



**WACKER
NEUSON**
all it takes!

Compaction

Vibratory rammers, vibratory plates, and rollers



Your reliable solution provider

We offer customers worldwide a comprehensive product range of construction machines and equipment, spare parts and services. Since the beginnings of our company in 1848, the Wacker Neuson brand has stood for reliability and innovative strength. Companies in the main construction industry, gardening and landscaping, industry and municipalities, among other sectors, 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.

Experience more:
wackerneuson.com/services



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Battery-powered rammers.

With a battery-powered rammer working in poorly ventilated surroundings and trenches is not a problem because they do not cause any direct exhaust emissions. Additionally, our battery-powered rammers can be easily started with the push of a button – it doesn't get any easier. You need not sacrifice performance either because the battery-powered rammer provides the same level of performance as its gasoline-powered brother.

Performance

- The battery charge is sufficient for normal use during a full working day.

Efficiency

- Low energy costs and, as a result, high savings over the service life
- The Battery One battery can also be used for all other Wacker Neuson battery-powered equipment (see p.12)
- Battery can be replaced in just a few steps



AS50e



AS30e

AS60e

Environmental-friendliness

- The operator is not exposed to any exhaust emissions
- Battery-powered rammers can be used without restrictions in trenches, tunnels and interior spaces

Maintenance

- Thanks to the electric motor, no maintenance works are necessary



Healthier working, the operator is not exposed to direct exhaust emissions.



The battery-powered rammers save on noise and emissions, particularly in inner-city construction sites, and as a result, protect the construction site environment.



Starts with a push of a button - comfortable without a recoil starter and at any ambient temperature.

	AS30e	AS50e	AS60e
Ramming shoe size B (mm)	150	71	280
Operating weight (kg)	41.7	71	71
Stroke at ramming shoe (mm)	40	44	61
Max. percussion rate (rpm)	820	680	680
Type of drive	Electric motor	Electric motor	Electric motor

2-stroke rammers.

Vibratory rammers with 2-stroke engines are only available from Wacker Neuson. The powerful and specifically-developed engine WM80 is perfectly tailored to the requirement of rammers. For productive working and excellent results. For even more work comfort there is the Plus series.

Performance

- Optimized cold air flow for performance efficiency, even at high outside temperatures
- Four air filters for continuously high engine output

Efficiency

- Engine can be started without a problem, even after a side position
- Strong work performance as a result of long stroke, combined with high impact energy, high ramming frequency and fast traveling speed
- Sturdy engine developed specifically for rammer makes maintenance easy and saves costs on spare parts

Comfort

- Slim, compact design with optimal machine center of gravity makes maneuvering easier.
- Cushioned guide handle

Environmental-friendliness

- Very low CO emissions (carbon monoxide), as a result problem-free trench application

Transport

- Large, flexible lifting eye
- Roller kit on the handle for easy pushing onto the truck bed

2plus

Additional features for the Plus rammer.

Safety

- Oil tank lid is also available as a lockable version (accessories), prevents incorrect filling

Efficiency

- When idling, the engine automatically switches off after 10 minutes.

Maintenance

- Separate, extra-large oil tank
- 120 hours of running time with one oil filling. (Compared with 4-stroke rammers: Oil change every 100 hours.)

Quality

- Intelligent, electronic automatic low oil shutoff (2Plus vibratory rammer): Where the oil is low, the rammer will automatically shut off after a short time

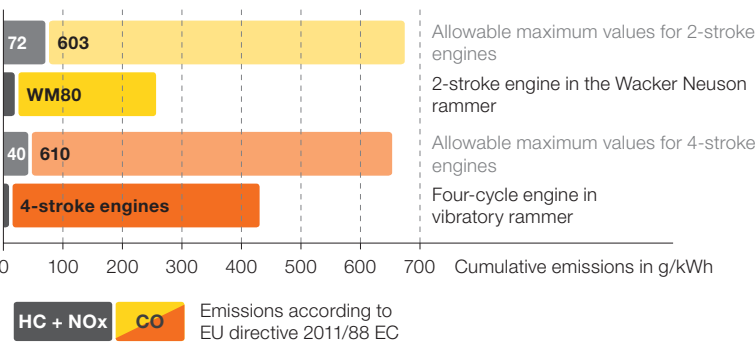


	BS30	BS50-2	BS60-2
Operating weight (kg)	32	56/59	66
	———— Mix lubricated models ————		

	BS50-2plus	BS60-2plus	BS70-2plus
Operating weight (kg)	56/59	66	74
	———— Separately lubricated models ————		



Clean working: a catalytic converter is installed as standard - only Wacker Neuson offers this.



Emission values of gasoline rammers



Refueling locked out: oil tank lockable (accessories).



Feed pump at the carburetor – for full and immediate power of the WM80.



BS30 – The specialist for narrow trenches and compaction around pipe branches.

4-stroke rammer.

The work performance of the 4-stroke rammer is characterized each day anew. Well thought-out functions make the use of the equipment even more comfortable, extend its service life, and reduce the maintenance to a minimum.

Performance

- The fourfold air cleaner system offers very reliable filter efficiency with high capacity and thus continuously high engine output

Comfort

- Just one lever for starting, idling, and stopping with an integrated fuel tap
- LED low oil warning indicator
- The specially spring-mounted guide handle reduces hand-arm vibrations (HAV)

Efficiency

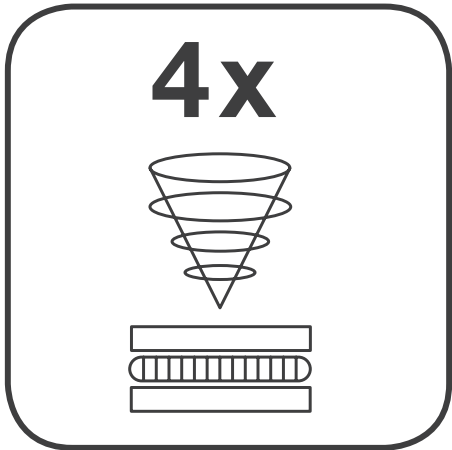
- The fast travel speed allows efficient working with high surface performance

Maintenance

- Honda is represented internationally as an engine manufacturer, therefore the spare parts are available quickly



Efficient operation thanks to a strong stroke and fast operating speed.



The quadruple air cleaner system (cyclone, paper filter and 2 foam air cleaners) offers very reliable filter efficiency with high capacity and thus continuously high engine output.

Diesel rammer.

The DS70 is a well-balanced machine with compact dimensions and low CO²-impact. As a result, it is also well suited for compaction work in trenches. The DS70 provides strong performance for the compaction of cohesive, mixed and coarse soils.

Comfort

- Just one lever for starting, idling, and stopping with an integrated fuel tap
- Very large tank for working free from interruption for long hours
- No second fuel necessitated on the construction site

Efficiency

- Through the high compaction performance, both time and money can be saved

Maintenance

- Combustion engine with the lowest CO²-emissions, therefore suitable for working in trenches



Exact unit guiding - important during compaction in border areas.

	BS50-4As	BS60-4As	BS70-4As	DS70
Operating weight (kg)	65	72	80	83
Type of drive	4-stroke engine			Diesel engine

Technical data.

	Unit	AS30e	AS50e	AS60e	BS30	BS50-2	BS60-2	BS70-2	BS50-2plus	BS60-2plus	BS70-2plus	BS50-4As	BS60-4As	BS70-4As	DS70
Length x width x height	mm	620x361x1,046	610x361x1,050	610x361x1,050	620x370x980	673x343x940	673x343x965	673x343x965	673x343x940	673x343x965	673x343x965	673x343x940	673x343x965	673x343x965	735x370x1,000
Ramming shoe size (W)	mm	150	280	280	150	165 280	280	280	165 280	280	280	280	280	280	280
Operating weight	kg	41.7	71	71	32	56 59	66	74	56 59	66	74	65	72	80	83
Stroke at ramming shoe	mm	40	44	61	42	64	65	65	64	65	65	61	81	65	75
Max. percussion rate	rpm	820	680	680	820	700	700	700	700	700	700	680	680	680	670
Operating speed	m/min	–	11.4	12.1	–	7.9	9.8	8.9	7.9	9.8	8.9	7.1	8.8	7.0	13
Engine	–	Electric motor	Electric motor	Electric motor	Air-cooled single-cylinder 2-stroke gasoline engine			Air-cooled single-cylinder 2-stroke gasoline engine				Air-cooled single cylinder 4-stroke gasoline engine			Air-cooled, single cylinder, diesel engine
Engine manufacturer	–	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Wacker Neuson	Honda	Honda	Honda	Yanmar
Type of drive	–	Electric motor	Electric motor	Electric motor	WM80	WM80	WM80	WM80	WM80	WM80	WM80	GXR120	GXR120	GXR120	L48
Displacement	cm ³	–	–	–	80	80	80	80	80	80	80	120	120	120	211
Max. output (DIN ISO 3046)	kW	–	–	–	1.1	1.8	1.9	2.0	1.8	1.9	2.0	2.7	2.7	2.7	3.1
At revolutions per minute (rpm)	rpm	–	–	–	4,400	4,400	4,400	4,400	4,400	4,400	4,400	4,200	4,200	4,200	3,450
Fuel to oil ratio	–	–	–	–	50 : 1	100 : 1	100 : 1	100 : 1	120 : 1	120 : 1	120 : 1	–	–	–	–
Fuel consumption	l/h	–	–	–	0.9	1.2	1.2	1.3	1.0	1.2	1.3	0.9	0.9	0.9	0.9
Tank capacity (fuel)	l	–	–	–	2.2	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.0	4.2
Tank capacity (oil)	l	–	–	–	–	–	–	–	1.3	1.3	1.3	–	–	–	–
Range per battery charge (BOB10)	m	495	260	303	–	–	–	–	–	–	–	–	–	–	–
Range per battery charge (BOB14)	m	770	312	424	–	–	–	–	–	–	–	–	–	–	–

Technical data battery	Unit	BOB10	BOB14
Dimensions (Length x width x height)	mm	296 x 396 x 322	296 x 396 x 322
Operating weight	kg	9.3	9.6
Capacity	Ah	20	28
Energy content	Wh	1,008	1,425
Rated voltage	V	51	51

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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Oil.max, the premium oil from Wacker Neuson.

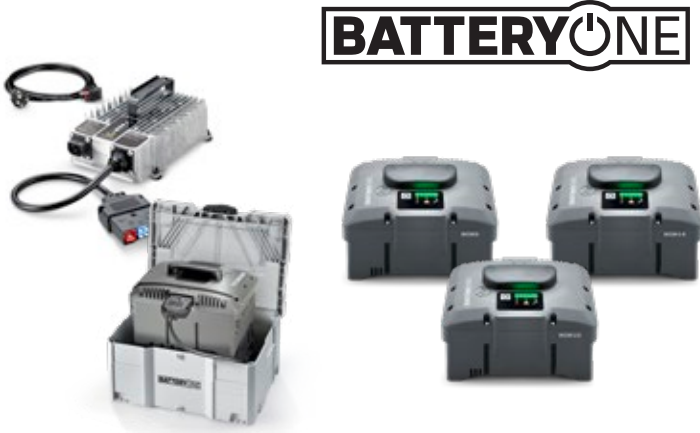
The high-quality, fully-synthetic 2-stroke oil prevents wear in a sustained manner. For a long life of your equipment.

