

Construction site technology

Demolition equipment, pumps,
light tower, and power
generators



**WACKER
NEUSON**
all it takes!



Your reliable solution provider

We offer customers all over the world a comprehensive range of construction machinery and equipment, spare parts, and services. Since our company's beginnings in 1848, the Wacker Neuson brand has stood for reliability and innovation. Companies from the main construction industry, gardening and landscaping, municipalities and industry, among other sectors, therefore rely on the innovative solutions from Wacker Neuson. Wacker Neuson – **all it takes!**



Our services

When you need us, we are there. We not only advise you during the purchase of a machine, but also afterwards. You can trust our expert and quick support. Find out about our extensive services for construction machines and construction equipment. With our widespread sales and service network, we are always close by.

Learn more about our services:
wackerneuson.com/services



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Gasoline demolition breakers

Powerful in demolition and track tamping work: The gasoline breakers from Wacker Neuson are your high-performance companions in the demanding daily construction site routine and impress with 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 holding fixtures available

Performance

- The powerful percussion system delivers high performance
- The percussion system is extremely sturdy and resistant to damage and wear
- The BH65 gasoline breaker has a hollow piston percussion mechanism and therefore has a high demolition performance

Safety

- Safe handling thanks to the hood design that runs linear to the impact axis
- Low hand-arm vibrations

BH65



BH55rw



BH40



Comfort

- High level of operating comfort with a compact hood shape
- At 20 kg, the BH40 gasoline breaker is considerably 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

Environmentally friendly

- Economical and low-emission WM80c two-stroke engine

Maintenance

- Long relubrication interval of 40 operating hours (BH55rw and BH65)
- The self-cleaning percussion system saves cost and time for maintenance
- Easy-to-maintain design allows for simple on-site impact maintenance via the easily accessible central lubrication system



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



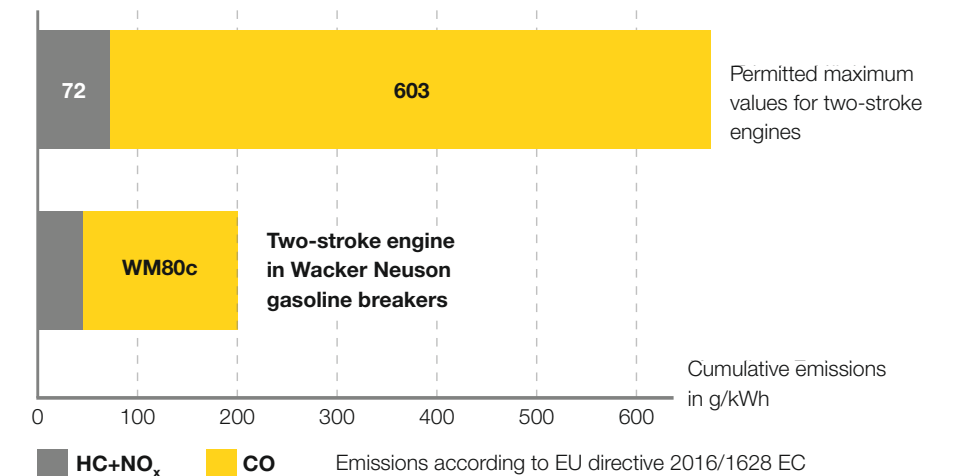
The BH40 and BH55rw gasoline breakers are specially optimized for maintenance work in railway track construction.



Perfectly balanced for easy handling.

Specially developed WM80c two-stroke engine

The extremely lightweight and low-emission WM80c engine cools the transmission and percussion system and is specially adapted to our breakers. Thanks to the catalytic converter, this economical performer already undercuts all current and future emission limits.



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 values (below 5 m/s²)*
- Stable guidance thanks to high-strength frame and robust wheels

Performance

- 20% faster pace than comparable equipment
- Infinitely adjustable cutting depth up to 195 mm

Maintenance

- Lubricated-for-life bearings reduce maintenance requirements
- Optimal coordination of center of gravity and torque
- Two-sided watering of the cutting blades for a long service life

* The hand-arm vibrations 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)



Gasoline cut-off saw

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 use.

