

# Rollers



**WACKER  
NEUSON**



# These reasons speak for rollers from Wacker Neuson.

## 1. Close-meshed service network – always in the right place at the right time.

Wacker Neuson is actively at your side for your demanding projects: with an international service network that relies on speed, quality and absolute reliability. Thanks to our stock management, 90 percent of our spare parts are available directly from the warehouse. In an emergency situation, we also provide on-site assistance so that you can successfully continue your work as quickly as possible.

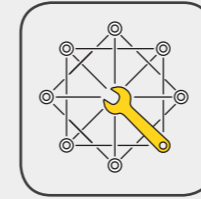
## 2. First-class quality products – with a long service life.

You want to complete your projects perfectly – there is no question that you do not make any compromises when it comes to the quality of your equipment. As with all products and solutions from Wacker Neuson, you also receive high quality products with our rollers, which will satisfy you in every aspect.

## 3. Perfect results – with the specialists in soil compaction.

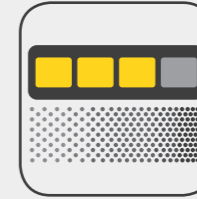
In terms of soil compaction, we at Wacker Neuson are real professionals – and with our comprehensive product range of compaction equipment, we offer the best solutions for a variety of challenges. We are now rounding off our portfolio with our variety of rollers – so that you are well looked after in all compaction projects.

# Roller expertise down to the last detail.



### Service network

We are always there for you: Thanks to our close-knit service network, you can always rely on our quick support.



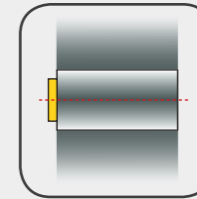
### First-class compaction performance

Regardless of which of our models you choose – one thing is certain: The compaction performance of our rollers will excite you. Guaranteed!



### Finely tiered model selection












Different tonnages and a varied selection of tandem rollers with vibration and oscillation drums as well as combination rollers: Choose exactly the model that you need for your project.



### One-sided drum support

The one-sided drum support makes optimal compaction performance possible for you right up to the edge. You can find more about this on page 9.

# All rollers in an overview.

 <b>RD18-80</b> Operating weight with roll-over protective structure (CECE) 1,580 kg	 <b>RD18-100</b> Operating weight with roll-over protective structure (CECE) 1,670 kg > Page 04	 <b>RD18-100C</b> Operating weight with roll-over protective structure (CECE) 1,630 kg	 <b>RD24-100</b> Operating weight with roll-over protective structure (CECE) 2,475 kg	 <b>RD24-100C</b> Operating weight with roll-over protective structure (CECE) 2,385 kg > Page 04	 <b>RD24-100C</b> Operating weight with roll-over protective structure (CECE) 2,525 kg	 <b>RD27-120</b> Operating weight with roll-over protective structure (CECE) 2,695 kg	
 <b>RD27-120C</b> Operating weight with roll-over protective structure (CECE) 2,595 kg > Page 04	 <b>RD27-120C</b> Operating weight with roll-over protective structure (CECE) 2,755 kg	 <b>RD40-130</b> Operating weight with roll-over protective structure (CECE) 3,965 kg > Page 06	 <b>RD40-130C</b> Operating weight with roll-over protective structure (CECE) 3,825 kg	 <b>RD130</b> Operating weight with roll-over protective structure (CECE) 4,015 kg	 <b>RD45-140</b> Operating weight with roll-over protective structure (CECE) 4,345 kg > Page 06	 <b>RD45-140C</b> Operating weight with roll-over protective structure (CECE) 3,995 kg	 <b>RD45-140C</b> Operating weight with roll-over protective structure (CECE) 4,435 kg

## Rollers of the 1.5 ton and 2.5 ton class

First-class performance, sophisticated technology: With the rollers in these weight classes, you can move safely everywhere – even in confined areas.

- Maneuverable, compact roller models for first-class compaction in road and highway construction
- Front and rear drum, each with two vibration levels
- First-class compaction quality due to the large drum diameter combined with a low machine center of gravity
- High level of tipping safety thanks to the low work platform and the articulated pendulum joint
- RD18: Clear sided curb clearance allows flush rolling on both sides thanks to the unilateral drum support

**Particularly maneuverable** thanks to the drum offset (50 mm)



	RD18-80	RD18-100	RD18-100c
Operating weight with roll-over protective structure (CECE)	1,580 kg	1,670 kg	1,630 kg
Drum width	80 cm	100 cm	100 cm
Engine output	14.8 kW	14.8 kW	14.8 kW

	RD24-100	RD24-100c	RD24-100o
Operating weight with roll-over protective structure (CECE)	2,475 kg	2,385 kg	2,525 kg
Drum width	100 cm	100 cm	100 cm
Engine output	22.9 kW	22.9 kW	22.9 kW



**RD24 and RD27:** Optionally available as a tandem roller with an oscillation drum for significantly fewer vibrations in the ground

	RD27-120	RD27-120c	RD27-120o
Operating weight with roll-over protective structure (CECE)	2,695 kg	2,595 kg	2,755 kg
Drum width	120 cm	120 cm	120 cm
Engine output	22.9 kW	22.9 kW	22.9 kW

**Combination rollers** offer excellent traction on gradients.



## Rollers of the 4.0 ton class

The full compaction force for your project: The rollers with one of the highest centrifugal forces on the market will meet any demand.