Battery One - one battery for all people and purposes.

Three battery versions - BOB5, BOB10, BOB14

With the Battery One batteries, you can drive a variety of construction equipment - across manufacturers.

- Developed especially for hard application on a construction site
- Complete all the tasks of a typical workday with just one battery charge.
- Battery is changed without tools and in just a few easy steps



Charging and transport solutions

With the Battery One chargers, your battery is ready to use again in a short period of time. With the fast-charge charger, the charging time is even just max. 112 minutes.

Additionally, Battery One provides both practical transport and charging boxes from the Systainer brand.

	BOB5	BOB10	BOB14+
Installed capacity (Wh)	504	1,008	1,425
Weight (kg)	6.4	9.3	9.6
	BOC7	BOC13	
Charging current (A)	7	13	
Charging time (min) (BOB5/BOB10/BOB14)	90 / 160 / 255 Min.		50 / 95 / 140 Min.

Battery-powered, single direction vibratory plates.

The battery-powered, single-direction vibratory plates by Wacker Neuson work completely emission-free and are thus suited for many sensitive areas of application. These can do everything a normal vibratory plate can do: Compacting soils, vibrating paving stones and - with optional water tank - compacting asphalt.

Performance

- Battery charge is usually enough for the typical tasks of a full workday. Consistent performance across the whole discharge phase of the battery

Transport

- The guide handle can be folded together, which enables very compact transport and storage dimensions

Efficiency

- DireX: Unique direct drive without V-belt provides efficient performance and long battery running time
- Low energy costs through charging with power
- The Battery One battery can also be used for all other Wacker Neuson battery-powered equipment (see p.12)

BATTERYONE



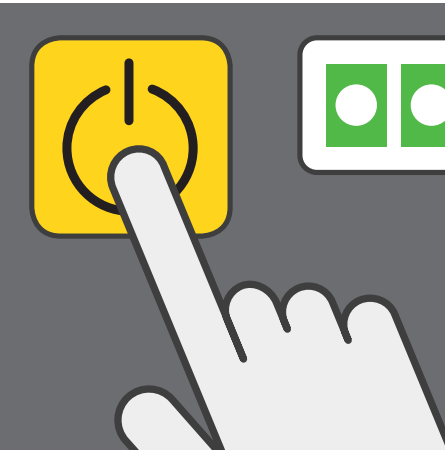
AP2560e



With its high speed and wide base plate, the AP2560e is ideal for compacting large paving stone areas.



No exhaust emissions, protects the operator and environment, and opens up new areas of application.



Starts with a push of a button - comfortable without a recoil starter and at any ambient temperature.

APS series.

The APS series is distinguished by its outstanding handling capabilities. The guide handle clearly reacts to steering movements with simultaneous best-possible reduction of the hand-arm-vibrations. Turning and steering movements are transferred very easily to the machine. Clean connections to curbs are easy to achieve as a result of the base plate's side profile. Versions available with and without rubber nose cap.

Maintenance

- Maintenance-free electric motor without V-belt

Comfort

- The battery can be removed without tools in just a few steps
- The low hand-arm vibration values ($< 5 \text{ m/s}^2$) enable comfortable work.

Quality

- Base plate made of extremely sturdy nodular cast iron and stable bearings for a long service life



APS1135e

	APS1030e	APS1135e	APS1340e
Operating weight (kg)	50 ¹	58 ¹	68 ¹
Range per battery charge BOB10 ² (m²)	500	546	624
Range per battery charge BOB14 ² (m²)	624	683	780

	APS1550e	APS2050e	AP2560e
Operating weight (kg)	77 ¹	87 ¹	143
Range per battery charge BOB10 ² (m²)	750	750	404
Range per battery charge BOB14 ² (m²)	938	938	566

¹ Water tank model plus 5 kg
² Depends on the soil and environmental influences

Single-direction vibratory plates.

These vibratory plates are at home on asphalt and soil. With the BPS and DPS series, you work not just comfortably, but also efficiently and economically. They are ideally suited to the processing of top and base layers. They have been designed for tough, long-term application on the construction site. Contributing to this are the engines equipped with large power reserves, and the maintenance-free and reliable exciter bearings. The easy to reach throttle lever and vibration damped guide handle offer a high degree of operating comfort.

Comfort

- Large lifting eye, usable as a guiding aid
- The guide handle clearly reacts to steering movements
- Low HAV for more working comfort
- If the wheel set is folded down, the guide handle locks automatically. Conversely, the guide handle is automatically unlocked when you fold up the wheel set.
- The paving pad is hung at the front in the base plate and tightened with nuts.

Quality

- Lifetime lubrication, maintenance-free bearings
- Wear-resistant base plate made of nodular cast iron (GJS 700)



The paving pad (accessories) protects sensitive paved surfaces when vibrating. With only two bolts, it can be quickly fastened to the machine.



The wheel set (accessories) can be mounted easily. When folded down, the guide handle is automatically locked, and when folded up, released again.

Transport

- Forward swiveling guide handle provides compact transport and storage dimensions
- Lifting handle at front of base plate is wide enough for two hands

Efficiency

- The water tank with hinged lid is fixed to the machine
- The large water tank (9 liters) with efficient sprinkling of the base plate, without wasting water, provides ability to work free of interruptions for a long time



	BPS1030	BPS1135	BPS1340	BPS1550	BPS2050
Operating weight ¹ (kg)	53	61	71	84	94
Centrifugal force (kN)	10	11	13	15	20
Engine	Gasoline engine, Honda GX120, Briggs & Stratton XR550			Honda GX160, Briggs & Stratton XR750	

1 Water tank model plus 5 kg

Single-direction vibratory plates.

The single-direction vibratory plates of the WP series get into every tight spot and are therefore well-suited to small spaces. They are extremely easy to move and particularly maneuverable. The vibratory plates of the WP series are the high-performance pros for the compaction of asphalt and mixed soils as well as vibrating interlocking paving stones.

WP series

Efficiency

- The high travel speed ensures high productivity.
- Sturdy construction for effective continuous use
- Sprinkler across whole width without wastage of water

Comfort

- Central attachment of the guide handle for effortless turning
- Water tank with hinged lid and large turning knob to control water volume



The large water tank fits almost 12l, therefore enabling long operations without needing to fill up.



The tubular frame with integrated lifting eyes can also be used laterally as a guide handle; ideal for compacting along edges.



Maintenance

- Particularly wear-resistant V-belt, protected from damage through housing. Easy retightening possible
- Service-life-lubricated ball bearings

Transport

- Wheel set available as accessory

Quality

- The durable protective frame protects the engine and water tank from damage
- The beveled edges of the base plate minimize the formation of stressed edges when turning the vibratory plate
- Base plate made of nodular cast iron (GJS700)
- Sturdy construction for continuous application, e.g. compaction of asphalt surfaces.



Low hand-arm vibration values (< 5 m/s²) for work comfort, even when using the WP1550 for longer periods.

	WP1540	WP1550
Power output (kN)	15	15
Weight (kg)	86–92	90–98
Type of engine	Gasoline engine	

Reversible vibratory plate with battery drive system.

The APU3050e is a technological milestone: Globally, it is the first reversible vibratory plate equipped with a direct drive without a V-belt, thus offering a high degree of efficiency when compacting, and is completely maintenance-free. The emission-free drive and the low overall height make it the ideal compaction unit for trench shoring.

Performance

- Constant power output over the entire battery running time

Quality

- All-round protection due to steel cover
- Battery developed by Wacker Neuson
- The vibratory plate is made of heavy-duty, wear resistant materials
- Base plate made of nodular cast iron (GJS700)

Comfort

- Starts with a push of a button
- Intuitive guide handle with variable adjustable speed and directional change simply by moving
- Stable, self-engaging center pole lock for fast and reliable transport safeguarding
- Low HAV (< 2.5 m/s²)



Environmental-friendliness

- As the machines are emission-free, new applications open up in areas with special requirements

Efficiency

- DireX: Unique direct drive without V-belt provides efficient performance and long battery running time
- Lowest overall height for application in trench shoring
- Battery can be replaced quickly and without any tools
- Lifting eye suitable for different lifting tackle
- Integrated wheel set

Maintenance

- Engine without V-belt mounted directly onto the base plate - no maintenance necessary



The switch has been made easily accessible on the center pole for the operator.



With one battery charge, the APU3050e compact up to 333 m² soil*.



Change the battery in just a few steps.

	APU3050e
Power output (kN)	30
Operating weight¹ (kg)	2012
Type of drive	Electric motor
Range per battery charge BOB10 (m²)	238
Range per battery charge BOB14 (m²)	333

* Depends on the soil and environmental influences.

Lightweight reversible vibratory plates.

More operating comfort due to the forward and reverse travel direction combined with a compact design – that is what the small reversible vibratory plates from Wacker Neuson offer you. A finely-tuned range provides the right model for every requirement.

Performance

- Beveled edges of the base plate minimize the formation of stressed edges when turning the vibratory plate

Efficiency

- Sturdy transport roller with a wide contact surface prevents tracks in fresh asphalt
- Sprinkler system for optimal water distribution across the entire width of the base plate

Quality

- Sturdy protective frame for engine and water tank
- Base plate made of high-quality nodular cast iron for easy turning on asphalt, without scarifying



	WPU 1550
Power output (kN)	15
Weight (kg)	90
Type of engine	Gasoline engine



Very easy to maneuver: thanks to the specially-shaped base plate of the WPU1550.



Perfect center pole attachment: self-locking and absolutely backlash-free.

DPU series

Efficiency

- Compact dimensions, high performance
- Integrated wheel set
- High surface performance and fast traveling speed
- ▪ Lifting eye can be folded; this enables the vibratory plate to attain compact dimensions and can be easily guided e.g. under low obstructions.
- Widths from 40 to 70 cm available

■ Maintenance

- Very good accessibility to all maintenance points

Comfort

- The center pole height is easily adjustable
- ▪ Intuitive guide handle with variable adjustable speed
- Electric starter is available as an option for the DPU3050, DPU3060, DPU3750 and DPU3760 models
- Integrated wheel set: maintenance-free and sturdy – even in the toughest conditions.

Quality

- The vibratory plate is made of heavy-duty, wear-resistant materials.
- Base plate made of nodular cast iron (GJS700)



Top-speed version: for high surface performance in laying paving stone.

	DPU 2540*	DPU 2550	DPU 2560	DPU 3050*	DPU 3060*	DPU 3070*	DPU 3750*	DPU 3760
Power output (kN)	25	25	25	30	30	30	37	37
Weight (kg)	145–160	166	171	181–206	190–215	195	247–265	274
Type of engine	————— Diesel engine —————							
* Models optionally also available with gasoline engine (BPU)								

Medium-weight reversible vibratory plates 300 – 600 kg.

