hours, can be read
- No grounding necessary in normal operation

	Schuko 230 V, 16 A	1~ CEE 3P, 230 V, 16 A	1~ CEE 3P, 230 V, 32 A	3~ CEE 4P, 400 V, 16 A
GB2000Gi	●	–	–	–
GB3000G	● (2x)	–	–	–
GB6000G	● (3x)	–	–	–
GS3500Gi	● (2x)	–	–	–
GS7000Gi	● (2x)	–	–	–
G3500G	●	–	●	–
GS6000G	●	–	–	●
GS6503G	●	–	–	●
GS8003G	●	–	–	●

● Standard – not available

Technical data.
Generators.

	Unit	GV2500	GV5000	GV5003	GV7003	GS12
Output current	**A for 1~** **A for 3~**	10 –	17.8 –	25.1 8.0	14.1 10.8	17.1 27.1
Output frequency	**Hz**	50	50	50	50	50
Power factor	**cos ϕ at 1~** **cos ϕ at 3~**	0.9 –	0.9 –	0.9 0.8	0.9 0.8	1.0 0.8
Generator continuous (prime) power output (COP)	**kW for 1~** **kW for 3~**	2.1 –	3.9 –	3.2 4.2	3.2 5.7	5.0 9.4
Var. gen. continuous (prime) power output (PRP)	**kW**	2.1	3.9	4.3	5.6	9.5
Generator maximum power output (MAX)	**kW**	2.9	4.6	5.1	7.0	11.1
Main fuse	**A**	12.1	20.1	10.3	10.3	16
Available voltages	**V for 1~** **V for 3~**	230 –	230 –	230 400	230 400	230 400
Outlets model	**–**	2 x Schuko 230 V, 16 A	2 x Schuko 230 V, 16 A	1 x Schuko 230 V, 16 A 1 x 1~CEE 3P, 230 V, 16 A 1 x 3~ CEE 4P, 400 V, 16 A	1 x Schuko 230 V, 16 A 1 x 1~CEE 3P, 230 V, 16 A, 1 x 3~CEE 4P, 400 V, 16 A	2 x Schuko 230 V, 16 A 1 x CEE, 230 V, 16 A 1 x CEE, 400 V, 16 A
Plug receptacles	**Number**	2	2	3	3	4
Tank capacity	**l**	11.0	11.0	11.0	11.0	24.0

	Unit	GB2000i	GB3000	GB6000	GS3500i	G3500	GS6000	GS6503	GS8003
Output current	**A for 1~** **A for 3~**	7 –	12.2 –	23.9 –	13 –	13 –	23.9 –	8.7 10.8	10.9 13.9
Output frequency	**Hz**	50	50	50	50	50	50	50	50
Power factor	**cos ϕ at 1~** **cos ϕ at 3~**	1 –	1 –	1 –	1 –	1 –	1 –	1 0.8	1 0.8
Generator continuous (prime) power output (COP)	**kW for 1~** **kW for 3~**		2.8 –	5.5 –		3 –	5.5 –	2 6	2.5 7.7
Generator maximum power output (MAX)	**kW**	1.8	3.1	6	3.3	3.3	5.7	6.5	8
Main fuse	**A**	12.1	20.1	10.3	25.1	10.3	16		
Available voltages	**V for 1~** **V for 3~**	230 –	230 –	230 –	230 –	230 –	230 –	230 400	230 400
Outlets model	**–**	1 x Schuko, 230 V, 16 A	2 x Schuko 230 V, 16 A	3 x Schuko 230 V, 16 A	2 x Schuko 230 V, 16 A	1 x Schuko 230 V, 16 A 1 x CEE 230 V, 32 A	1 x Schuko 230 V, 16 A 1 x CEE 400 V, 16 A	1 x Schuko 230 V, 16 A 1 x CEE 400 V, 16 A	1 x Schuko 230 V, 16 A 1 x CEE 400 V, 16 A
Plug receptacles	**Number**	1	2	3	2	2	3	2	2
Tank capacity	**l**	4	9	26.5	10	18	30	30	30

Overview of current consumers.

