

Demolition technology



**WACKER
NEUSON**



These reasons speak for the demolition technology of Wacker Neuson.

1. Guaranteed "breaker" expertise – where quality meets variety.

You will master every challenge in your everyday work life with our varied product range of gasoline and large electric demolition breakers. Our models impress with their impact power and energy as well as through their excellent bucket digging force, quality and durability.

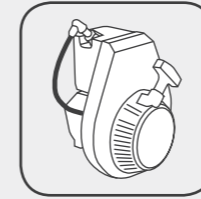
2. Maximum durability – for the most stringent demands.

The requirements in demolition technology are high – you need equipment here that can withstand the most diverse and toughest loads. You rely on sturdy and durable companions with the floor saws and gasoline cut-off saws from Wacker Neuson.

3. Coordinated product range – tailor-made for your needs.

Demolition technology is a complex working area – one project here hardly resembles another. That is exactly why our product range offers you a variety of demolition breakers, gasoline cut-off saws and floor saws. Choose between a variety of different breakers with different power to weight ratios or different cutting sizes and always select just the right performance that you need!

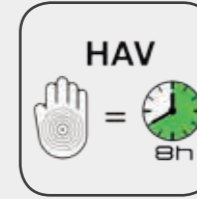
Demolition expertise to the last detail.



Two-cycle engine from our own design and development

The WM 80 from Wacker Neuson was designed and developed specifically for our gasoline demolition breakers and is precisely matched to their percussion system.

More on this on page 4.



Low hand-arm vibrations (HAV)

Our cutting machines and demolition breakers can be used for eight hours without interruption due to the low hand-arm vibrations (HAV) below 5 m/s².

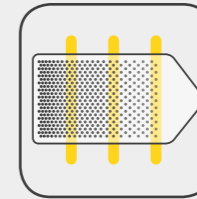
Read more on pages 4-11.



EH 100: Optimum replacement for the traditional pneumatic breaker

Economical and practical, flexible and fast – and all of this without a compressor and bothersome air hoses: Pneumatic breakers have become outdated thanks to the high single stroke impact energy of the EH 100.

You can find all of the details on page 7.



Market leader: 3-stage air cleaner design

The best air cleaner on the market: You will save time and money with the three-stage air cleaner system of our gasoline cut-off saws.

Learn more on page 11.



Wacker Neuson distinguishes particularly economical and environmentally-friendly products with the ECO seal. Among these are the EH 75, the EH 100, the BH 55 and the BH 65.

All demolition technology products in an overview.



BH55

Single stroke impact energy:

55 joules

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BH65

65 joules



EH50

50 joules

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EF75

75 joules



EH100

100 joules

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BFS735

Blade diameter:

350 mm

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BFS940

400 mm



BFS1345

450 mm

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BFS1350

500 mm



BTS635s

350 mm

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Gasoline demolition breakers

Powerful in application, good for the environment: The gasoline demolition breakers from Wacker Neuson are your unequalled companions in demanding everyday life at the construction site and convince with an optimally coordinated percussion system.

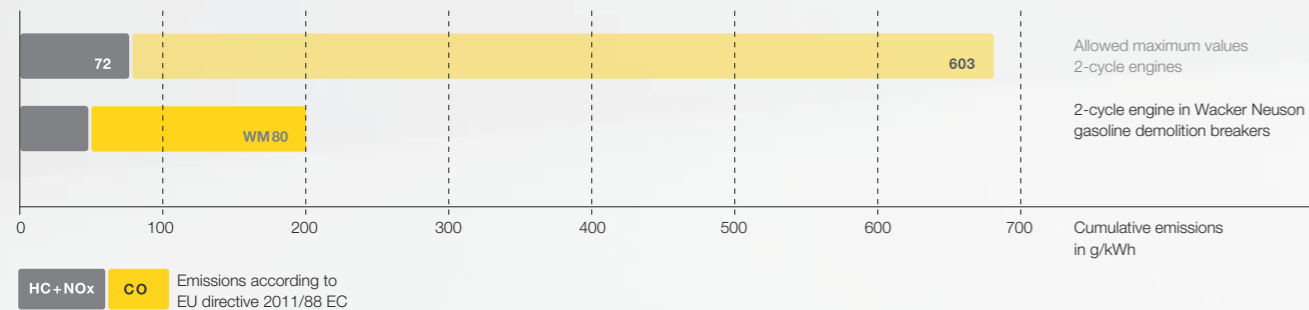
- High single stroke impact energy through percussion system optimally tailored to the engine
- Economical and low-emission Wacker Neuson engine from our own design and development
- First class engine cooling for more enjoyable work with lower engine temperatures
- Simple percussion system maintenance on the job site with a small grease press over the central zerker fitting
- Low hand-arm vibrations (HAV) provide for comfortable work
- Tool holders for all common tools