The medium-weight reversible vibratory plates offer high productivity as a result of their high compaction force in combination with fast forward and reverse travel speeds. They are the all-rounders for all construction sites where high demands are placed on the performance efficiency of a unit. In addition, they have excellent characteristics in terms of long service life and operating comfort.

DPU series

Efficiency

- Compact dimensions, high performance
- High surface performance and fast traveling speed
- With an exciter frequency of 69 Hz, the vibratory plate is universally deployable for various construction processes.

Quality

- Base plate made of nodular cast iron (GJS700)
- The sturdy pipe frame offers all-around reliable protection of the engine.



Comfort

- Low HAV (< 2.5 m/s²)
- The center pole height is easily adjustable
- The sturdy, self-engaging center pole lock offers fast and reliable safeguarding for transport.
- Intuitive guide handle with variable adjustable speed

Maintenance

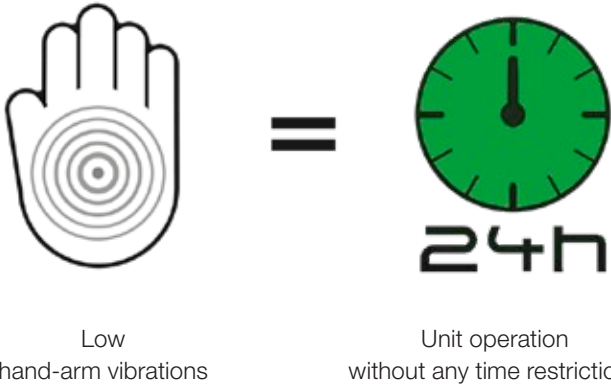
- Very good accessibility to all maintenance points
- If the battery is discharged, the machine can be jump-started very quickly via a removable pin.



Safe in every case: if the guide handle is released, the unit will only vibrate on the spot.



Compacec compaction display: it indicates when the maximum compaction has been achieved with a unit. Learn more at: www.wackerneuson.com/compacec



No documentation requirement: hand-arm vibrations (HAV) are below 2.5 m/s² thanks to the vibration-reduced center pole.

	DPU 4045	DPU 4545	DPU 5545*	DPU 6555
Power output (kN)	40	45	55	65
Weight (kg)	376	402–425	399–447	480–527
Type of engine	Diesel engine			

* Models optionally also available with gasoline engine (BPU)

Heavyweight reversible vibratory plates > 600 kg.

The heavyweight reversible vibratory plates offer an uncompromisingly strong compaction performance with compact dimensions and a high level of operating comfort. Therefore, they are the compaction machine of choice for demanding compaction work such as road construction. The water-cooled engine provides reliable high performance. The product range consists of high-performance, heavy-duty vibratory plates with centrifugal forces ranging from 80 to 110 kilonewtons.

Safety

- Lockable machine hood, this way, all important parts, e.g. ignition lock, operating panel, fuel tank, remote control, are protected from unauthorized access.
- Starter pin individually programmable

Efficiency

- High performance with compact dimensions
- The low machine height allows operation under lateral struts in trench shoring.
- The water-cooled engine offers reliable cooling even at high external temperatures

Maintenance

- The concept, consisting of a two-piece hood, protective frame and side panels, enables individual parts to be replaced very affordably if damaged
- The high capacity of the air filter ensures long maintenance intervals and saves in terms of cost and time



	DPU80	DPU90	DPU110
Power output (kN)	80	90	110
Weight (kg)	756/771	756/771	813/830
Operating width (mm)	670/770	670/770	870/970

Comfort

- Low HAV (< 2.5 m/s²)
- The engine can be conveniently started at the push of a button.
- Easy height-adjustable center pole
- Intuitive guide handle with variable adjustable speed
- The operating panel can be used in 12 languages.
- Large tank, one filling normally sufficient for one normal working day

Transport

- Large, easily accessible tie-downs and therefore less transport damage
- The sturdy, self-engaging center pole lock offers a very fast and reliable safeguard for transport

Quality

- The vibratory plate is made of heavy-duty, wear-resistant materials.
- The autostart ensures that the engine starts only at the optimum temperature



The Compamatic (accessories) connects Compatec compaction control with a telematics function. The compaction results of a machine can be tracked at any time from your desk in the EquipCare manager.



Compatec compaction control shows the operator when the best possible compaction has been achieved with this machine. This saves excess passes and time.



Strong performance for demanding compaction works in road construction.



Compamatic Heatmap for compaction control from the desk.

Heavyweight remote-controlled reversible vibratory plates DPUr > 700 kg.

Sturdy and compact in design, the remote-controlled vibratory plates offer the same high compaction performance as the models with a center pole. The convenient remote-control with two joysticks allows the operator to work away from vibrations, exhaust emissions and noise pollution. The innovative control unit simultaneously controls forward travel and rotational movement allowing the plate to be steered efficiently and precisely even on curves and around obstacles.

Transport

- Large, easily accessible tie-downs and therefore less transport damage

Maintenance

- The concept, consisting of a two-piece hood, protective frame and side panels, enables individual parts to be replaced very affordably if damaged
- The high capacity of the air filter ensures long maintenance intervals. This saves time and expense.

Efficiency

- Compamatic (optional) helps plan out construction site processes better, ensuring quality (see details on p. 26)
- The low machine height allows operation under lateral struts in trench shoring.
- The water-cooled engine offers reliable cooling even at high external temperatures

Quality

- Manufactured out of heavy-duty, wear resistant materials
- The autostart ensures that the engine starts only at the optimum temperature

Comfort

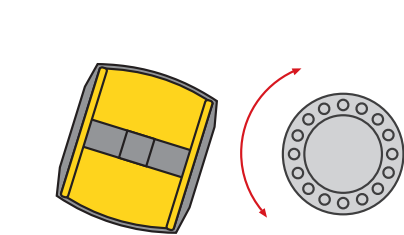
- The engine can be conveniently started at the push of a button
- The operating panel can be used in 12 languages.
- Large tank, one filling sufficient for 4 hours of continuous use

Safety

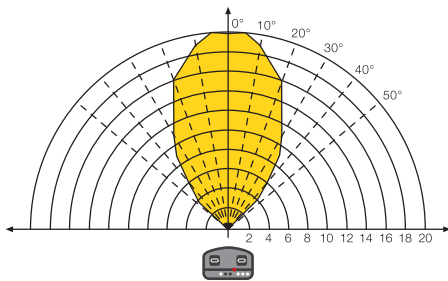
- Lockable machine hood, this way, all important parts, e.g. ignition lock, operating panel, fuel tank, remote control, are protected from unauthorized access
- Starter pin individually programmable
- Infra-red remote control with lots of safety features ensuring that the operator works away from noise and exhaust emissions



	DPU80r	DPU110r
Power output (kN)	80	110
Weight (kg)	709/724	793/810
Operating width (mm)	670/770	870/970



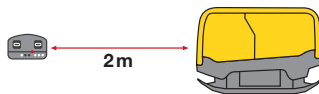
Direction change while traveling: for clean turning of curves and a high compaction performance.



Far-reaching control: A transmission field of up to 20 meters and an angle of 45° guarantee a high level of working comfort.



High level of safety: automatic stop if there is no clear line of sight between the operator and the compaction equipment.



Intelligent proximity recognition sensor: the machine stops automatically when the minimum safety distance between the operator and machine is less than 2 m.



DPU130r remote-controlled vibratory plate.

The DPU130r is the most powerful vibratory plate on the market. With a centrifugal force of 130 kN and a working width of 120 cm, it achieves the productivity of a 7-troller without any problems however, thanks to its low procurement and operating costs it is clearly more economical. Wacker Neuson developed this remote-controlled vibratory plate for practical and application-oriented use. This new design was immediately recognized with two innovation awards.

Performance

- The fully hydraulic, variable exciter adjustment allows the machine to be controlled very precisely.
- Changes in direction with simultaneous travel are possible, allowing for clean turns and a high surface performance

Efficiency

- Thanks to the extreme operating width, large areas can be compacted in a very short time.
- Achieves a higher compaction performance per hour than a 5-t roller
- Better depth effect of the vibratory plate makes the number of required passes lower than with a 7-t roller
- Causes significantly lower costs for acquisition, operation and maintenance than medium-weight rollers
- The divided base plate allows the machine to be controlled easily and precisely



Quality

- Autostart with pre-heat and warm-up phase
- Manufactured out of heavy-duty, wear resistant materials
- The base plate consists of nodular cast iron (GJS700)

Comfort

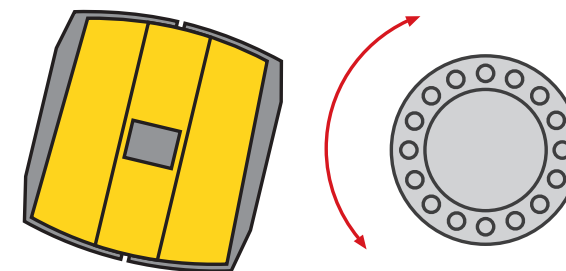
- Operating panel in 12 languages provides versatile comfort and diagnostic functions: Operating indicators, input of starter PIN and fault memory with 56 entries
- Between the upper and lower plate there is a large space through which the dirt and stones are moved outwards during operation



The best service access – simply fold open the cover.



A low loader is not necessary: the DPU130r only weighs 1,200 kg and can be transported on a truck bed.



Excellent steering: variable speed adjustment with simultaneous highest reaction speed.



High level of safety: trouble-free operation of up to three machines simultaneously.

Coupling set.

The coupling set is the ideal machine for crushed stone compaction in railway construction. It is light enough not to sink into the track bed and has a large operating width of three meters. The whole track bed can be compacted with a few passes. The remote control allows the operator to work outside of the danger area, standing away from dust, exhaust emissions and noise pollution. The three coupled DPU110 vibratory plates can also be uncoupled and, as a result, used and transported individually.

Efficiency

- Unique working width of 3 m for the compaction of large surfaces
- Modules of the coupling set can also be used individually
- The standard Compamatic helps plan out construction site processes better, ensuring quality (see details on p. 25)
- The water-cooled engine offers reliable cooling even at high external temperatures

Quality

- The vibratory plate is made of heavy-duty, wear-resistant materials.
- The autostart ensures that the engine starts only at the optimum temperature

Comfort

- Starts with the push of a button
- Operator's panel in 12 languages
- Large tank, one filling sufficient for 4 hours of continuous use



Safety

- Lockable machine hood can be locked, this way, all important parts, e.g. ignition lock, operating panel, fuel tank, remote control, are protected from unauthorized access
- Starter pin individually programmable
- Infra-red remote control with lots of safety features ensuring that the operator works away from noise and exhaust emissions

Transport

- Large, easily accessible tie-downs and therefore less transport damage

Maintenance

- The concept, consisting of a two-piece hood, protective frame and side panels, enables individual parts to be replaced very affordably if damaged
- The high capacity of the air filter ensures long maintenance intervals.
- Optimal accessibility to all maintenance points



Flexible lifting: the lifting beam can be used both for the 2-unit and for the 3-unit coupling set.



