

# Demolition technology



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



## These reasons speak for the demolition technology of Wacker Neuson.

### 1. Guaranteed "breaker" expertise – where quality meets diversity.

Master every challenge in your everyday workday with our varied product range of gasoline breakers. Our models impress with their impact power and energy as well as through their excellent breakaway force, quality and durability.

### 2. Maximum durability – for the most strenuous 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.

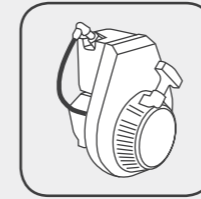
### 3. Coordinated product range – tailor-made for your needs.

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!

#### Wacker Neuson – all it takes!

We offer products and services rendered that meet your high requirements and diverse applications. Wacker Neuson stands for reliability. This of course also applies for our demolition breakers, cut-off and floor saws. We do our best every day to ensure your success. And we do this full of passion for our jobs.

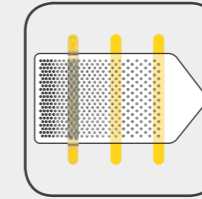
## Demolition expertise to the last detail.



### Two-stroke engine from our own design and development

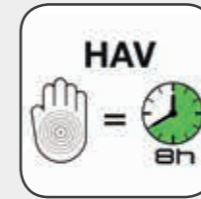
The WM80 from Wacker Neuson was designed and developed specifically for our gasoline breakers and is precisely matched to their percussion system.

Read more on page 4.



### Market leader: 3-stage air cleaner design

The best air filter 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 9.



### 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/s<sup>2</sup>.

Read more on pages 4-9.



Wacker Neuson distinguishes particularly economical and environmentally-friendly products with the ECO seal. These include the BH55 and BH65.

## All demolition technology products in an overview.



**BH55**



Single stroke impact energy: 55 joules



**BH65**



65 joules

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**BFS735**

Blade diameter: 350 mm



**BFS940**

400 mm

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**BFS1345**

450 mm



**BFS1350**

500 mm

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**BTS635s**

350 mm

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# Gasoline breakers

Powerful in application, good for the environment: the gasoline breakers from Wacker Neuson are your powerful companions in demanding jobsite applications and also impress through a high level of operating comfort.

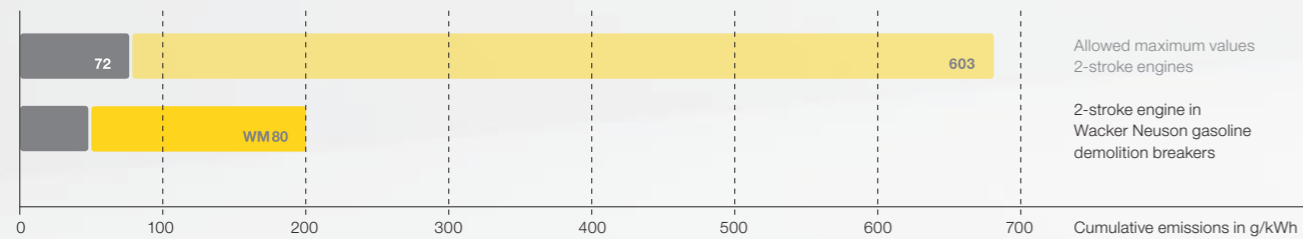
- High single stroke impact energy through percussion system optimally tailored to the engine
- Full hood spring mounting allows for operation near to the body
- Economical and low-emission Wacker Neuson engine from our own design and development
- First class engine cooling for more enjoyable work with lower engine temperatures
- Simple percussion system maintenance on the construction site with a small grease press over the central zerker fitting
- Low hand-arm vibrations (HAV) provide for comfortable work
- Tool holding fixtures for all widely-used tool shanks

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



## Powerful. Reliable. Environmentally friendly.

The extremely lightweight and low-emission WM80-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.



HC+NOx CO Emissions according to EC directive 2011/88 EC



**55 Joule**  
**24 kg**

**65 Joule**  
**25 kg**



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



**Quick and easy refueling** without leakage.



**Well-balanced** for easy handling.



**Integrated starting aid** for reliable starting behavior.

# 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<sup>2</sup>
- 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 installed materials
- 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/s<sup>2</sup>, 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 for BFS735 and 940 or 32 l for BFS1345 and 1350.



**The optionally available handle** lightens the transport of the unit.



**Wide wheelbase with large tires** for a stable travel position.



**Reliable in application:** the heavy-duty frame 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 to use.

- Minimized air cleaner (filter) 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/s<sup>2</sup>
- The best concept in its class: optimal balance for convenient operation

**Work dust free** with a large pressurized water tank.



**Longest** air filter 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/s<sup>2</sup>, 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 faster to use thanks to the Soft Start.

**Efficient 3-stage air filter 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] 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](http://www.wackerneuson.com/blades)

## Chisel product range

Regardless of whether you are using a moil point, 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!



27 x 80 mm | 25 x 108 mm | 28 x 152 mm | 28 x 160 mm | 32 x 160 mm

### Chisel product range with five tool shanks:

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.