	BH55	BH65
Single stroke impact energy	55 J	65 J
Percussion rate	1,300	1,250
Weight	24 kg	25 kg



Powerful. Reliable. Environmentally friendly.

The extremely lightweight and low-emission WM 80-engine 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 for the future.



Reliable performance in professional applications.

The all-rounder for daily applications with a high single stroke impact energy and good power to weight ratio.



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



Quick and easy refueling without leakage.



Well-balanced for easy handling.



Integrated starting aid for reliable starting behavior.

Electric breakers

Work completely free of emissions – with the economical alternative to comparable pneumatic breakers: The electric demolition breakers from Wacker Neuson score with their optimal handling and a demolition performance that can be seen.

- Good vibration damping for low hand-arm-vibrations* (EH 50 with 4.6 m/s² and EH 75 with 4.8 m/s²)
- Intelligent full hood spring mounting for comfortable work
- The motor of the EH 75 is maintenance-free and is unmatched in its long-lasting service life
- Good accessibility of all elements
- The integrated inverter compensates for voltage fluctuations and protects against peaks and drops in the mains supply
- Tool holders for all common tools

	EH50	EH75
Single stroke impact energy	50 J	75 J
Percussion rate	1,300	1,300
Weight	22 kg	25 kg

EH100

Clearly superior to the pneumatic breaker

- Simpler handling due to the lack of air hoses
- Can be operated without a compressor, which leads to fewer overall costs compared to pneumatic breakers with compressors
- Significantly lower energy costs

- Only large electric breaker in the 30-kg class with full hood spring mounting and low hand-arm vibrations* of 4.8 m/s²
- Significantly lighter than comparable pneumatic breakers with its weight of 32 kg
- Very economical thanks to wear resistant engine, hollow-piston percussion system and integrated inverter
- Very high demolition performance



High performance with a low weight thanks to the percussion system guide cylinder made of aluminum.

Extremely high demolition performance thanks to shock wave-optimized percussion system.

THE efficient alternative to the pneumatic breaker with a compressor!

	EH100
Single stroke impact energy	100 J
Percussion rate	1,000
Weight	32 kg

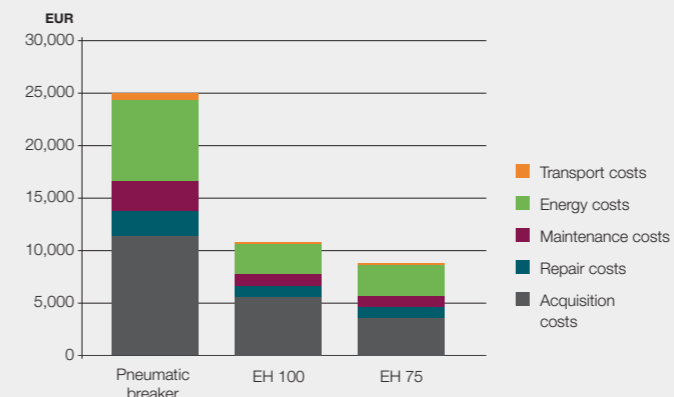
* The hand-arm vibrations (HAV) are therefore below the threshold of 5 m/s², which allows for a continuous use of up to eight hours a day. (According to EU directive EU 2002/44/EC)

50% longer service intervals thanks to the very long re-greasing interval of the percussion system.



Optimal complete system: Our GV generators are the perfect supplement for any application.

Convincing in the cost comparison.



Superior economic efficiency.



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!

