



RD45-140
Tandem Rollers

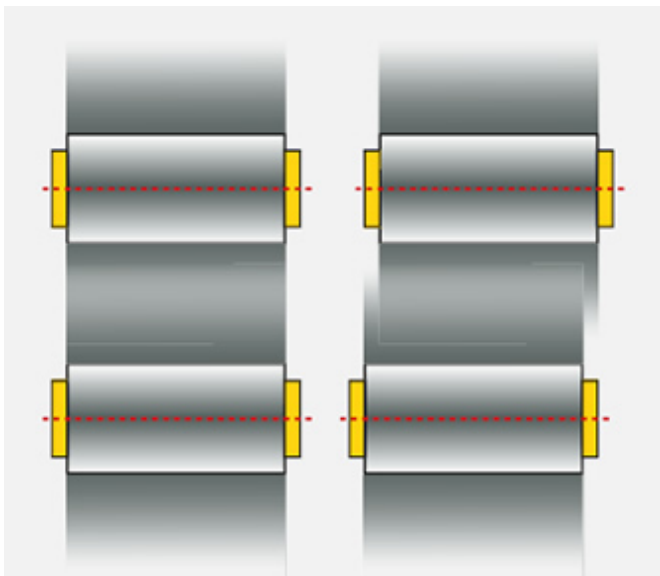


Powerful and versatile

The rollers of the RD45 series are articulated tandem-axle rollers, which are also available with an oscillating drum or as a combination roller. Due to the low machine height, the articulated joint and the optimal view, the RD45 rollers can be used in a variety of ways.

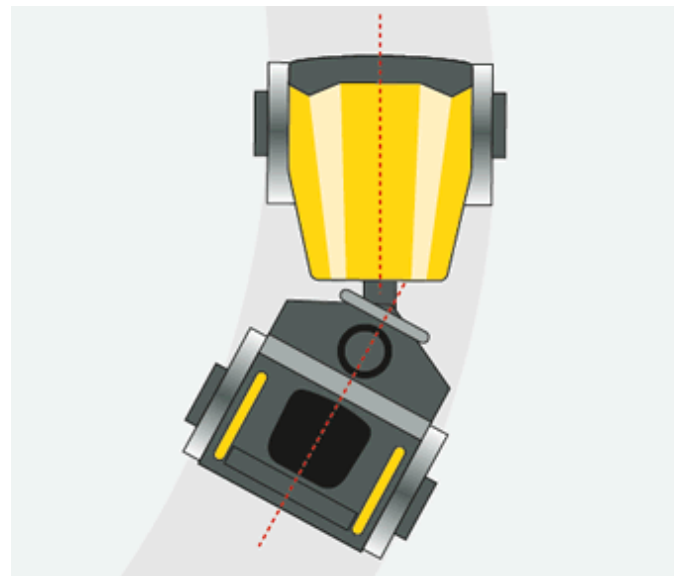
- Edge pressing and cutting equipment for a clean edge of the paths
- Installed articulated pendulum joint ensures for even compaction, a high level of maneuverability and optimal driving stability
- Optimal visual conditions due to the slim design
- Safe ROPS (Roll Over Protective Structure) that can be folded back for transport