Efficiency

- Dust-free operation with large pressurized water tank (accessory)

Maintenance

- Three-stage air filtration system ensures consistently high engine performance and minimizes filter maintenance

Performance

- High-torque engine
- High cutting performance for productive work

Comfort

- Comfortable Soft-Start
- Low hand-arm vibration values (below 5 m/s²)*

Quality

- Durable design with low wear
- High level of reliability in tough everyday use on construction sites



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 for BFS735 and 940 or 32 l for BFS1345 and 1350.



The optionally available handle grip makes it easier to transport the machine.

Efficient 3-stage air filter system

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



1 Cyclonic pre-cleaner



2 Foam material pre-filter



3 Main filter

Accessories

Demolition technology

Diamond blades

The diamond blades from Wacker Neuson ensure a clean, perfect cut, enable efficient work in a wide range of applications and with a variety of materials, and are available in three performance classes.



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 tool service life: The best choice for frequent use.	Ideally suited for occasional use - with a decent cutting performance and tool service life.

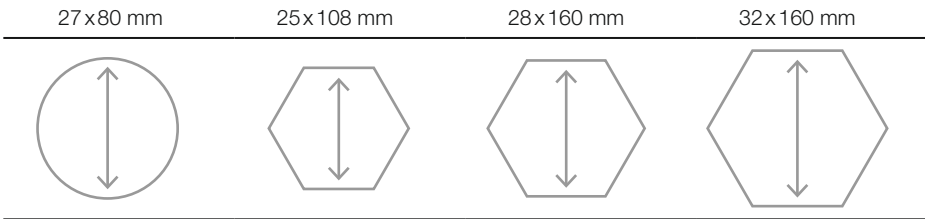


Chisels and tamping tools

Whether pointed, flat, wide chisels, or tamping tools: with our unique selection for all common tool holders (also in different useful lengths), you are ideally equipped for every job!

Chisel program with four shank ends:

Use our versatile chisel program, and expand the application possibilities of your hammers. 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 27x80	Ø 27x80	hex 25x108	hex 28x160	hex 28x160	hex 32x160	Ø 27x80	Ø 27x80	Ø 27x80	hex 25x108	hex 28x160	hex 32x160	
L x B (without tool)	mm	843 x 492	777 x 492	791 x 492	833 x 492	898 x 492		8,420 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	BFS735	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
Nominal 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 wastewater with larger solids: Wacker Neuson's engine pumps are designed to meet a wide range of requirements when it comes to construction site dewatering. Thanks to the high quality and durable components, you also benefit from high reliability and reduced maintenance costs.

PG series: dewatering pumps for fresh water

- High discharge volume
- Simple operation and handling
- Sturdy protective frame can be used as a carrying handle for easy transport



PT series: centrifugal pumps for wastewater

- Very high discharge volume, ideal for quick dewatering
- Automatic shutdown in the event of a low oil level prevents damage to the machine
- Self-priming
- Wear parts easily replaceable



PDI series: diaphragm pump for dirty water

- Handles solids content up to 41 mm
- Safe to dry run, therefore no supervision required for operation
- Reinforced diaphragm for particulate matter with sharp-edged parts
- Continuous pump operation due to pressure compensating chamber
- Easy to transport, since the pump including suction and discharge connections is very compact in design



Electric submersible pumps

Electric submersible pumps from Wacker Neuson are extremely robust, wear-resistant, and excellently handle extreme situations: whether dealing with large delivery volumes and heights or when the liquid to be pumped is only a few millimeters high. You can always rely on our submersible pumps.