- Low hand-arm vibrations (HAV) below 5 m/s^{2*}
- Easy to maneuver with simultaneous stability in the cut
- 20% faster than comparable equipment, thanks to the highest cutting speed with a quiet operation and first-class cutting performance
- Bilateral watering of the cutting blades for a long service life
- Infinitely adjustable cutting depth
- First-class quality of the materials used
- Low weight: the lightest in its class!

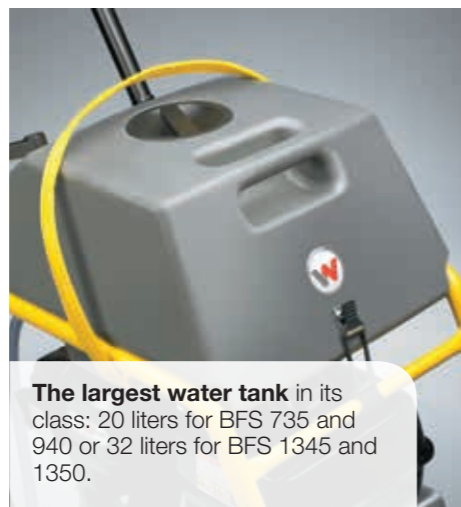
Extremely low-maintenance
due to lifetime-lubricated bearings!



* 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 liters for BFS 735 and 940 or 32 liters for BFS 1345 and 1350.



The optionally available handle grip facilitates transport of the equipment.



Wide wheelbase with large tires for a stable driving position.



Reliable in application: The high strength framework provides for a high level of directional stability.

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 application.

- Minimized air cleaner service: 3-stage air cleaner system ensures the highest service life on the market
- Durable design with low wear
- Engine with strong torque for a high cutting performance
- Low hand-arm vibrations (HAV) below 5 m/s²*
- The best concept in its class: optimal balance for convenient operation

Work dust free with a large pressurized water tank.



LONGEST
AIR
CLEANER SERVICE LIFE
ON THE MARKET!

BTS635s

Quickly ready for operation if shorter cuts need to be made quickly or if work processes should not be held up for long.

* 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)



Short cuts can be made in no time with the guide cart.



Less tiring and ready to use faster thanks to the soft start.

Efficient 3-level 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 rids the intake air from dirt particles. Only then does the pre-cleaned air reach the main filter [3].



1 Cyclonic filter



2 Prefilter



3 Main filter

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 3 performance categories.

The right blade for any application



12 mm segment height
Optimal for powerful machines in daily application due to the extremely high cutting performance and a very good service life.



10 mm segment height
Excellent cutting quality and a very solid service life: the best choice for frequent use.



8 mm segment height
Ideal for occasional use – with a neat cutting performance and service life.



You can find the entire product range at www.wackerneuson.com/blades



Chisel product range

Regardless of whether you are using a flat or bolster chisel: You are ideally equipped for any application with our unique selection of chisels for all tool holders and in various effective lengths!



The right chisel for any breaker: For our unique selection of chisels, we also rely on first-class quality from our production location in Germany. You can find additional information at www.wackerneuson.com/breakers



First-class cutting with diamond blades ideally tailored to the floor saws.



4-star quality provides for optimal results for short cuts in asphalt.



Short cuts in concrete are successfully made with the diamond blades.



Excellently equipped with the right chisel length and tip for any demolition.

Chisel product range with five 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.