Concrete technology

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GV 2500	GV 5000	GV 5003	GV 7003	G 7	GS 12
IRFU30-65	230/50	2.2–10.0	ind.	1,380	●	●	●	●	●	●
IRSE-FU30-57	230/50	3.5–6.0	ind.	1,380	●	●	●	●	●	●
IEC38-58	230/150	3–5	ind.	420–700	●	●	●	●	●	●
FUH20	230/50	7.8	ind.	1,800	●	●	●	●	●	●
FU1.5/200W	230/50	9.0	ind.	2,100	●	●	●	●	●	●
FU1.8/200	400/50	5.0	ind.	3,500	–	–	–	●	●	●
FU4/200	400/50	10.0	ind.	6,900	–	–	–	–	●	●
FU5z	400/50	13.2	ind.	9,200	–	–	–	–	–	●
FUE1	230/50	9.6	ind.	2,200	●	●	●	●	●	●
FUE2	230/50	13.0	ind.	3,000	–	●	●	●	●	●
KTU2	230/50	13.0	ind.	3,000	–	●	●	●	●	●
FUE6/042/200WSC	230/50	9.6–14.8	ind.	5,500	–	–	–	–	●	●
M1500	230/50	4.5	ind.	1,500	●	●	●	●	●	●
M2500	230/50	6.5	ind.	2,500	●	●	●	●	●	●

Single-phase pumps

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GV 2500	GV 5000	GV 5003	GV 7003	G 7	GS 12
400 W	230/50	–	ind.	600*	●	●	●	●	●	●
500 W	230/50	–	ind.	670*	●	●	●	●	●	●
750 W	230/50	–	ind.	1,450*	●	●	●	●	●	●

Three-phase pumps

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GV 2500	GV 5000	GV 5003	GV 7003	G 7	GS 12
1,500 W	400/50	–	ind.	2,350*	–	–	–	**	●	●
2,200 W	400/50	–	ind.	3,800*	–	–	–	–	–	●
3,700 W	400/50	–	ind.	5,190*	–	–	–	–	–	–
5,500 W	400/50	–	ind.	7,470*	–	–	–	–	–	–
7,500 W	400/50	–	ind.	9,900*	–	–	–	–	–	–
11,000 W	400/50	–	ind.	14,500*	–	–	–	–	–	–

Electric space heaters

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GV 2500	GV 5000	GV 5003	GV 7003	G 7	GS 12
Fan heater (3 kW)	230/50	–	ind.	3,000	●	●	●	●	●	●

Gas-/oil-fired space heaters and air dehumidifiers

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GV 2500	GV 5000	GV 5003	GV 7003	G 7	GS 12
Gas space heaters	230/50	–	–	–	●	●	●	●	●	●
Oil-fired space heaters	230/50	–	–	–	●	●	●	●	●	●

Lighting

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GV 2500	GV 5000	GV 5003	GV 7003	G 7	GS 12
LED light balloon	230/50	–	–	–	○	●	●	●	●	●
Halogen light balloon	230/50	–	ohm.	500–2,000	●	●	●	●	●	●

● suitable ○ suitable with restrictions – not suitable ind. Inductive ohm. ohmsch

* Full load/start ** Application only permitted with additional personal protection switch

Overview of current consumers.

