



**WACKER  
NEUSON**  
*all it takes!*

## Tandem Rollers

1.2- to 4.5-ton



### Versatility and productivity

Choose from a large variety of ride-on rollers to compact sub-base areas and asphalt. Designed to increase productivity, while offering operator comfort and convenience.

### Quality compaction

Three-point articulated pendulum joint provides even weight distribution and consistent compaction, as well as improves maneuverability and stability when turning.

# Performance Data

	Unit	RD12L-90	RD18-80	RD18-100	RD18-100c	RD24-100	RD24-100c	RD24-100o
Length x width x height	in	74 x 38.8 x 90.6	90 x 33.7 x 87	90 x 41.6 x 90.4	90 x 40.9 x 87	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1
Drum width	in	35.4	31.5	39.4	39.4	39.4	39.4	39.4
Max. Operating weight	lbs	2,964	3,725	3,924	3,836	7,033	6,856	7,143
Side clearance left / right	in	1.7 / 1.7	0 / 0	0 / 0	0 / 0	2.2 / 2.2	2.2 / 2.2	2.2 / 2.2
Turning radius (inside)	in	76.8	87.8	83.9	83.9	97.3	97.3	97.3
Drum type front		smooth	smooth	smooth	smooth	smooth	smooth	smooth
Drum type rear		smooth	smooth	smooth	tires	smooth	tires	smooth
Tire size in rear			-	-	205/60 - R15	-	205/60 - R15	-
Engine type		Kohler ECH750, air-cooled, 2-cylinder, gasoline engine.	Kubota D1105-E4B, 3-cylinder, diesel engine.	Kubota D1105-E4B, 3-cylinder, diesel engine.		Kubota 1703, 3-cylinder, diesel engine.		
Power output (ISO 14396)	hp	20.8	21.9	21.9	21.9	24.8		
Fuel tank capacity	gal	6.3	8.7	8.7	8.7	11.1		
Infinitely variable speed	mph	0-5	0-6.8	0-6.8	0-6.8	0 - 6.3	0 - 6.0	0 - 6.3
Gradeability w/wo vibration	%	25 / 30	30 / 40	30 / 40	30 / 40	30 / 40	30 / 40	30 / 40
Centrifugal force, front (I/II)	lbf	3,400 / -	3,822 / 2,473	3,824 / 2,473	3,824 / 2,473	7,419 / 4,496	7,419 / 4,496	7,419 / 4,496
Centrifugal force, rear (I/II)	lbf	-	3,822 / 2,473	3,822 / 2,473	-	7,419 / 4,496	-	-
Oscillation force, rear (I/II)	lbf					-	-	8,767 / 5,170
Water tank capacity	gal	35	18.5	18.5	18.5	47.6	47.6	47.6

	Unit	RD28-120	RD28-120c	RD28-120o	RD40-130	RD40-130c	RD40-130o	RD45-140	RD45-140c	RD45-140o
Length x width x height	in	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1	99.6 x 43.7 x 94.1	116.7 x 56.1 x 102	116.7 x 56.1 x 102	116.7 x 56.1 x 102	116.7 x 56.1 x 102	116.7 x 56.1 x 102	116.7 x 56.1 x 102
Drum width	in	47.2	47.2	47.2	51.2	51.2	51.2	54.3	54.3	54.3
Max. operating weight	lbs	7,518	7,319	7,650	11,816	11,265	11,971	12,412	11,574	12,623
Side clearance left / right	in	2.2 / 2.2	2.2 / 2.2	2.2 / 2.2	2.5 / 2.5	2.5 / 2.5	2.5 / 2.5	2.5 / 2.5	2.5 / 2.5	2.5 / 2.5
Turning radius (inside)	in	93.3	93.3	93.3	105.9	105.9	105.9	104.3	104.3	104.3
Drum type front		smooth	smooth	smooth	smooth	smooth	smooth	smooth	smooth	smooth
Drum type rear		smooth	tires	smooth	smooth	tires	smooth	smooth	tires	smooth
Tire size in rear		-	205/60 - R15	-	-	10.5/80 - 16	-	-	10.5/80 - 16	-
Engine type		Kubota Diesel 1703, 3-cylinder, diesel engine.			Kubota V2403-CR, 4-cylinder, diesel engine.		Kubota V2403-CR, 4-cylinder, diesel engine.			
Power output	hp	24.8			50.2		50.2			
Fuel tank capacity	gal	11.1			19.3		19.3			
Infinitely variable speed	mph	0 - 6.3	0 - 6.0	0 - 6.3	0 - 6.8	0 - 6.8	0 - 6.8	0 - 6.8	0 - 6.8	0 - 6.8
Gradeability with/without vibration	%	30 / 40	30 / 40	35 / 40	30 / 40	30 / 40	30 / 40	30 / 40	30 / 40	30 / 40
Centrifugal force, front (I/II)	lbf	8,543 / 5,171	8,543 / 5,171	8,543 / 5,171	14,388 / 8,768	14,388 / 8,768	14,388 / 8,768	14,388 / 8,768	14,388 / 8,768	14,388 / 8,768
Centrifugal force, rear (I/II)	lbf	8,543 / 5,171	-	-	14,388 / 8,768	-	-	14,388 / 8,768	-	-
Oscillation force, rear (I/II)	lbf	-	-	8,767 / 5,170	-	-	16,186 / 9,666	-	-	16,186 / 9,666
Water tank capacity	gal	47.6	47.6	47.6	75.3	75.3	75.3	75.3	75.3	75.3