Crab steering



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

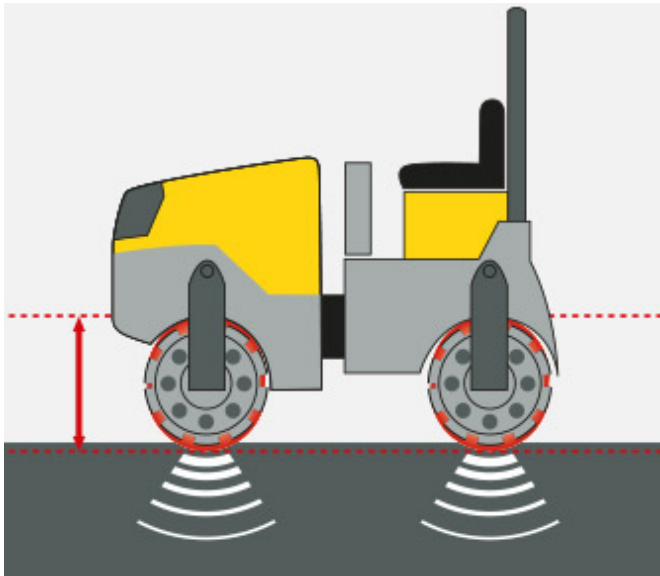
Articulated pendulum joint



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

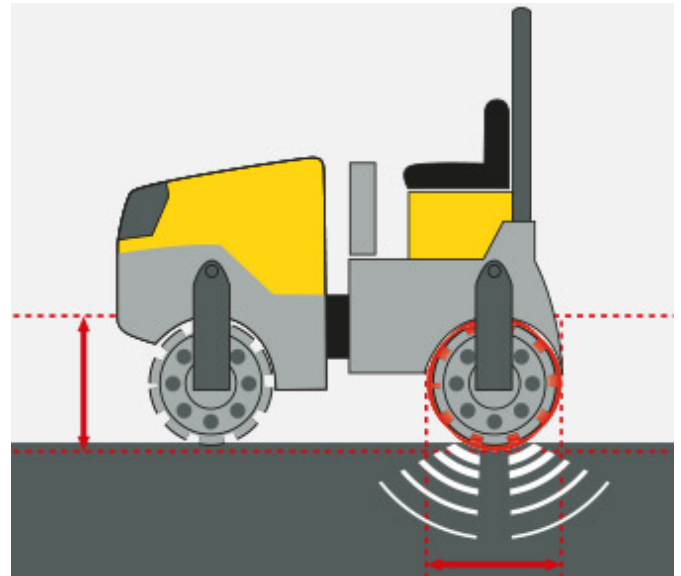
Vibrating drum

Oscillating drum



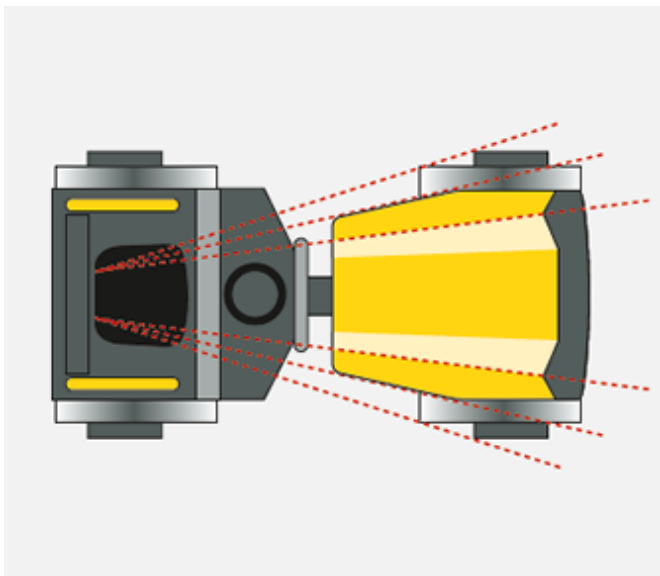
Ideal for all traditional compaction work.

The vibrating drum optimally oscillates the material to be compacted with quick successive vertical forces. The built-in eccentric weight provides for a fast rotation and an excellent compaction performance.



Flawlessly compacts even asphalt at low temperatures. Perfectly suited for the compaction of seams (hot to cold). Trouble-free operation on bridges.

Rollers with an oscillating 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.



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.



**WACKER
NEUSON**
all it takes!



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: You will be impressed with the compaction performance of our rollers. Guaranteed!



Finely tiered model selection

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



Built-in user comfort

All of the Wacker Neuson models can be easily operated for particularly pleasant work.



iF Design Award 2016

The tandem roller series RD won the iF Design Award 2016 in the product category. The RD series convinced above all by the clearly structured operating elements and the intuitive handling, which is supported by the design.



Technical specifications

Operating data

Operating weight with ROPS	4,345 kg
Operating weight max.	5,300 kg
L x W x H	2860 x 1506 x 2590 mm
Drum width	1,380 mm
Drum diameter	900 mm
Operating width	1,430 mm
Ground clearance Middle	305 mm
Drum type Front	smooth / undivided
Drum type Rear	smooth / undivided
Axle load Front	2,175 kg
Axle load Rear	2,170 kg
Curb clearance	63 mm
Centrifugal force Level I	64 kN
Centrifugal force Level II	39 kN
Frequency Level I	60 Hz
Frequency Level II	51 Hz
Amplitude Level I	0.51 mm
Amplitude Level II	0.31 mm
Linear force static (front)	15.8 N/mm
Linear force static (rear)	15.7 N/mm
Advance travel max.	183 m/min
Gradeability with vibration	30 %
Gradeability without vibration	40 %
Turning radius inside	2,650 mm

Engine / Motor

Engine / Motor type	4-cylinder diesel engine
Engine / Motor manufacturer	Kubota
Engine performance ISO 14396	34.6 kW
Tank capacity Fuel	73 l
Tank capacity Water	285 l



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Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

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