- Optionally available as a traditional tandem roller, tandem roller with an oscillation drum or a combination roller
- The built-in articulated pendulum joint provides for a sturdy driving position and high level of maneuverability
- The vibration and oscillation can be adjusted in two levels
- Outfitted with fold-down roll-over protective structure (ROPS) as a standard
- Central drainage: The water can be drained in one simple step.

**Long application times without refueling:** Large tanks for fuel and water



**Convenient work:** Ergonomic seats with plenty of legroom allow for a very good view of the working area

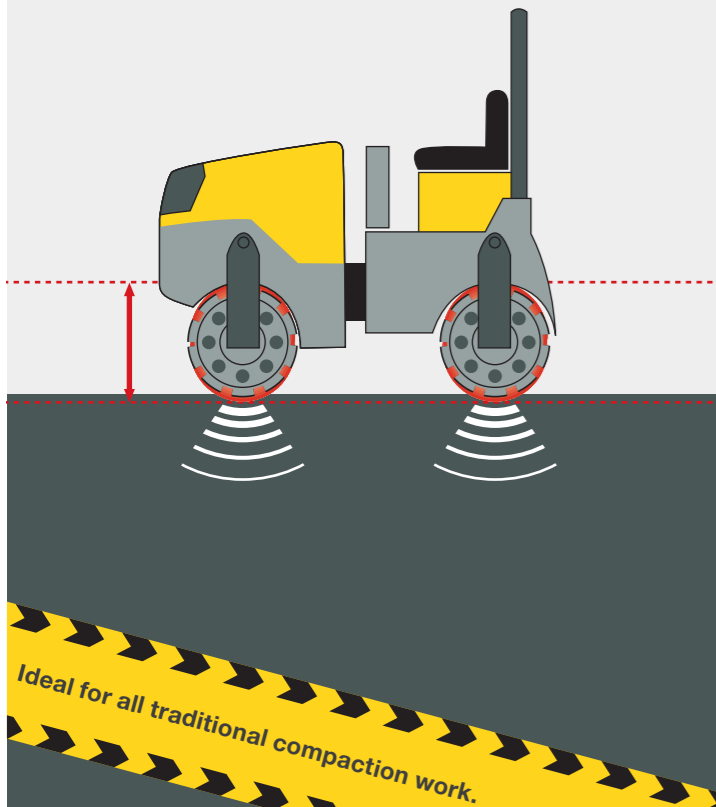
	<b>RD40-130</b>	<b>RD40-130c</b>	<b>RD40-130o</b>
Operating weight with roll-over protective structure (CECE)	<b>3,965 kg</b>	<b>3,825 kg</b>	<b>4,015 kg</b>
Drum width	<b>130 cm</b>	<b>130 cm</b>	<b>130 cm</b>
Engine output	<b>34.6 kW</b>	<b>34.6 kW</b>	<b>34.6 kW</b>

	<b>RD45-140</b>	<b>RD45-140c</b>	<b>RD45-140o</b>
Operating weight with roll-over protective structure (CECE)	<b>4,345 kg</b>	<b>3,995 kg</b>	<b>4,435 kg</b>
Drum width	<b>138 cm</b>	<b>138 cm</b>	<b>138 cm</b>
Engine output	<b>34.6 kW</b>	<b>34.6 kW</b>	<b>34.6 kW</b>