Stable coupling: quickly and reliably connected with a few screws.






Economical use of the machines – with coupling set or individually.



Extreme operating width of 3 m; with only one pass, a very broad surface can be compacted.



Accessories for vibratory plates.

			
	Water tank (liters)	Transport device	Paving pad
APS1030e, APS1135e, APS1340e, APS1550e, APS2050e	○ (8)	○	○
APS1030we, APS1135we, APS1340we, APS1550we, APS2050we	● (8)	○	○
AP2560e	–	○	○
APU3050e	–	●	○
BPS1030A, BPS1135A, BPS1340A	○ (8)	○	○
BPS1030Aw, BPS1135Aw, BPS1340Aw	● (8)	○	○
DPS2050H	○ (8)	○	○
DPS2050HW	● (8)	○	○
WP1550A	○ (12)	○	○
WP1550Aw	● (12)	○	○
WPU1550A	○ (12)	○	○
WPU1550Aw	● (12)	○	○

– not available ○ available ● integrated



Accessories for vibratory plates.

			
	Set of extension plates in various widths	Transport device	Paving pad
BPU2540A	–	●	○
DPU2540H	–	●	○
DPU2550H	–	●	○
DPU2560H/DPU2560Hts	–	●	○
BPU3050A	–	●	○
DPU3050H/DPU3050He	–	●	○
DPU3060H/DPU3060Hts	–	●	○
DPU3070H	–	●	○
DPU3750Hts/DPU3750Hets	–	●	○
DPU3760Hts/DPU3760Hets	–	●	○
DPU4045Ye	○	○	○
DPU4545H/DPU4545He/DPU4545Heap	○	○	○
BPU5545A	○	○	○
DPU5545H/DPU5545He/DPU5545Heap	○	○	○
DPU6555H/DPU6555He/DPU6555Hec	○	–	○
DPU80	–	–	–
DPU90	–	–	–
DPU110	–	–	–
DPU80r	–	–	–
DPU110r	–	–	–
DPU130r	–	–	–

– not available ○ available ● integrated



Technical data.

APS series

Specification	Unit	APS1030e	APS1135e	APS1340e	APS1550e	APS2050e
Weight	kg	50*	59*	68*	77*	87*
Centrifugal force	kN	10	11	13	15	20
Operating width	mm	300	350	400	500	500
Frequency	Hz	98	98	98	98	98
Drive		Electric motor				
Rated power at 3,600 rpm	kW	–	–	–	–	–
Range per battery charge (BOB10)	m²	500**	546**	624**	750**	750**
Range per battery charge (BOB14)	m²	624**	683**	780**	938**	938**

WP series

Specification	Unit	WP1540	WP1550
Weight	kg	86–92*	90–98*
Centrifugal force	kN	15	15
Operating width	mm	430	500
Frequency	Hz	98	98
Engine		Honda GX 160	
Rated power at 3,600 rpm	kW	3.6	3.6

BPU & DPU series 25–37 kN

Specification	Unit	BPU2540	DPU2540	DPU2550	DPU2560	BPU3050	DPU3050	DPU3060	DPU3070	BPU3750	DPU3750	DPU3760
Weight	kg	145	160	166	171	181	206	190–215*	195	247	265	274
Centrifugal force	kN	25	25	25	25	30	30	30	30	37	37	37
Operating width	mm	400	400	500	600	500	500	600	700	500	500	600
Vertical clearance	mm	666	736	736	736	777	777	777	777	777	777	–
Frequency	Hz	90	90	90	90	90	90	90	90	90	90	90
Engine		Honda GX 160	Hatz 1 B 20		Honda GX270		Hatz 1 B 30			Honda GX270	Hatz 1 B 30	
Rated power	kW	3.1 (at 2,840 rpm)	3.1 (at 2,800 rpm)	3.1 (at 2,800 rpm)	3.1 (at 2,800 rpm)	5.1 (at 3,600 rpm)	4.2 (at 2,800 rpm)	4.2 (at 2,800 rpm)	4.2 (at 2,800 rpm)	5.1 (at 3,600 rpm)	4.2 (at 2,800 rpm)	4.2 (at 2,800 rpm)
Options		–	–	–	Top Speed Version	–	Electric starter	Electric starter top speed version	–	–	Electric starter	Electric starter

BPU & DPU series 40–130 kN

Specification	Unit	DPU4045	DPU4545	BPU5545	DPU5545	DPU6555	DPU80	DPU90	DPU110	DPU80r	DPU110r	Coupling set	DPU130r
Weight	kg	374	376*	340	399–447*	480–527*	756–771*	756–771*	813–830*	709–724*	793–810*	2,616	1,170
Centrifugal force	kN	40	45	55	55	65	80	90	110	80	110	3 x 110	130
Operating width	mm	604	604	604	604/750	710 x 860	670/770	670/770	870/970	670/770	870/970	3,000	1,202
Vertical clearance	mm	764	764	725	790	861	830	830	830	830	830	830	996
Frequency	Hz	69	69	69	69	69	56	63	60	56	60	60	58
Engine		Yanmar L70V	Yanmar L70V	Honda GX390	Hatz 1 D 42S	Hatz 1 D 81S	Kohler 702		Kohler LDW 1003	Kohler LDW 702	Kohler LDW 1003	Kohler LDW 1003	Kohler KDW 1404
Rated power	kW	4.5 (at 3,000 rpm)	4.5 (at 3,000 rpm)	6.4 (at 2,600 rpm)	6.4 (at 2,850 rpm)	9.6 (at 2,800 rpm)	11 (at 3,600 rpm)	11.7 (at 3,600 rpm)	16 (at 3,600 rpm)	11 (at 3,600 rpm)	16 (at 3,600 rpm)	16 (at 3,600 rpm)	21 (at 2,700 rpm)
Options		Electric starter standard	Electric starter standard, operating hour meter	–	Electric starter, Compatec, operating hour meter, extra-wide extension plates	Electric starter, Compatec, operating hour meter, extra-wide extension plates, narrow protective cage	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter, as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter, as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter, as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter, as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter, as standard	Overload protection, Compatec incl. overload protection; with electric start and operating hours meter, as standard	With electric starter, operating hour meter and overload protection, as standard

– not available
* Weight depends on the additional options selected ** Depends on the soil and environmental influences

AP series

AP2560e
143*
25
600
98
Electric motor
–
530**
695**

APU series

APU3050e
212
30
500
90
Electric motor
–
238
333

BPS series

BPS1030	BPS1135	BPS1340	BPS1550	BPS2050
53*	61*	71*	84*	94*
10	11	13	15	20
300	350	400	500	500
98	98	98	98	98
Honda GX120, Briggs & Stratton XR550			Honda GX160, Briggs & Stratton XR750	
2.6	2.6	2.6	3.6	3.6
–	–	–	–	–
–	–	–	–	–

DPS series

DPS2050
115*
20
500
98
Hatz 1 B 20
3.4
–
–

WPU series

Specification	Unit	WPU1550
Weight	kg	89–96*
Centrifugal force	kN	15
Operating width	mm	498
Frequency	Hz	98
Engine		Honda GX 160
Rated power at 3,600 rpm	kW	3.6

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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Trench roller RTLx-SC3.

The RT trench roller with the infra-red remote-control SC3 provides tried and tested compaction results with safe operation. The intelligent control works with an infrared signal with sightline control. The articulated trench roller with sheepfoot (cleated) drums has assigned exciters under the axle of each of the drums for the efficient transfer of compaction energy to the ground and as a result, excellent compaction results. The compaction of excavated material and subbases of foundations, roads and car parks is a specialty of the RT.

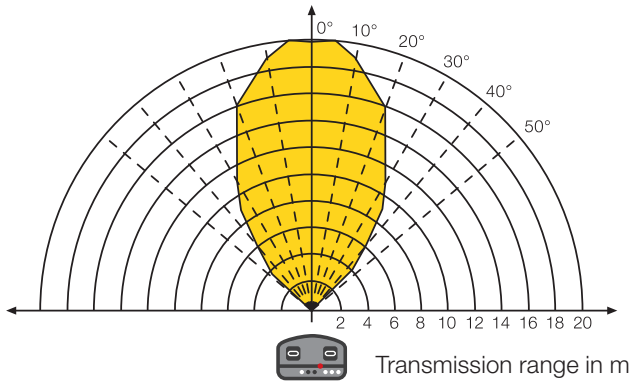
Efficiency

- Low center of gravity as a result of the exciter positioning under the axle.
- Two-piece drums enable a comfortable conversion from 82 cm to 56 cm drum width
- A patented third infrared receiver eye on the upper side of the trench roller prevents loss of signal
- Articulated joint ensures an internal turning radius of only 1.6 meters
- Selection between higher and lower compaction force with the infra-red remote control

Maintenance

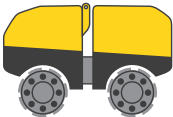
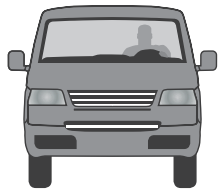
- The exciter and drive systems, lubricated for life, are free from maintenance
- All other machine components are easily accessible thanks to the wide-opening hood
- LED ring: Informs the operator of the operating and functional status of the machine
- Maintainable remote control box
- On-board-display shows all important service information

RTSC3



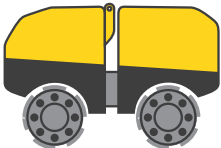
Far-reaching control:

A transmission field of up to 20 meters and an angle of 45 degrees guarantee a high level of working comfort.



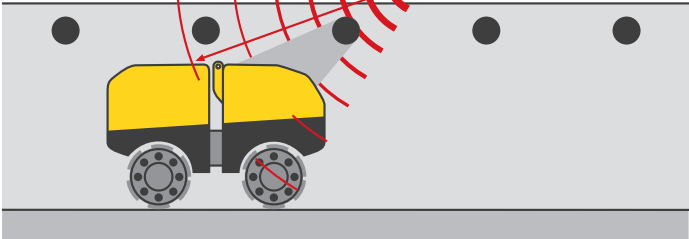
High level of safety:

It automatically stops if there is no clear line of sight between the operator and the compaction equipment.



Intelligent proximity recognition sensor:

It stops automatically if a minimum safety distance between the operator and machine of less than two meters is reached.



Additional 3rd infra-red contact point prevents loss of signal:

The location of the 3rd point of contact on the top side of the machine guarantees a permanent connection between the remote control and roller.

Safety

- Through the remote control, the operator is also removed from danger when compacting in trenches
- Protection from tipping over: Lock-mode shuts the machine off if the operating angle exceeds 45° from side to side

Hand-guided tandem rollers RD7.

