

RTSC3

Maneuver easily, work safely: thanks to the articulated joint and the operation via remote control. In this way, you always have a reliable reception in trench shoring, even in blind zones through cross braces.

- Maneuver easily thanks to the articulated joint
- Compaction performance from 34 kN to 68 kN
- Very high compaction performance due to the exciters, which are located below the shaft
- Thanks to the remote control, the operator is not exposed to any mechanical loads, such as hand-arm vibrations
- Protection from dust, exhaust fumes and noise emissions due to the distance to the compaction equipment
- Easy cleaning and maintenance thanks to the easily accessible machine components
- Irregularities in the engine functions are immediately discovered via the diagnostic LED display



Very good compaction results due to the cleated drums and high centrifugal force.

Compatec – the compaction control:

Compatec shows the degree of compaction of the ground. The maximum compaction is achieved once the number of displayed lights remains constant.



Change the drum width:
With the RTSC3, this is done with a few easy steps.



Safe and comfortable control
of the RTSC3 via remote control.

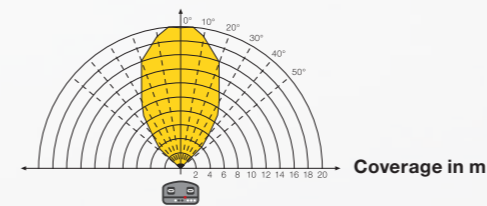


	RTX-SC3	RTX-SC3
	Kubota engine	Kohler engine
Performance	34.2–68.4 kN	34.2–68.4 kN
Weight	1,467 kg	1,495 kg
Engine type	Diesel engine	

Infrared remote control

Far-reaching control:

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

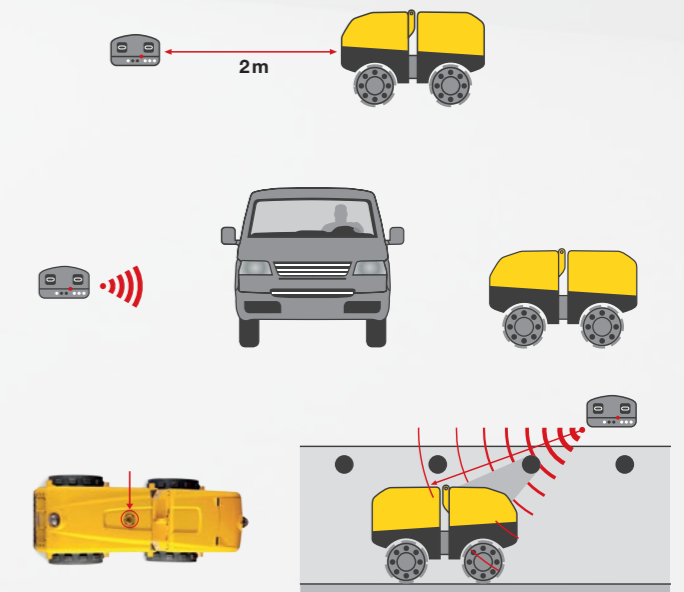


High level of safety:

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 the minimum safety distance of less than 2 meters between the operator and machine is reached.

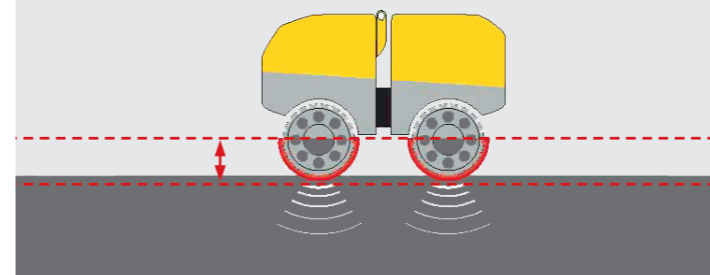


Additional 3rd infrared contact point prevents losses of signal:

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.

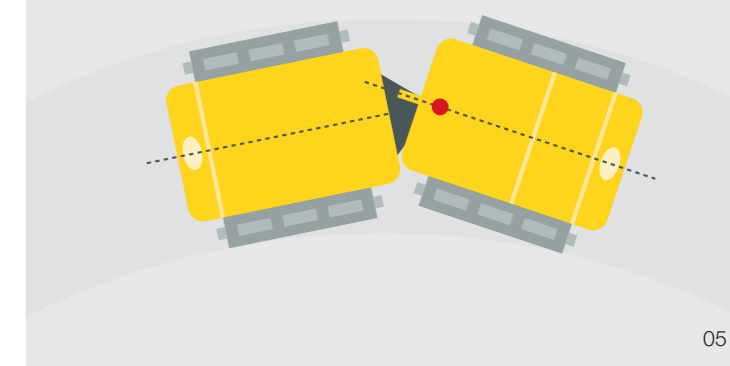
Strategically placed:

Due to the low location below the central axis of the drums, the centrifugal forces are directly transferred into the ground: for a high compaction performance.



