



**WACKER
NEUSON**
all it takes!

RD45

Tandem roller

5 years /
5,000 hours
warranty



Powerful and versatile

The articulated RD45 is a powerful roller that offers balanced weight distribution on the front and rear drum which provides very even compaction results. It offers a high degree of driving stability and is easy to maneuver. Additionally, the excellent view compacted area and the large drum diameter contribute to first-class results. The ROPS roll-over protective structure, which can be folded away to the rear for transport, makes for a safer working environment.

Ergonomic work platform

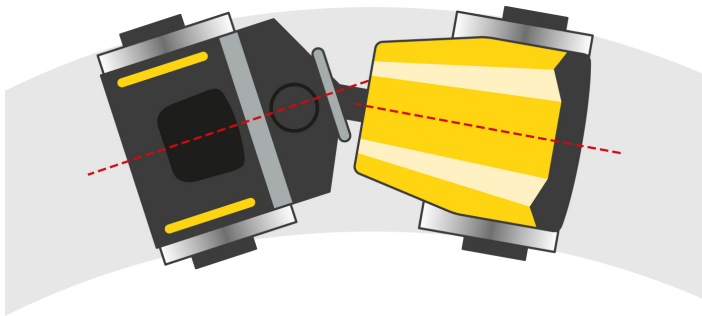


The ergonomic work platform is designed for reduced vibration. The low vibration, easy access and operability of all control elements increase working comfort, operator satisfaction and operator health.

Uniform operating concept



All RD and RC rollers have the same simple operating concept. This offers advantages for rental customers, as long instruction and incorporation into work are not necessary.

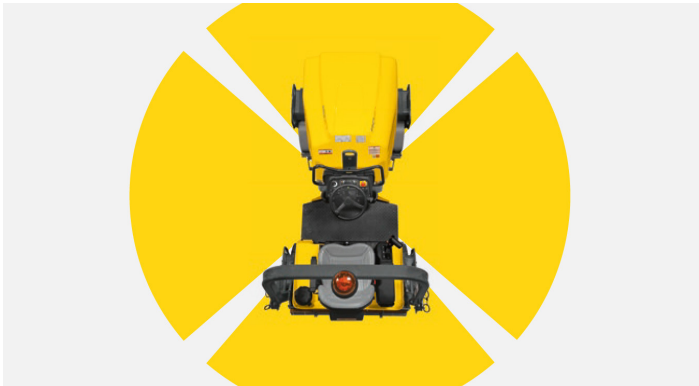


Three-point articulated pendulum joint.

The three-point articulated pendulum joint results in an even distribution of the weight on the front and rear drums/tires.

Technical Information

	Units	RD45
Mechanical - Output Details		
Gradeability		30%
Gradeability max. (without vibration)		40%
Travel speed	km/h	0.0 - 11
Static linear load (front)	kg/mm	1.58
Linear load with vibration Level I (rear)	kg/mm	5.19
Linear load with vibration Level II (rear)	kg/mm	3.12
Compaction force Level I (front)	kN	70
Compaction force Level II (front)	kN	42
Compaction force I (rear)	kN	70
Compaction force II (rear)	kN	42
Vibration frequency Level I (front)	Hz	57.0
Vibration frequency Level II (front)	Hz	48.0
Vibration frequency Level I (rear)	Hz	57.0
Vibration frequency Level II (rear)	Hz	48.0
Amplitude Level I (front)	mm	0.5100
Amplitude Level II (front)	mm	0.3100
Amplitude Level II (rear)	mm	0.3100
Centrifugal force Level I (front)	kN	58
Centrifugal force Level I (rear)	kN	58
Mechanical Details		
Length	mm	2,896
Width	mm	1,506
Height	mm	1,820
Operating weight	kg	4,345
Dry Weight	kg	4,090
Gross vehicular weight	kg	4,530
Curb clearance right and left	mm	63
Operating width	mm	1,380
Ground clearance Middle	mm	305
Turning radius inside	mm	2,650
Operating weight with roll-over protective structure	kg	4,345
Operating weight with cabin	kg	4,605



Large line-of-sight, compact construction.

The compact design provides an excellent view of the drums. This makes maneuvering and approaching walls and obstacles easier.

	Units	RD45
Wheelbase	mm	1,950
Operating weight, max	kg	5,300
Curb clearance left and right	mm	720
Total height with cabin	mm	2,720
Empty weight with cabin	kg	4,350
Empty weight with ROPS	kg	4,090
Turning radius outside	mm	4,030
Drum width	mm	1,380
Drum diameter	mm	898
Engine		
Cylinder capacity	cm3	2,197
Effective power	KW	34.6
Nominal engine speed	1/min	2,700
Standard (Effective power)		ISO 14396
Starter battery Voltage	V	12
Battery capacity (nom. value)	Ah	77
Manufacturer		Kubota
Environment Data		
Sound level LpA	dB(A)	87
Sound power LWA, measured	dB(A)	102
Sound power LWA, guaranteed	dB(A)	106
Exhaust aftertreatment		no
Catalyst		no
Particle filter		no
CO (NRSC)	g/KWh	1.0
CO2 (NRSC)	g/KWh	791
HC + NOx (NRSC)	g/KWh	6.6
PM (NRSC)	g/KWh	0.4
Operating Fluids		
Water tank capacity	l	260
Fuel Tank capacity	l	73
Chassis		
Pendulum angle +/-	°	8