The hand-guided double-drum vibratory roller, RD7, supplies excellent performance in both soil and asphalt compaction - thanks to the optimally matched frequency and two vibration levels. As a result, the roller is characterized by its ergonomically arranged operator controls, such as, the engine rpm adjuster attached to the center pole.

Efficiency

- All operating elements can be found directly on the guide handle
- Speed adjustment for engine with three positions (off, idle, full-throttle) directly on the center pole
- Two vibration levels for different subbases
- The variable protective cage concept gives you the greatest possible flexibility

Comfort

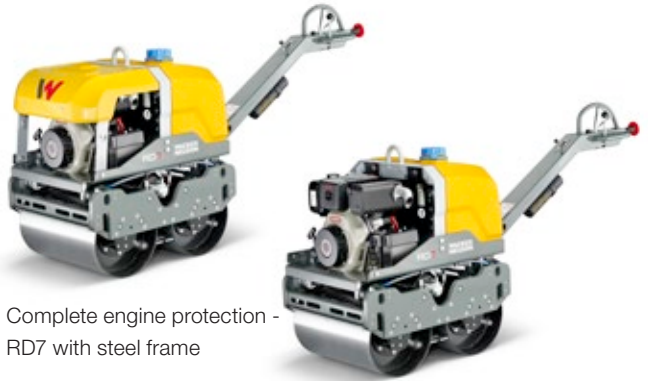
- Ergonomic handle and travel lever with grip molding
- Vibration-damped center pole with lowest HAV on the market (< 2.5 m/s²)

Maintenance

- Simple access to all service points without tools
- Good visibility of fill levels



Long center pole makes steering and turning easier, particular on small surfaces.



Complete engine protection - RD7 with steel frame

Without engine protection

The variable protective cage concept gives you the greatest possible flexibility, for different requirements and applications.

Tandem rollers RD18.

The RD18 is a compact and particularly maneuverable roller of the 1.8-t-class. Thanks to its 3-point articulated joint, combined with a large drum diameter, it achieves a consistent compaction performance and a high-quality asphalt surface. A special feature of the RD18 is the one-sided drum attachment with the displaced, assigned drums, whereby it is possible to precisely compact very close to edges and walls on both sides.

Transport

- Compact transport and storage dimensions as a result of the fold-down ROPS bar

Performance

- Three-point articulated joint for consistent distribution of weight, both front and back

Comfort

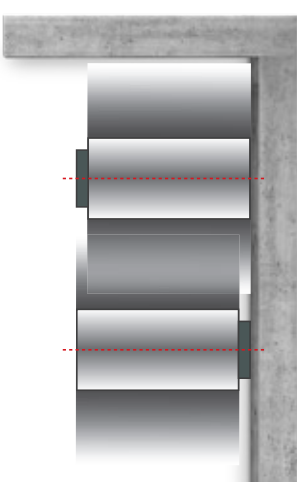
- The operating platform is designed to be vibration-decoupled and ergonomic
- The compact design enables good visibility of the drums at any time

Efficiency

- All RD and RC rollers have the same, simple operating concept
- The compact design enables a high degree of maneuverability on tight construction sites and, as a result, faster working
- Operating panel with a language-neutral, graphic and as a result, intuitive surface



Waisted design: for an unobstructed view of the drum edges, the machine surroundings and the construction site.



Clear sided curb clearance allows flush rolling both left and right: Thanks to the offset unilateral drum support; ideal for work along walls.

Tandem rollers with electric drive.

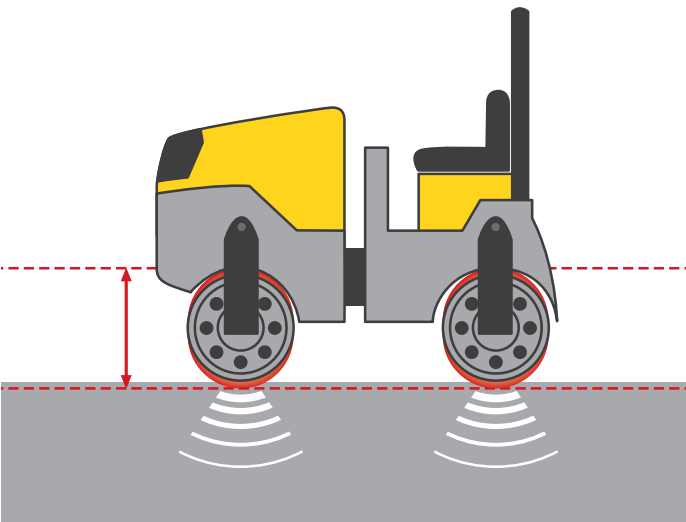
The electric rollers RD24e and RD28e are the all-rounders to have for emission-free construction sites with an operating weight of just 2.5 - 2.8 tons and a drum width of 120 centimeters. The rollers are powered by a powerful and proven lithium-ion battery that provides up to 3.5 hours of operating time. They are charged easily and quickly at any 230 V or 400 V socket and are therefore versatile in application.

Performance

- A 23.4 kWh lithium-ion battery with integrated cooling concept, the energy recovery from the system make the rollers highly efficient
- Efficiency increase in vibration system from approx. 32% to approx. 84%
- Energy recovery from the system

Efficiency

- The maintenance-free synchronous motor offers high torque and constant power output in continuous operation from the start
- Fast and easy charging at any 230 V/400 V socket
- Electro-hydraulic travel and pure electric vibration



Both of the vibration drums move the material to be compacted into oscillation with quick successive vertical forces.

	RD24e	RD28e
Operating weight (kg)	2,385 – 2,525	2,595 – 2,755
Drum width (cm)	100	120



RD28e

Environmental-friendliness

- 100% electric – 0% emissions in application
- Very low noise emissions for use in sensitive environments
- More possibilities for application thanks to the electrical vibration drive
- Very low service and operating costs



The maintenance-free synchronous motor is not only characterized by its constant power output, but it also enables a high peak load.



A fully electric vibration system ensures maximum efficiency with low operating costs.

Tandem rollers RD24, RD28, RD40, RD45.

The rollers of the 2.5t and 4t class are compact machines for any construction site. With their three-point articulated pendulum joints, they always generate a consistent distribution of weight with optimal maneuverability and operational stability. In this manner, they provide perfect and high-quality asphalt surfaces. As a result, the operator benefits from the intuitive operation and the extensive visibility of the compaction area. Thanks to their compact dimensions, they can be used without any problems in confined spaces.

Efficiency

- All RD and RC rollers have the same, simple operating concept
- The compact design enables a high degree of maneuverability on tight construction sites and, as a result, faster working
- Operator panel with graphic surface for intuitive operation
- The lateral overhang over the drum edge first begins very far up so that, for example, compaction can also take place right up to the edge of higher walls.

Performance

- The three-point articulated-pendulum joint provides equal distribution of weight on the front and rear drums/tires



Transport

- With fold-down ROPS bar, the RD rollers have compact transport and storage dimensions

Comfort

- The operating platform is designed to be vibration-decoupled and ergonomic
- The operator has a perfect visibility. Fewer mirrors and no rear-view camera are required



Get started with the work quickly: self-explanatory display and joystick are intuitive to operate.



Safe working: good 360° visibility from the operator's seat – also of the drum and wheels.



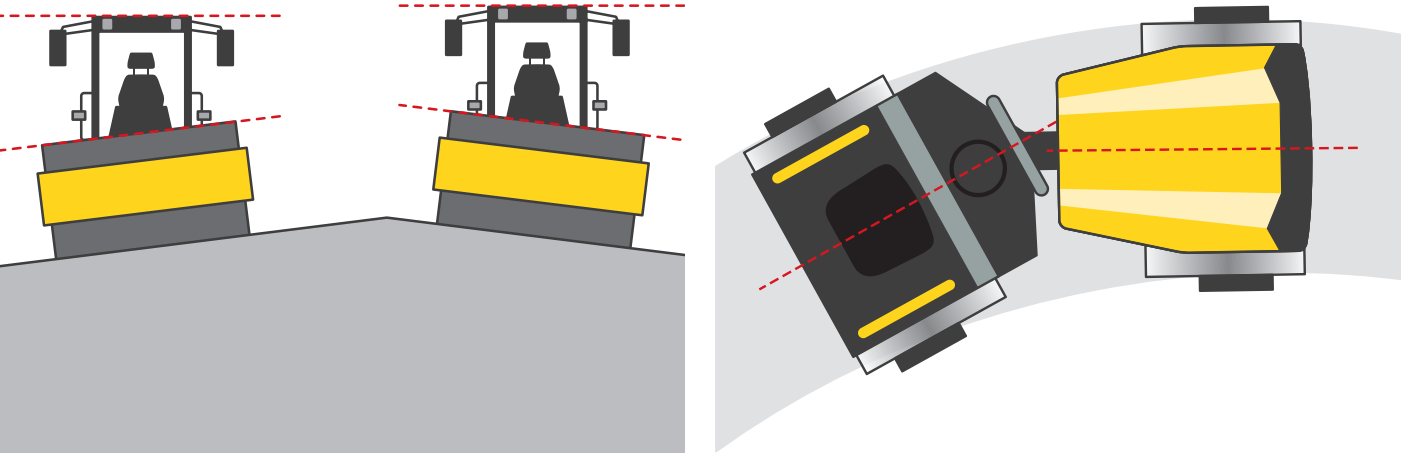
Optimal view due to the laterally adjustable seat.



Easy radiator cleaning due to separately removable cover.

The advantages of the tandem and combination rollers in detail.

From the technical outfitting for the actual compaction work to the comfort features and the practical details for transport or maintenance: Here you can see what all models have in common.



All RD models have the three-point articulated-pendulum joint.

Consistent compaction and high operator stability are the primary benefits of the three-point articulated-pendulum joint with which all tandem and combi-rollers, excl. RD7, are equipped. It achieves a consistent distribution of pressure on the tires or the drums, in

particular when cornering. In addition, it improves maneuverability and provides for maximum tipping safety and stability, even on uneven site conditions, e.g. coarse gravel.

High level of comfort for the operator.

All rollers are equipped with a complete oscillation-isolated operator platform as standard. Thus the operator is optimally protected against vibrations. Additional safety is provided by the steps for the convenient entry, large legroom and an operator's seat that can be individually adapted to the weight and height. All rollers from Wacker Neuson except the RD18-80 have a laterally movable seat

The best lighting.

Whether for work at dusk, at night or when cloudy: The rollers from Wacker Neuson provide sufficient light. Optional working lights can be attached to the ROPS bar for the tandem and combination models. Already included in the standard scope: A rotating beacon which allows the roller to travel on public roads.