## Vibration drums and oscillation drums in a comparison

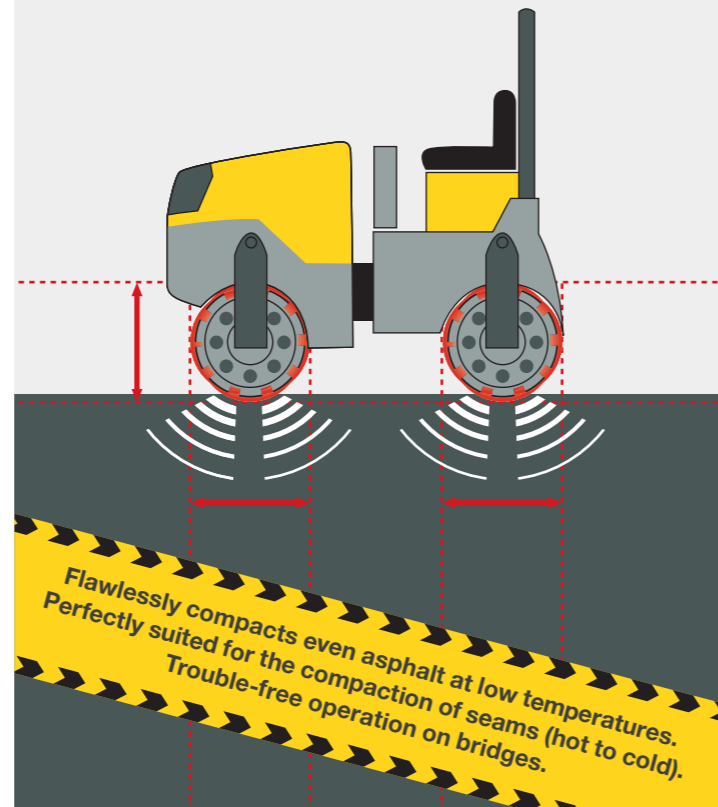
### Vibration drum

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 an excellent compaction performance.



### Oscillation drum

Rollers with an oscillation drum compact with a high efficiency, since the drums maintain permanent contact with the ground. With its two synchronous rotating eccentric weights, the drum uses forward and reverse movements to direct its entire compaction force into the ground.



### Edge pressing and cutting equipment

Entirely as needed, the edge pressing and cutting equipment can be attached on the right, left or on both sides of the roller and with its integrated track indicator ensures a clean edge of the paths.



## Unilateral drum support

Excellent compaction performance right up to the edge: With the unilateral drum support, you have clear sided curb clearance that allows flush rolling on both sides and you can move the roller directly up to walls or curbs. Re-compaction, for example with a rammer, is not required.



## Crab steering mode

The drum offset allows for easy maneuvering when compacting along walls. In crab steering mode, the roller can be conveniently controlled in any desired direction.



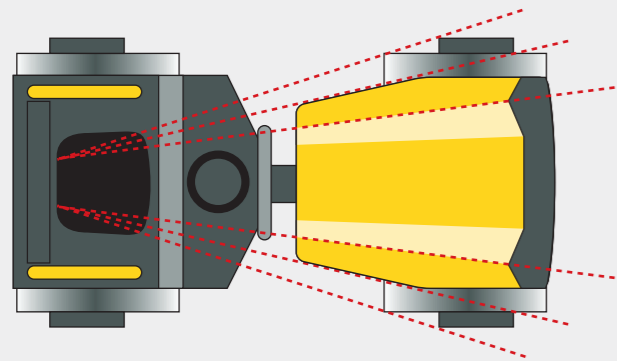
## Articulated pendulum joint

Uniform compaction, optimal driving stability: The three-point articulated pendulum joint ensures a uniform weight distribution on the front and rear drums at all times. This also improves the maneuverability and provides for maximum tipping safety and stability when turning curves.



## Optimal view

Everything is perfectly within view: With the specially designed, tapered design of the roller, you always have an excellent view of the drum edges, the machine environment and the job site.



All rollers from Wacker Neuson have an optimal view.

## ROPS bar

Guaranteed safety: The standard ROPS (Roll Over Protective Structure) can conveniently be folded back for transport.



All rollers from Wacker Neuson have a ROPS bar.

## Vibration-reduced comfortable driver's cabin

With the completely vibration-insulated driver's cabin, operating the roller is extremely comfortable. The large amount of legroom and the seat that moves forward as well as laterally to the left and right also ensure for a pleasant working situation.



All rollers from Wacker Neuson have a laterally moving seat except for the RD18-80.

## Central lifting point

The central lifting point that is practically placed in the center ensures easy lifting and quick transport of the roller.



All rollers from Wacker Neuson have a central lifting point.