Articulated joint technology:

For easy maneuvering.



Technical data (trench, combination and tandem rollers)

		RTX-SC3	RTX-SC3	RD7H	RD7He	RD7A	RD7Ye	RD18-80	RD18-100	RD18-100c	RD24-100	RD24-100c	RD24-100o	RD27-120	RD27-120c	RD27-120o	RD40-130	RD40-130c	RD40-130o	RD45-140	RD45-140c	RD45-140o	
UNIT																							
Max. operating weight	kg	1,467	1,495	716.40	736.41	685.83	725.50	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	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	820	820	698.5	698.5	698.5	698.5	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	
Side overhang (left/right)	mm	-	-	25.1	25.4	25.4	25.1	-	-	-	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	1,600	421.6	421.6	421.6	421.6	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	-	cleated	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	
Drum type in rear	-	cleated	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	
Tire size in rear	-	-	-	-	-	-	-	-	-	-	-	205/60-R15	-	-	9.5/65-15	-	-	-	-	-	10.5/80-16	-	
Drive	-	Kubota D902	Kohler KDW 1.003	One cylinder, 4-cycle, air-cooled, diesel engine, Hatz engine		Honda gasoline engine air-cooled, single-cylinder, 4-cycle engine	Vertical cylinder, 4-cycle, air-cooled, diesel engine, Yanmar engine	Kubota diesel engine D1005			Kubota diesel engine D1503						Kubota diesel engine V2203						
Output (ISO 14396)	kW	15.5	14.8	6.03	6.03	7.13	6.2	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	24	24	5	5	6	5.4	33	33	33	42	42	42	42	42	42	73	73	73	73	73	73	
Infinitely variable speed	km/h	1.5	2.5	0-4.5	0-4.5	0-4.5	0-4.5	0-11	0-11	0-11	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	%	50/50	50/45	40/45	40/45	40/45	40/45	30/40	30/40	30/40	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	68.4	22.2	22.2	22.2	22.2	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	64/39	
Centrifugal force rear I/II	kN	68.4	68.4	13.1	13.1	13.1	13.1	25/16	25/16	-	46/28	-	-	52/32	-	-	-	-	-	64/39	-	-	
Water tank capacity	l	-	-	-	-	-	-	70	70	70	180	180	180	180	180	180	285	285	285	285	285	285	

Configuration options

	RD18	RD24	RD27	RD40	RD45
CE conformity	●	●	●	●	●
Warning signs, DIN/ISO	●	●	●	●	●
Scraper bar, fold-down	●	●	●	●	●
Roll-over protective structure, fold-down	●	●	●	●	●
Black artificial leather operator's seat	●	●	●	●	●
Anthracite fabric operator's seat	-	-	-	-	-
Black artificial leather operator's seat, comfort outfitting	●	●	●	●	●
Hydraulic oil, standard	●	●	●	●	●
Hydraulic oil, biodegradable	○	○	○	○	○
Belt guard	●	●	●	●	●
Antifreeze injection	○	○	○	○	○
Edge pressing and cutting equip. front right	-	○	○	○	○
Cutting wheel, diameter of 350 mm	-	○	○	○	○
Pressure roll 45 degrees, 5 cm layer	-	○	○	○	○
Pressure roll 45 degrees, 8 cm layer	-	-	-	○	○
Pressure roll 60 degrees, 5 cm layer	-	○	○	○	○
Pressure roll 60 degrees, 8 cm layer	-	-	-	○	○

● Standard ○ Option - Not available

	RD18	RD24	RD27	RD40	RD45
Complete stone chippings spreader, precision roller spreader (combination roller)	-	○	○	-	-
Complete stone chippings spreader, precision roller spreader	-	-	-	○	○
Reverse operation alarm, volume-regulating	○	-	-	○	○
Backup alarm	-	○	○	-	-
Lighting StVZO [Road Traffic Licensing Regulations]	●	●	●	●	●
Work lighting on roll-over protective structure, dual	○	-	-	-	-
Work lighting on roll-over protective structure, 4-times, halogen	-	○	○	○	○
Rotating beacon on roll-over protective structure	○	○	○	○	○
Acoustic insulation (proofing)	○	○	○	○	○
Vehicle tool kit	●	●	●	●	●
Flow divider	-	○	○	○	○
Industrial Supervisory Board final acceptance	○	○	○	○	○

TRENCH ROLLER	RTSC3
2. Engine	●
Drum sets	○

Explanation of nomenclature
 ○ = Oscillation roller
 □ = Combination roller