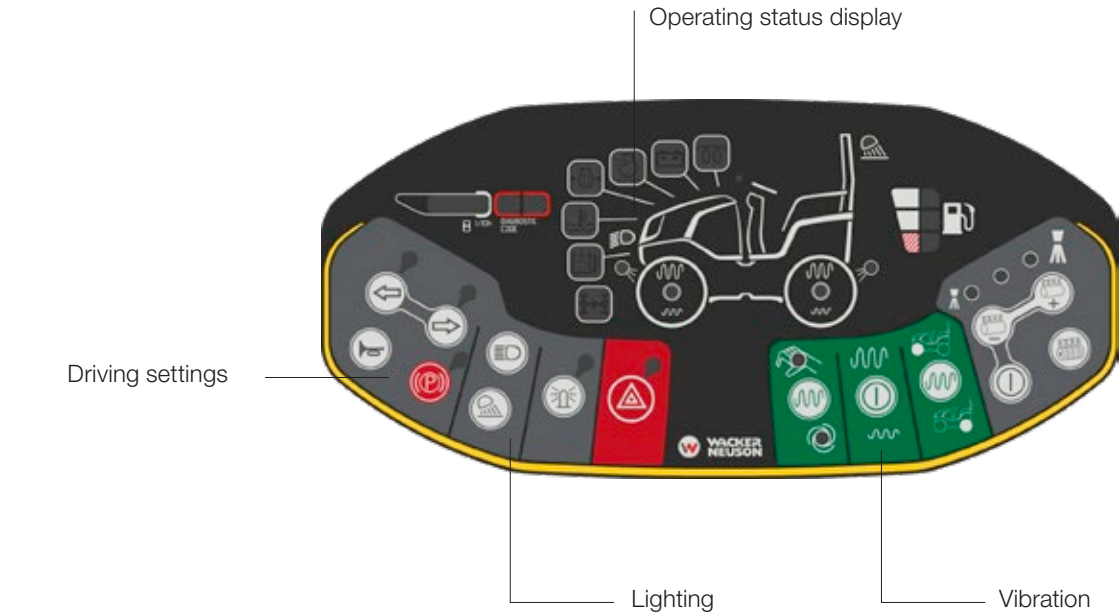
Standard fold-down ROPS (Roll Over Protective Structure).

The ROPS bar provides added safety. It can be folded to the rear as a standard. The roller achieves very compact transport dimensions in this way.



Simple maintenance.

All rollers are designed so maintenance is taken care of with a few steps: This includes good access to the entire engine compartment as well as easy exchange of the air cleaner. This saves time and money.



Clearly arranged display.

Self-explanatory, intuitive to operate and clearly structured: The display of the rollers from Wacker Neuson is very user-friendly. This

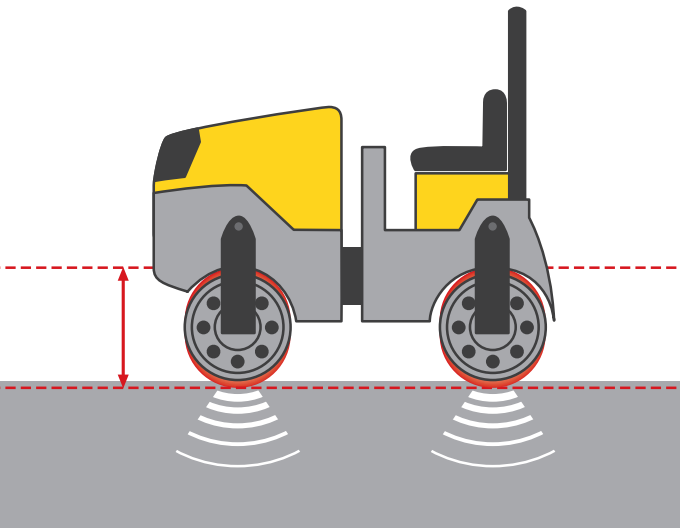
way, operators can manage everything starting from the first moment – an important aspect for rental yards in particular.



Practical central lifting point.

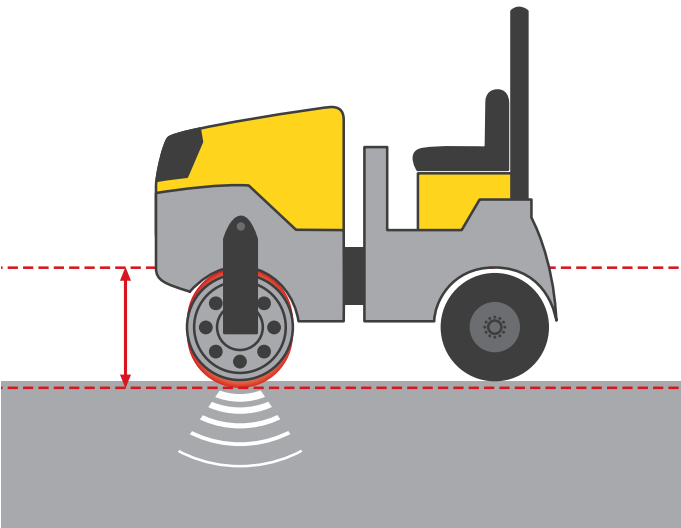
The centrally located central lifting point allows for a horizontal raising and lowering of the machine. The roller is thus easily, quickly

and safely transferred. The RD18, RD24 and RD28 have a central lifting point.



**Tandem roller:
Front and rear with vibration drums**

The vibration drum optimally brings the material to be compacted into oscillation with quick successive vertical forces. The built-in eccentric weight provides for a fast rotation and you achieve excellent compaction performance. Ideal for: All classic compaction work. Our tandem roller models are: RD18-80, RD18-100, RD24-100, RD28-120, RD40-130, RD45-140 and RD7.



**Combination roller:
Vibration drum in the front, tires in the rear**

The combination roller is equipped with only one vibration drum. The rear axle consists of rubber tires for pressing on the asphalt. This creates particularly high quality and smooth surfaces. Ideal for: Asphalt compaction on sidewalks and bicycle tracks. Our combination roller models are: RD18-100c, RD24-100c, RD28-120c, RD40-130c, RD45-140c

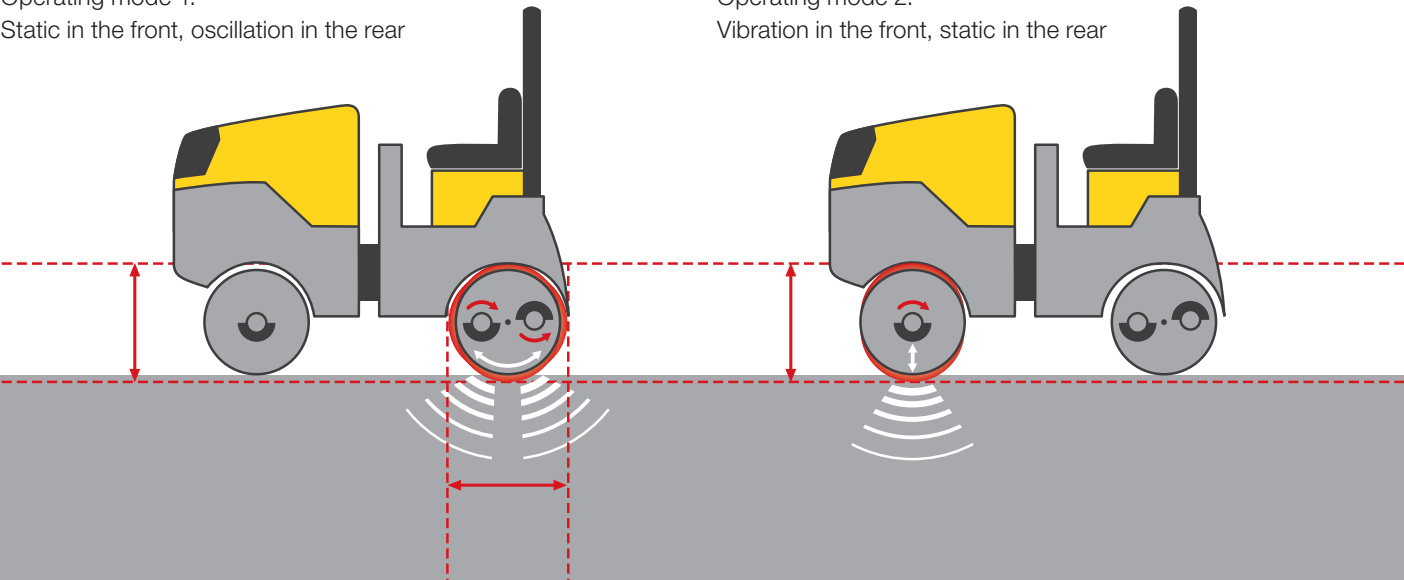
Oscillation roller: Vibration drum in the front, oscillation drum in the rear.

The oscillating movement is caused by a quickly changing forwards-reverse rotary movement of two masses in the drum. These forces are continuously directed into the ground in a targeted manner. At the same time, the vibration exposure is significantly lower than with a vibration drum. This also has a positive effect on the service life as well as the driving comfort of the machine.

Ideal for: Compaction work in the inner city, near vibration-sensitive structures (e.g. bridges, residential buildings, historic buildings), on seams (hot to cold) and for minor repair work. Our oscillation roller models are: RD24-100o, RD28-120o, RD40-130o, RD45-145o

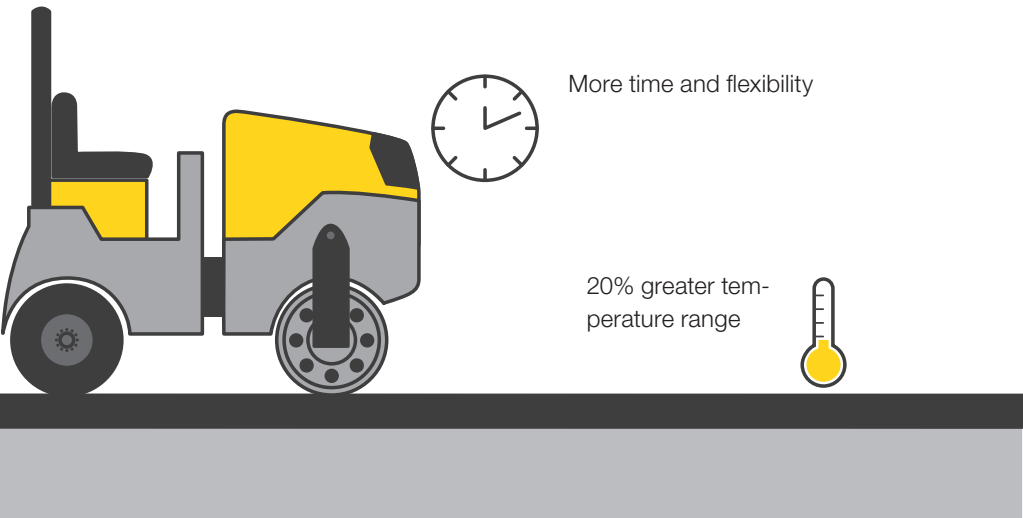
Operating mode 1:
Static in the front, oscillation in the rear

Operating mode 2:
Vibration in the front, static in the rear



Larger time frame, higher surface performance.

With oscillation, you can also compact asphalt at low material temperatures. Compared to compaction with vibration you thus have a larger time window.



Single drum soil compactors RC50, RC70.