Alternating current pumps (1~) and three-phase pumps (3~)

- Extremely high flow rates up to 2,440 l/min
- Convey particulate matter up to 9.5 mm in size
- Safe to run dry: no burn-out, even with long-lasting pumping operation
- Extremely wear-resistant: internal silicon carbide mechanical seal running in an oil bath
- With Schuko plug, can optionally be combined with motor protection, float and phase inverter. Model variants with side outlet or automatic operation available
- Integrated thermal overload protection breaker prevents damage to the motor

Typical application areas

Application areas	
PG series	Basement flooding, irrigation and drainage of garden ponds and swimming pools, irrigation in gardening and landscaping
PT series	Excavation pits, pipeline construction, gravel pits, ditches, as well as places where large volumes of water have to be moved quickly, such as for disaster control
PDI series	Drainage of sludge masses and seepage areas, basement flooding, seepage water on construction sites
AC pumps	Basement flooding, irrigation and drainage of garden ponds or swimming pools
Three-phase pumps	Water drainage, construction sites flooding, concrete processing plants in ready-mix concrete and precast concrete plants, gravel pits



Proven in operation: heavy-duty power cables with strain relief and high-quality insulation for our pumps.



Dry-running safe electric submersible pumps: even with long pumping operation thanks to integrated oil distributor.

Technical data

Engine-driven pumps

Fresh water pumps

	Unit	PG2	PG3
Intake and pressure pipe joints 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
Intake and pressure pipe joints diameter	mm	50	75
Length	mm	996	1,057
Width	mm	455	455
Height	mm	585	589
Operating weight	kg	59	63
Total head	m	15	15
Max. discharge volume	l/min	189	333
Max. solids diameter	mm	38	41
Engine manufacturer	–	Honda	Honda

Centrifugal pumps

	Unit	PT2A	PT3A	PTS4V
Intake and pressure pipe joints diameter	mm	50	80	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~ trash 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~ wastewater 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~ wastewater 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 tower

When it comes to a mobile, high-performance and permanent light supply for construction sites, nighttime road repairs, or events, our light tower is indispensable.

Performance

- 4 multi-LED panels to illuminate an area of 5,000 sqm
- 200 hours runtime (light only) with one tank filling
- 8.5 m high mast that can be raised electro-hydraulically at the push of a button

Efficiency

- Lighting times programmable or automatically controlled by light sensor
- Clear and easy to understand control panel

Safety

- AMOSS safety system for automatic lowering of the mast as soon as the brake is released
- 4 stable levelling jacks and spirit level for safe levelling of the unit
- Robust metal housing, galvanized and powder coated

Transport

- Trailer with European road approval and ball hitch, also available with height-adjustable drawbar
- Stacker lugs on four sides
- Sturdy crane eye



Technical data

	Unit	LTE4
Length	mm	2,550
Width	mm	1,380
Height	mm	2,430
Max. mast height	m	8.5
Type of lamp	W	Multi-LED-Panel (6 x 150 W)
Illumination surface	m²	5,000 (5 lux min)
Engine	-	Kubota (z482)
Runtime (light only)	h	200



Control panel can be quickly mastered even by inexperienced operators



Power generators of the GV series (up to 7 kW)

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

Performance

- Large tank with long runtime
- The Honda four-stroke engine with mechanical voltage control ensures reliable power output even in continuous operation

Safety

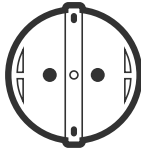



- No grounding necessary during normal operation

Comfort

- Compact dimensions facilitate transport and storage
- Available as accessory: Wheel set with foldable handles



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

GS Series Power Generator (12 kW)

The GS12 portable generator is the all-rounder when it comes to power supply, offering reliable performance in construction, industrial, commercial, and agricultural applications. It impresses with a long runtime with a consistent power supply.



Performance

- Electronic voltage regulation provides a smooth, sinusoidal output voltage
- Large tank for long runtime
- Honda four-stroke engine manages starting currents up to 4 times the rated value and delivers reliable power even during continuous operation

Safety

- The generator has an insulation monitoring device for added safety
- No grounding necessary during normal operation

Comfort

- Standard integrated robust wheels and handles facilitate transport
- Electric starter: easy starting with key



GV series: folding handles save space during transport and storage.



The GS12 power generator is a reliable source of power for a variety of applications.