27 x 80 mm



25 x 108 mm



28 x 152 mm



28 x 160 mm



32 x 160 mm

Technical data

GASOLINE DEMOLITION BREAKERS	Tool shank	Lx W x H (without tool)	Weight (without tool)	Percussion rate	Single stroke impact energy	Drive	Engine manufac- turer	Model	Displacement	Rated power output	at rpm	Gasoline / oil mixture	Tank capacity (fuel)	Fuel consumption
	mm	mm	kg	1/min	J				cm ³	kW	1/min		l	
	BH55	Ø 27 x 80	777 x 492 x 346	24.0	1,300	55	Air-cooled, single cylinder, two-cycle gasoline engine with- out catalytic converter	Wacker Neuson	WM 80	80	1.6	4,250	50:1	1.8
hex 25 x 108		777 x 492 x 346	24.0	1,300	55	WM 80			80	1.6	4,250	50:1	1.8	0.9
hex 28 x 152		833 x 492 x 346	25.0	1,300	55	WM 80			80	1.6	4,250	50:1	1.8	0.9
hex 28 x 160		833 x 492 x 346	25.0	1,300	55	WM 80			80	1.6	4,250	50:1	1.8	0.9
BH65	Ø 27 x 80	848 x 492 x 346	25.0	1,250	65	Air-cooled, single cylinder, two-cycle gasoline engine with catalytic converter	Wacker Neuson	WM 80	80	1.6	4,100	50:1	1.8	0.9
	hex 25 x 108	858 x 492 x 346	25.0	1,250	65			WM 80	80	1.6	4,100	50:1	1.8	0.9
	hex 28 x 152	905 x 492 x 346	26.0	1,250	65			WM 80	80	1.6	4,100	50:1	1.8	0.9
	hex 28 x 160	905 x 492 x 346	26.0	1,250	65			WM 80	80	1.6	4,100	50:1	1.8	0.9
	hex 32 x 160	905 x 492 x 346	26.0	1,250	65			WM 80	80	1.6	4,100	50:1	1.8	0.9

ELECTRIC BREAKERS	Tool shank	Lx W x H (without tool)	Weight (without tool)	Percussion rate (adjustable)	Single stroke impact energy	Drive	Voltage	Frequency	Current	Performance kW	Percussion system
	mm	mm	kg	1/min	J		V	Hz	A	kW	
	EH50	Ø 27 x 80	785 x 554 x 246	22	1,300	50	Double insulated universal motor	230 1~	50 / 60	10.8	2.2
hex 25 x 108		785 x 554 x 246	22	1,300	50	230 1~		50 / 60	10.8	2.2	Pneumatic spring percussion system
hex 28 x 152		785 x 554 x 246	22	1,300	50	230 1~		50 / 60	10.8	2.2	Pneumatic spring percussion system
hex 28 x 160		785 x 554 x 246	22	1,300	50	230 1~		50 / 60	10.8	2.2	Pneumatic spring percussion system
EH75	Ø 27 x 80	850 x 590 x 238	25	1,300	75	Three-phase current, asynchronous motor connected in series with a fre- quency converter for alternat- ing current double insulated	230 1~	50	15.3	2.5	Pneumatic spring percussion system
	hex 25 x 108	850 x 590 x 238	25	1,300	75		230 1~	50	15.3	2.5	Pneumatic spring percussion system
	hex 28 x 152	906 x 590 x 238	26	1,300	75		230 1~	50	15.3	2.5	Pneumatic spring percussion system
	hex 28 x 160	906 x 590 x 238	26	1,300	75		230 1~	50	15.3	2.5	Pneumatic spring percussion system
	hex 32 x 160	906 x 590 x 238	26	1,300	75		230 1~	50	15.3	2.5	Pneumatic spring percussion system
EH100	hex 28 x 152	925 x 495 x 314	32	1,000	100		230 1~	50	14.6	3.36	Pneumatic spring percussion system
	hex 28 x 160	925 x 495 x 314	32	1,000	100		230 1~	50	14.6	3.36	Pneumatic spring percussion system
	hex 32 x 160	925 x 495 x 314	32	1,000	100		230 1~	50	14.6	3.36	Pneumatic spring percussion system

FLOOR SAWS	Lx W x H (handle in transport position)	Weight	Blade diameter	Blade arbor	Max. cutting depth	Nominal speed of the blade	Peripheral speed		Peripheral speed		Tank capacity (water)	Engine	Manufacturer	Model	Displacement	Performance at 3,600/min	Fuel type	Max. fuel consumption	Tank capacity (fuel)
	mm	kg	mm	mm	mm	1/min	with Ø 350 mm	with Ø 400 mm	with Ø 450 mm	with Ø 500 mm	l				cm ³	kW		l/h	l
	BFS735	746 x 488 x 857	69	350	25.4	120	2,500	46.0	-	-	-	20	Air-cooled, single cylinder, four-cycle gasoline engine with low oil level shutdown	Honda	GX 200	196	3.7	Regular grade gasoline	1.7
BFS940	826 x 568 x 981	86	350-400	25.4	145	2,200	40.3	46.1	-	-	32		Honda	GX 270	270	6.3	Regular grade gasoline	3.0	5.3
BFS1345	801 x 568 x 981	94	350-450	25.4	170	2,200	40.3	46.1	51.8	-	32		Honda	GX 390	389	8.7	Regular grade gasoline	4.3	6.1
BFS1350	826 x 568 x 981	93	350-500	25.4	195	2,200	40.3	46.1	51.8	57.6	32		Honda	GX 390	389	8.7	Regular grade gasoline	4.3	6.1