Concrete technology

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GB 2000i	GB 3000	GB 6000	GS 3500i	G 3500	GS 6000	GS 6503	GS 8003	GS 10003	GDS 5500
IRFU30-65	230/50	2.2–10.0	ind.	1,380	●/–	●	●	●	●	●	●	●	●	●
IRSE-FU30-57	230/50	3.5–6.0	ind.	1,380	●	●	●	●	●	●	●	●	●	●
IEC38-58	230/150	3–5	ind.	420–700	●	●	●	●	●	●	●	●	●	●
FUH20	230/50	7.8	ind.	1,800	–	●	●	●	●	●	●	●	●	●
FU1,5/200W	230/50	9.0	ind.	2,100	–	●	●	●	●	●	●	●	●	●
FU1.8/200	400/50	5.0	ind.	3,500	–	–	–	–	–	–	●	●	●	–
FU4/200	400/50	10.0	ind.	6,900	–	–	–	–	–	–	–	●	●	–
FU5z	400/50	13.2	ind.	9,200	–	–	–	–	–	–	–	●	●	–
FUE1	230/50	9.6	ind.	2,200	–	●	●	●	●	●	●	●	●	●
FUE2	230/50	13.0	ind.	3,000	–	–	●	●	●	●	●	●	●	●
KTU2	230/50	13.0	ind.	3,000	–	–	●	●	●	●	●	●	●	●
FUE6/042/200WSC	230/50	9.6–14.8	ind.	5,500	–	–	●	–	–	●	●	●	●	●
M1500	230/50	4.5	ind.	1,500	–	●	●	●	●	●	●	●	●	●
M2500	230/50	6.5	ind.	2,500	–	●	●	●	●	●	●	●	●	●

Single-phase pumps

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GB 2000i	GB 3000	GB 6000	GS 3500i	G 3500	GS 6000	GS 6503	GS 8003	GS 10003	GDS 5500
400 W	230/50	–	ind.	600*	●	●	●	●	●	●	●	●	●	●
500 W	230/50	–	ind.	670*	●	●	●	●	●	●	●	●	●	●
750 W	230/50	–	ind.	1,450*	●	●	●	●	●	●	●	●	●	●

Three-phase pumps

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GB 2000i	GB 3000	GB 6000	GS 3500i	G 3500	GS 6000	GS 6503	GS 8003	GS 10003	GDS 5500
1,500 W	400/50	–	ind.	2,350*	–	–	–	–	–	–	●	●	●	–
2,200 W	400/50	–	ind.	3,800*	–	–	–	–	–	–	●	●	●	–
3,700 W	400/50	–	ind.	5,190*	–	–	–	–	–	–	–	–	–	–
5,500 W	400/50	–	ind.	7,470*	–	–	–	–	–	–	–	–	–	–
7,500 W	400/50	–	ind.	9,900*	–	–	–	–	–	–	–	–	–	–
11,000 W	400/50	–	ind.	14,500*	–	–	–	–	–	–				

Electric space heaters

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GB 2000i	GB 3000	GB 6000	GS 3500i	G 3500	GS 6000	GS 6503	GS 8003	GS 10003	GDS 5500
Fan heater (3 kW)	230/50	13	ind.	3,000	–	●	●	●	●	●	●	●	●	●

Gas-/oil-fired space heaters and air dehumidifiers

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GB 2000i	GB 3000	GB 6000	GS 3500i	G 3500	GS 6000	GS 6503	GS 8003	GS 10003	GDS 5500
Gas space heaters	230/50	–	–	–	●	●	●	●	●	●	●	●	●	●
Oil-fired space heaters	230/50	–	–	–	●	●	●	●	●	●	●	●	●	●

Lighting

	Voltage frequency (V/HZ)	Input current (A)	Type	Power output (VA)	GB 2000i	GB 3000	GB 6000	GS 3500i	G 3500	GS 6000	GS 6503	GS 8003	GS 10003	GDS 5500
LED light balloon	230/50	–	–	–	●	●	●	●	●	●	●	●	●	●
Halogen light balloon	230/50	–	ohm.	500–2,000	●	●	●	●	●	●	●	●	●	●

● suitable ○ suitable with restrictions – not suitable ind. Inductive ohm. ohmsch

* Full load/start ** Application only permitted with additional personal protection switch

Wacker Neuson – all it takes.


Concrete technology


Vibratory rammers


Vibratory plates


Rollers


Demolition technology


Generators


Lighting


Pumps


Excavators


Wheel loaders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