**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](http://www.wackerneuson.com/breakers)

## Technical data

SPECIFICATION	UNIT	BH55				BH65						
		Ø 27x80	hex 25x108	hex 28x152	hex 28x160	Ø 27x80	hex 25x108	hex 28x152	hex 28x160	hex 32x160		
<b>Tool holding fixture</b>	mm	Ø 27x80	hex 25x108	hex 28x152	hex 28x160	Ø 27x80	hex 25x108	hex 28x152	hex 28x160	hex 32x160		
<b>LxWxH (without tool)</b>	mm	777x492x346			833x492x346		848x492x346		858x492x346		905x492x346	
<b>Weight (without tool)</b>	kg	24.0	24.0	25.0	25.0	25.0	25.0	26.0	26.0	26.0		
<b>Percussion rate</b>	rpm	1,300	1,300	1,300	1,300	1,250	1,250	1,250	1,250	1,250		
<b>Single stroke impact energy</b>	J	55	55	55	55	65	65	65	65	65		
<b>Drive system</b>	-	Air-cooled, single cylinder, two-stroke gasoline engine without catalytic converter					Air-cooled, single cylinder, two-stroke gasoline engine with catalytic converter					
<b>Drive manufacturer</b>	-	Wacker Neuson					Wacker Neuson					
<b>Model</b>	-	WM80					WM80					
<b>Displacement</b>	cm <sup>3</sup>	80	80	80	80	80	80	80	80	80		
<b>Rated power output</b>	kW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6		
<b>At rpm</b>	rpm	4,250	4,250	4,250	4,250	4,100	4,100	4,100	4,100	4,100		
<b>Oil-gasoline mixture</b>	-	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50	1:50		
<b>Tank capacity (fuel)</b>	l	1.8	1.8	1.8	1.8	20	20	20	20	20		
<b>Fuel consumption</b>	-	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9		

SPECIFICATION	UNIT	BFS735	BFS940	BFS1345	BFS1350	BTS6355	
		<b>LxWxH (handle in transport position)</b>	mm	746x488x857	826x568x981	801x568x981	826x568x981
<b>Weight</b>	kg	69	86	93	94	11.3	
<b>Blade diameter</b>	mm	350	350-400	350-450	350-500	300-350	
<b>Blade arbor</b>	mm	25.4	25.4	25.4	25.4	25.4	
<b>Max. depth of cut</b>	mm	120	145	170	195	12.8	
<b>Max. width</b>	mm	-	-	-	-	4.5	
<b>Nominal speed of the blade</b>	rpm	2,500	2,200	2,200	2,200	max. 4,240	
<b>Peripheral speed (for Ø 350 mm)</b>	m/s	46.0	40.3	40.3	40.3	-	
<b>Peripheral speed (for Ø 400 mm)</b>	m/s	-	46.1	46.1	46.1	-	
<b>Peripheral speed (for Ø 450 mm)</b>	m/s	-	-	51.8	51.8	-	
<b>Peripheral speed (for Ø 500 mm)</b>	m/s	-	-	-	57.6	-	
<b>Tank capacity (water)</b>	l	20	32	32	32	-	
<b>Engine</b>	-	Air-cooled single-cylinder four-stroke gas engine with low-oil shutdown					Single-cylinder, two-stroke gasoline engine
<b>Manufacturer</b>	-	Honda					-
<b>Model</b>	-	GX 200	GX 270	GX 390	GX 390	-	
<b>Displacement</b>	cm <sup>3</sup>	196	270	389	389	85.8	
<b>Performance</b>	kW	3.7 for 3,600/min	6.3 for 3,600/min	8.7 for 3,600/min	8.7 for 3,600/min	4.3	
<b>Fuel type</b>	-	Regular grade gasoline					-
<b>Max. fuel consumption</b>	l/h	1.7	3.0	4.3	4.3	2.3	
<b>Tank capacity (fuel)</b>	l	3.1	5.3	6.1	6.1	1.1	
<b>Fuel mixing ratio (gasoline / two-cycle oil)</b>	-	-	-	-	-	1:50	

Subject to change without notice. Errors and omissions are reserved. The contractual agreement is expressly decisive.

The Wacker Neuson product range includes over 300 different product series with different variants. 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!

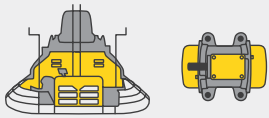
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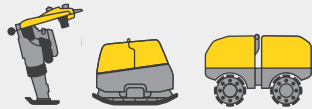
Your everyday work day is full of challenges. We have the right solutions and help you to be ahead of the competition.

We offer you everything you need for this purpose: **Wacker Neuson – all it takes!**

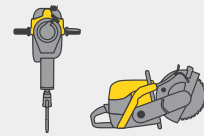
Products



Concrete technology



Compaction



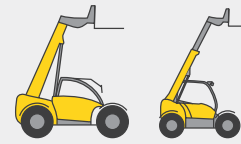
Demolition technology



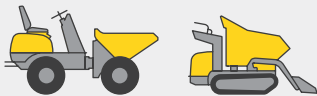
Excavators



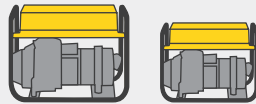
Wheel loaders



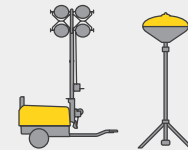
Telehandlers



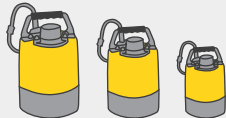
Dumpers



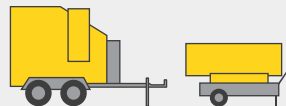
Generators



Lighting



Pumps



Heaters



Used equipment

Services



Financial solutions



Repair & maintenance



Academy



Rental



Telematics



The concrete specialists



eStore

Genuine parts



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