GASOLINE CUT-OFF SAW	Lx W x H	Weight	Max. blade diameter	Min. blade diameter	Max. cutting width	Blade arbor	Max. blade RPM	Max. cutting depth	Type of engine	Displacement	Performance	Fuel consumption	Tank capacity (fuel)	Fuel gasoline/oil mixing ratio
	mm	kg	mm	mm	mm	mm	1/min	mm		cm ³	kW	l/h	l	Gasoline / two-cycle oil
	BTS635S	825 x 315 x 420	11.3	350	300	4.5	25.4	4,240	128	Single-cylinder, two-cycle Gasoline engine	85.8	4.3	2.3	1.1

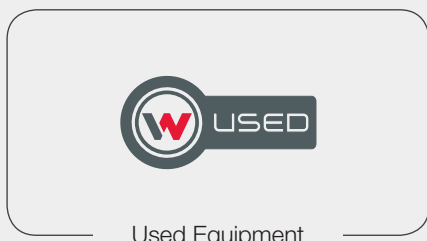
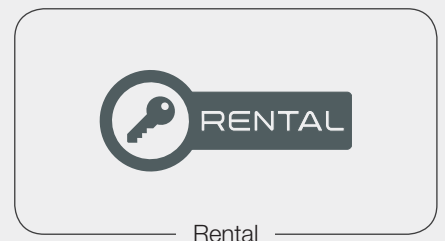
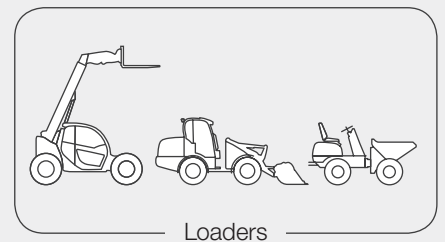
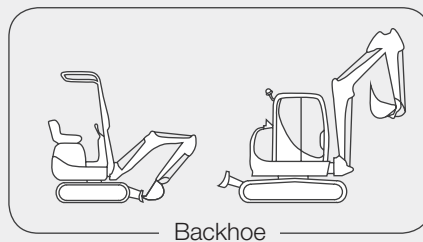
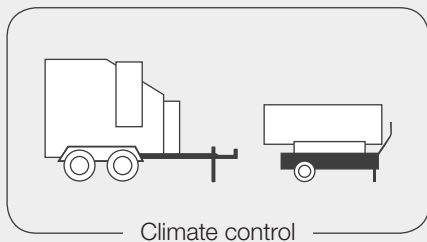
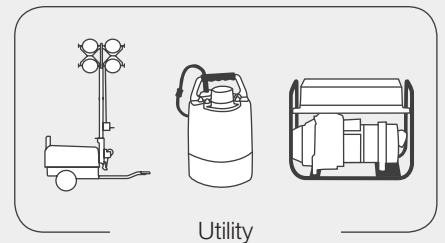
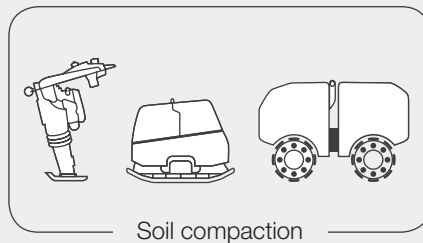
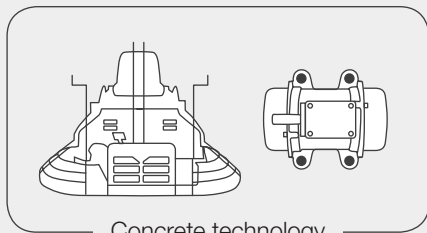
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Everything for your project.



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