Technical data

Generators

	Unit	GV 2500	GV 5000	GV 5003	GV 7000	GV 7003	GS 12
Output current	A for 1~ A for 3~	10 –	17.8 –	25.1 8.0	14.1 –	14.1 10.8	17.1 27.1
Output frequency	Hz	50	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 -	0.9 0.8	1.0 0.8
Unit Continuous Power (COP)	kW for 1~ kW for 3~	2.1 –	3.9 –	3.2 4.2	5.0 –	3.2 5.7	6.0 12.0
Var. gen. continuous (prime) power output (PRP)	kW	2.1	3.9	4.3	5.2	5.6	9.4
Unit maximum power (MAX)	kW	2.9	4.6	5.1	7.0	7.0	13.4
Main fuse	A	12.1	20.1	10.3	25.1	10.3	16
Available voltages	V for 1~ V for 3~	230 –	230 –	230 400	230 –	230 400	230 400
Outlets model	–	2x Schuko 230V, 16A	2x Schuko 230V, 16A	1x Schuko 230V, 16A 1x 1~CEE 3P, 230V, 16A 1x 3~ CEE 4P, 400V, 16 A	1x Schuko 230V, 16A 1x 1~CEE 3P, 230V, 32 A	1x Schuko 230V, 16A 1x 1~CEE 3P, 230V, 16A, 1x 3~CEE 4P, 400V, 16A	2x Schuko 230V, 16A 1xCEE, 230V, 16A 1xCEE, 400V, 16A
Power outlets	Number	2	2	3	2	3	4
Tank capacity	l	11.0	11.0	11.0	11.0	11.0	24.0

Overview of electric power consumers

Concrete technology

	Voltage Frequency (V/Hz)	Input cur- rent (A)	Type	Power out- put (VA)	GV 2500	GV 5000	GV 5003	GV 7000	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	●	●	●	●	●	●	●

AC pumps

	Voltage Frequency (V/Hz)	Input cur- rent (A)	Type	Power out- put (VA)	GV 2500	GV 5000	GV 5003	GV 7000	GV 7003	G 7	GS 12
400W	230/50	–	ind.	600*	●	●	●	●	●	●	●
500W	230/50	–	ind.	670*	●	●	●	●	●	●	●
750W	230/50	–	ind.	1,450*	●	●	●	●	●	●	●

Three-phase pumps

	Voltage Frequency (V/Hz)	Input cur- rent (A)	Type	Power out- put (VA)	GV 2500	GV 5000	GV 5003	GV 7000	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 heaters

	Voltage Frequency (V/Hz)	Input cur- rent (A)	Type	Power out- put (VA)	GV 2500	GV 5000	GV 5003	GV 7000	GV 7003	G 7	GS 12
Fan heater (3 kW)	230/50	–	ind.	3,000	●	●	●	●	●	●	●

Gas/oil heater and dehumidifier

	Voltage Frequency (V/Hz)	Input cur- rent (A)	Type	Power out- put (VA)	GV 2500	GV 5000	GV 5003	GV 7000	GV 7003	G 7	GS 12
Gas space heaters	230/50	–	–	–	●	●	●	●	●	●	●
Oil-fired space heaters	230/50	–	–	–	●	●	●	●	●	●	●

Lighting

	Voltage Frequency (V/Hz)	Input cur- rent (A)	Type	Power out- put (VA)	GV 2500	GV 5000	GV 5003	GV 7000	GV 7003	G 7	GS 12
HQI light balloon	230/50	–	–	–	○	●	●	●	●	●	●
Halogen light balloon	230/50	–	ohm.	500–2,000	●	●	●	●	●	●	●

● suitable ○ suitable with restrictions – not suitable ind. Inductive ohm. Ohmic
* Full load/start ** Use only permitted with additional personal protection switch

Wacker Neuson – all it takes.



Concrete technology



Vibratory rammer



Vibratory plates



Rollers



Demolition technology



Generators



Lighting



Pumps



Excavators



Wheel loaders



Telehandlers



Dumpers



Financial solutions



Repair & maintenance



Academy



EquipCare & EquipCare Pro



Rental



Concrete specialists



eStore



Spare parts



Pre-owned machines



ConcreTec