## Technical data

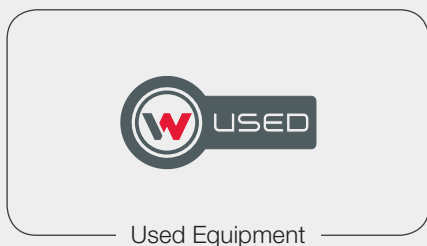
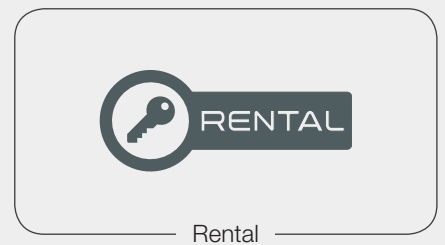
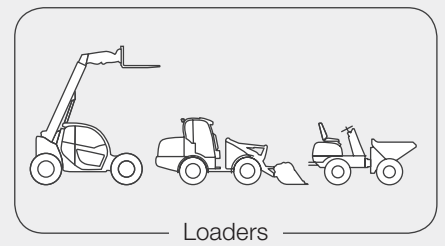
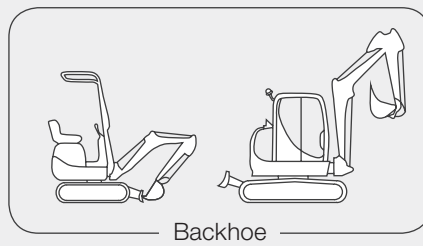
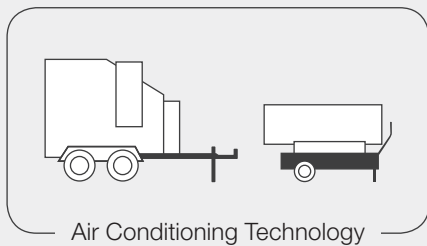
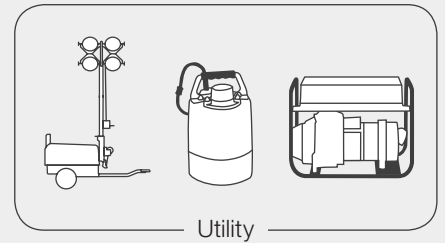
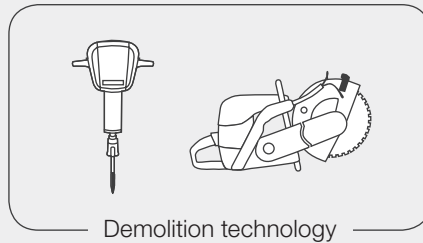
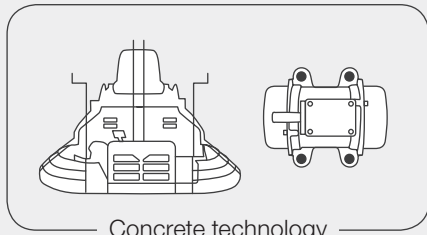
		RD18-80	RD18-100	RD18-100c	RD24-100	RD24-100c	RD24-100c	RD27-120	RD27-120c	RD27-120c	RD40-130	RD40-130c	RD40-130c	RD45-140	RD45-140c	RD45-140c		
UNIT																		
ROLLERS	Max. operating weight	kg	1,840	1,950	1,830	3,190	3,110	3,240	3,410	3,320	3,470	4,920	4,790	5,230	5,300	4,960	5,640	
	Operating weight with roll-over protective structure (CECE)	kg	1,580	1,670	1,630	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	856	1,056	1,000	1,050	1,050	1,050	1,250	1,220	1,250	1,350	1,338	1,350	1,430	1,380	1,430	
	Lateral overhang	mm	-	-	-	55/55	55/55	55/55	55/55	55/55	55/55	63/63	63/63	63/63	63/63	63/63	63/63	63/63
	Turning radius (inside)	mm	2,230	2,130	2,130	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	-	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	-	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	-	Kubota Diesel engine D1005	Kubota Diesel engine D1005	Kubota Diesel engine D1005	Kubota Diesel engine D1503	Kubota Diesel engine D1503	Kubota Diesel engine D1503	Kubota Diesel engine D1503	Kubota Diesel engine D1503	Kubota Diesel engine D1503	Kubota Diesel engine V2203	Kubota Diesel engine V2203	Kubota Diesel engine V2203	Kubota Diesel engine V2203	Kubota Diesel engine V2203	Kubota Diesel engine V2203	
	Power output (ISO 14396)	kW	14.8	14.8	14.8	22.9	22.9	22.9	22.9	22.9	22.9	34.6	34.6	34.6	34.6	34.6	34.6	
	Fuel tank volume	l	33	33	33	42	42	42	42	42	42	73	73	73	73	73	73	
	Infinitely variable speed	km/h	0-11.0	0-11.0	0-11.0	0-12.0	0-11.0	0-12.0	0-12.0	0-12.0	0-12.0	0-11.0	0-11.0	0-11.0	0-11.0	0-11.0	0-11.0	
	Gradeability with/without vibration	%	30/40	30/40	30/40	30/40	30/40	35/40	30/40	30/40	30/40	30/40	30/40	30/40	30/40	30/40	30/40	
	Centrifugal force in front I/II	kN	25/16	25/16	25/16	46/28	46/28	46/28	52/32	52/32	52/32	64/39	-	64/39	64/39	64/39	64/39	
	Centrifugal force in rear I/II	kN	25/16	25/16	-	46/28	-	-	52/32	-	-	-	-	-	64/39	-	-	
	Water tank volume	l	70	70	70	180	180	180	180	180	180	285	285	285	285	285	285	

# Everything for your project.



**WACKER  
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Wacker Neuson offers you the complete range of solutions of powerful quality products combined with services that back you up in any situation.



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