A perfect view in all directions makes working with the Wacker Neuson rollers RC50 and RC70 safer and also more comfortable. Thanks to the compact design the operator always has the working area and the drums in view from his seat. With a large angle of slope and excellent gradeability, it can also be easily maneuvered on rough terrain. The simple operation via an intuitively-designed display and joystick also make working easier and ensure that the operator is familiar with the machine in no time.

Efficiency

- Uniform operating concept for all RD and RC rollers prevents long instructions
- Operator panel has a language-neutral, purely graphic and, as a result, intuitive surface
- Through the drive with the wheel motors, no axles are required between the wheels
- The low center of gravity ensures good operational behavior, even on rough terrain with high ground clearance
- Eco mode switch reduces the engine rpm (but also the compaction power) and as a result, saves up to 20% fuel during transport operations

Performance

- The hydraulic traction control (automatic slippage control) ensures extremely good gradeability



Comfort

- The compact design enables good visibility of the drums at any time and makes maneuverability and driving up close to walls easier
- The operating platform is designed to be vibration-decoupled and ergonomic

Maintenance

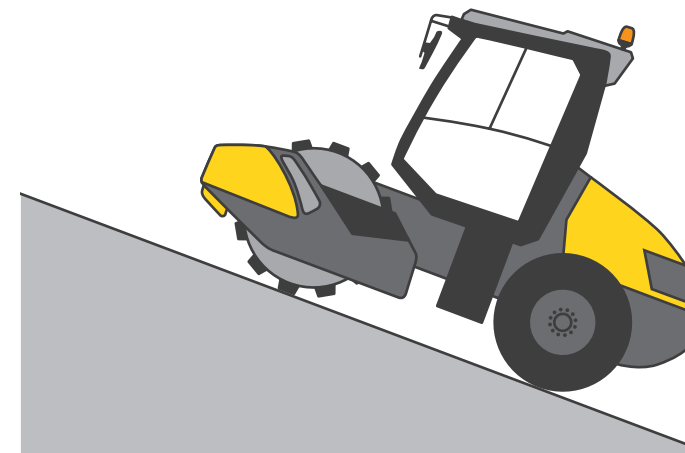
- The engine shuts off automatically after a pre-set time, as a result the operating hours are reduced and the maintenance intervals are extended



Eco mode for up to 20% fuel saving.



The traction control ensure that the wheels do not over-spin, even when on rough terrain.



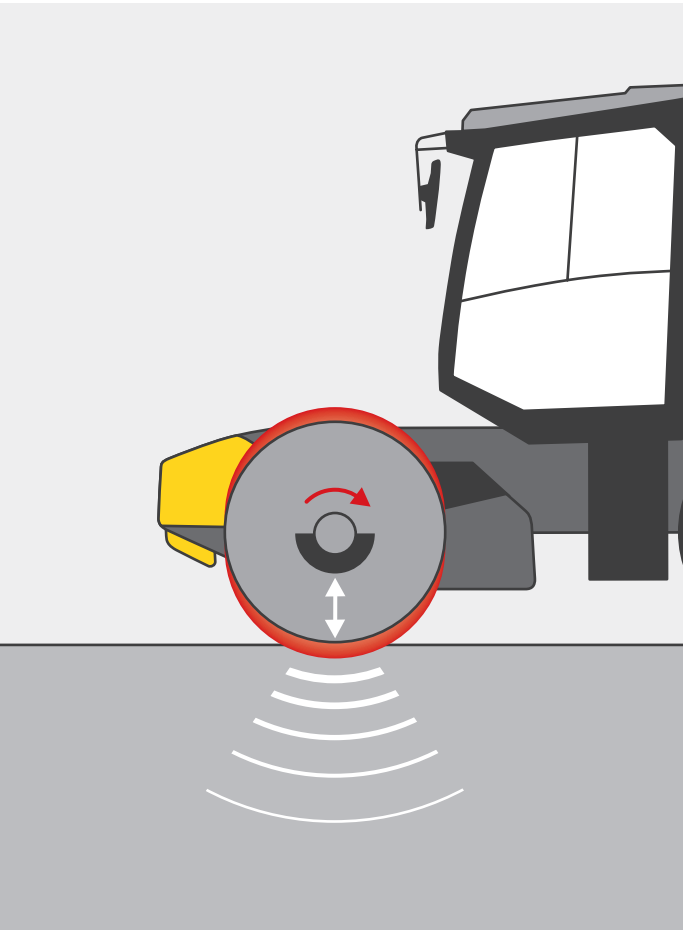
Masters up to 60% slopes thanks to the powerful wheel drive.



Comfort for the operator: the seat and steering column can be individually adjusted.

The advantages of the tandem and combination rollers in detail.

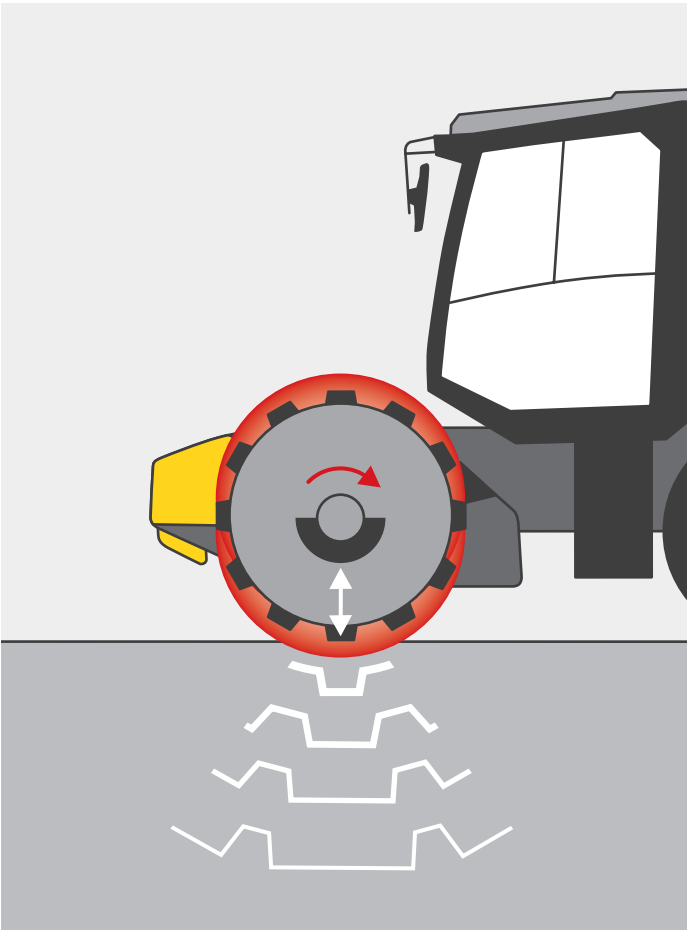
With the five compact tandem and combination drum rollers, we have the right solution for you for different slopes, requirements and spatial conditions. In addition, the operator's cab can be outfitted to meet your individual needs.



The smooth drums of the single drum soil compactors - RC50, RC70 and RC70vo.

Due to the low depth effect, the smooth drum is ideal for applications in sensitive areas, e.g. near vibration-sensitive structures like historic buildings or on surfaces under which pipes and utility lines run. In addition, smooth drums are ideal for:

- Non-cohesive or weakly cohesive soils, such as sand and gravel
- Surfaces that have already been processed with a cleated (sheepsfoot) drum roller



The cleated drum drums of the single drum soil compactors - RC70 and RC70P.

The trapezoid-shaped pads of a cleated drum compact the ground through kneading and crushing. The further the compaction progress, the less the pads sink into the ground. The application areas of cleated drums are:

- Fine-grained soils with a high water content, incorporation of binding materials, such as lime or cement, into acidic soils
- Compaction of cohesive, less supportive moist ground, as well as friable soft stone (e.g. when building dams)

One single drum soil compactor, two types of compaction - RC70vo.

All tandem and combination drum rollers compact through vibration, but the RC70vo offers you a special extra: You can

use it to choose between the vibration and oscillation operating modes.

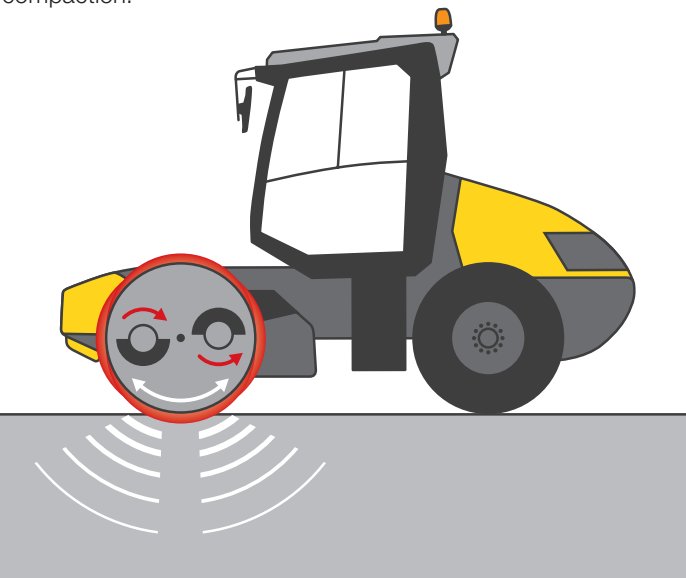
Type of compaction 1:

Vibration for high compaction depth.



Type of compaction 2:

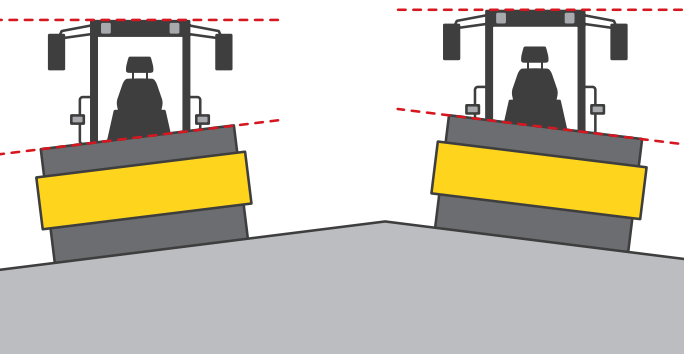
Oscillation for optimal surface compaction.



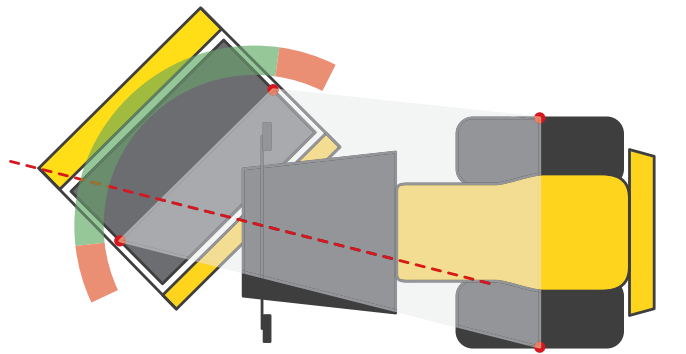
The three-point articulated pendulum joint.

The tandem and combination drum rollers are also equipped with a three-point articulated pendulum joint. It evenly distributes the weight on the drums and wheels. In addition, it also minimizes the tipping danger at a full steering angle and provides for consistently good compaction results.

On difficult terrain, the low center of gravity of the tandem and combi soil compactors ensure a stable straight-ahead travel and secure maneuverability. The pendulum support in the joint protects the operator by damping the driver's cabin.



Uneven ground conditions, quiet cabin:
The pendulum support has a damping effect.



Tip-safe in curves:
Thrusting force distribution always in the green range.

Trench, tandem and combination rollers.

	Unit	RTX-SC3	RD7H	RD7He	RD7A	RD7Ye	RD18-80	RD18-100	RD18-100c	RD24e	RD28e	RD24-100	RD24-100c	RD24-100o	RD28-120	RD28-120c	RD28-120o	RD40-130	RD40-130c	RD40-130o	RD45-140	RD45-140c	RD45-140o
Max. operating weight	kg	1,465	735	735	690	710	1,840	1,950	1,830	3,000	3,410	3,190	3,110	3,240	3,410	3,320	3,470	4,920	4,790	5,230	5,300	4,960	5,640
Operating weight with roll over protection system	kg	–	–	–	–	–	1,580	1,670	1,630	2,615	2,695	2,475	2,385	2,525	2,695	2,595	2,755	3,965	3,825	4,015	4,345	3,995	4,435
Max. operating width	mm	820	650	650	650	650	856	1,056	1,000	1,110	1,250	1,050	1,050	1,050	1,250	1,220	1,250	1,350	1,338	1,350	1,430	1,380	1,430
Side overhang (left/right)	mm	–	30	30	30	30	–	–	–	–	55/55	55/55	55/55	55/55	55/55	55/55	55/55	63/63	63/63	63/63	63/63	63/63	63/63
Turning radius (inside)	mm	1,600	–	–	–	–	2,230	2,130	2,130	2,470	2,370	2,470	2,470	2,470	2,370	2,370	2,370	2,690	2,690	2,690	2,650	2,650	2,650
Drum type in front	–	cleated	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided
Drum type in rear	–	cleated	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	smooth/undivided	–	–	smooth/undivided	smooth/undivided	–	smooth/undivided	smooth/undivided	–	smooth/undivided	smooth/undivided	–	smooth/undivided	smooth/undivided	–	smooth/undivided
Tire size in rear	–	–	–	–	–	–	–	–	–	–	–	–	205/60-R15	–	–	9.5/65-15	–	–	–	–	–	10.5/80-16	–
Drive system	–	Kohler KDW 1003	One cylinder, 4-stroke, air-cooled, diesel engine, Hatz engine		Honda gasoline engine air-cooled, single-cylinder, 4-stroke engine	Vertical cylinder, 4-stroke, air-cooled, diesel engine, Yanmar engine	Kubota diesel engine D1005			Electric motor	Electric motor	Kubota diesel engine 1503, with diesel particulate filter					Kubota diesel engine V2203, with diesel particulate filter						
Output	kW	14.8	7.5	7.5	8.7	6.8	16.8	16.8	16.8	16.8	24	24	24	24	24	24	24	37.4	37.4	37.4	37.4	37.4	37.4
Fuel tank capacity	l	24	5.4	5.4	5.4	5.4	33	33	33	33	42	42	42	42	42	42	42	73	73	73	73	73	73
Speed	km/h	2.5	4.5	4.5	4.5	4.5	0–11	0–11	0–11	0–11	0–12	0–12	0–12	0–12	0–12	0–12	0–12	0–11	0–11	0–11	0–11	0–11	0–11
Gradeability with/without vibration	%	45/50	26	26	26	26	30/40	30/40	30/40	30/40	35/40	30/40	30/40	35/40	30/40	30/40	35/40	30/40	30/40	30/40	30/40	30/40	30/40
Centrifugal force front I/II	kN	68.4	22.5	22.5	22.5	22.5	25/16	25/16	25/16	25/16	46/28	46/28	46/28	46/28	52/32	52/32	52/32	64/39	64/39	64/39	64/39	64/39	64/39
Centrifugal force rear I/II	kN	68.4	22.5	22.5	22.5	22.5	25/16	25/16	–	–	–	46/28	–	–	52/32	–	–	–	–	–	64/39	–	–
Water tank capacity	l	–	60	60	60	60	70	70	70	70	180	180	180	180	180	180	180	285	285	285	285	285	285

Equipment and options (selection) for tandem and combination rollers.

	RD18	RD24	RD28	RD40	RD45
CE conformity	●	●	●	●	●
Warning signs, DIN/ISO	●	●	●	●	●
Scraper bar, fold-down	●	●	●	●	●
Roll-over protective structure, fold-down	●	●	●	●	●
Black artificial leather operator's seat	●	●	●	●	●
Engine stop automatics	●	●	●	●	●
Trailer hitch	–	○	○	○	○
Hydraulic oil, standard	●	●	●	●	●
Hydraulic oil, biodegradable	○	○	○	○	○
Belt guard	●	●	●	●	●
Antifreeze injection	○	○	○	○	○
Edge pressing and cutting equip. front right	–	○	○	○	○
Cutting wheel, diameter of 350 mm	–	○	○	○	○
Drum edge lighting, LED	–	○	○	○	○
Pressure roll 45 degrees, 5 cm layer	–	○	○	○	○
Pressure roll 60 degrees, 5 cm layer	–	○	○	○	○
Track indicator	–	○	○	○	○

● Standard ○ Option – not available

Tandem and combination rollers.

	RD18	RD24	RD28	RD40	RD45
Water sprinkling for edge pressing and cutting machine	–	○	○	–	–
Complete crushed stone spreader, precision roller spreader	–	○	○	○	○
Reverse operation alarm, volume-regulating	●	●	●	●	●
Lighting StVZO [Road Traffic Licensing Regulations]	●	●	●	●	●
Work lighting on roll over protection system, 4-fold, LED	○	–	–	–	–
Work lighting on roll over protection system, 4-times, halogen	–	○	○	○	○
Rotating beacon on roll over protection system	●	●	●	●	●
Acoustic insulation (proofing)	○	○	○	○	○
Flow divider	–	○	○	○	○
Industrial Supervisory Board final acceptance	○	○	○	○	○

Trench roller.

	RTX-SC3
Smooth drums	○
Long scraper bar	○
Short scraper bar	●

Explanation of nomenclature

- = Oscillation roller
- ▣ = Combination roller

Single drum soil compactors.

	Unit	RC50	RC50p	RC70	RC70p	RC70vo
Max. operating weight	kg	5,710	5,530	7,580	6,920	6,380
Operating weight with roll over protection system	kg	4,815	4,935	6,320	6,190	6,105
Max. operating width	mm	1,370	1,370	1,680	1,680	1,680
Side overhang left/right	mm	65/65	65/65	80/70	80/70	80/70
Turning radius (inside)	mm	3,375	3,375	3,310	3,310	3,310
Type of drum	–	smooth/undivided	cleated	smooth/undivided	cleated	smooth/undivided
Tire size in rear	–	TR 12.4-24 8 PR	TR 12.4-24 8 PR	AW 14.9-24 8 TL	TR 14.9-24 8 TL	AW 14.9-24 8 TL
Drive system	–	Kubota diesel engine V3307-CR-T				
Output (ISO 14396)	kW	55.4	55.4	55.4	55.4	55.4
Fuel tank capacity	l	123	123	123	123	123
Infinitely variable speed	km/h	0–12.5	0–12.5	0–12.5	0–12.5	0–12.5
Gradeability with/without vibration	%	55/60	55/60	55/60	55/60	55/60
Centrifugal force in front l/II	kN	69	69	125/95	125	123

Equipment and options (selection) for single drum soil compactors.

	RC50	RC50p	RC70	RC70p	RC70vo
Paint 1 RAL color + gray	○	○	○	○	○
Rigid steering column	●	●	●	●	●
Tiltable steering column	○	○	○	○	○
Diamond tread tire set	●	○	●	○	●
Set of tires with tractor tread	○	●	○	●	○
CE conformity	●	●	●	●	●
Warning signs, DIN/ISO	●	●	●	●	●
Scraper bar	○	●	○	●	○
Rigid roll over protection system, with canopy	●	●	●	●	●
Roll over protection system cab with heater, FOPS tested (Level I), 1 access door	○	○	○	○	○
Air-conditioning system	○	○	○	○	○

● Standard ○ Option – not available

All information relates to the base machine. Subject to changes.

The product range of Wacker Neuson includes over 300 different product groups with different versions. The product data may vary accordingly with the selection of different options.

The Wacker Neuson products shown are examples and as such are subject to regular changes. We are happy to make you a specific offer upon request!

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Configuration options.

Single drum soil compactors

	RC50	RC50p	RC70	RC70p	RC70vo
Standard travel lever	●	●	●	●	●
Travel lever with selection of dozer blade	○	○	○	○	○
Black artificial leather operator's seat	●	●	●	●	●
Black artificial leather operator's seat, comfort outfitting	○	○	○	○	○
Right/left seat adjustment	○	○	○	○	○
Hydraulic oil, standard	●	●	●	●	●
Hydraulic oil, biodegradable	○	○	○	○	○
Radio	○	○	○	○	○
Roll over protection system, rigid	○	○	○	○	○
Synthetic material canopy with integrated FOPS (Level I)	○ ¹	○ ¹	○ ¹	○ ¹	○ ¹
Dozer blade	○	○	○	○	–
Two-part cleated shells, not mounted	○	–	○	–	–
Spare tire set with tractor tread	○	○	○	○	○
Spare tire set, all-weather	○	○	○	○	○
Earthworks compaction control	○	○	○	○	○
Speedometer	○	○	○	○	○
Engine stop automatics	○	○	○	○	○
Vibration frequency display	○	○	○	○	○
Rearview camera	○ ²	○ ²	○ ²	○ ²	○ ²
Reverse operation alarm, volume-regulating	●	●	●	●	●
Vibration automatic	○	○	○	○	○
Lighting StVZO [Road Traffic Licensing Regulations]	● ³	● ³	● ³	● ³	● ³
Work lighting, 4-fold, halogen	○	○	○	○	○
Work lighting, 4-fold, LED	○	○	○	○	○
Rotating beacon	●	●	●	●	●
Battery disconnecter switch, electronic	○	○	○	○	○
Industrial Supervisory Board final acceptance	○	–	○	–	○

● Standard ○ Optional – not available 1 Only available with selection “Rigid roll over protection system” 2 Not available with “rigid roll over protection system” 3 Mandatory with selection “Industrial Supervisory Board final acceptance”

Explanation of nomenclature

vo = Vibration or oscillation adjustable

p = Roller with cleated drum

Wacker Neuson – all it takes.



Concrete technology



Vibratory rammers



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



Used machines



ConcreTec

