

## 2.5-ton Hydrostatic Vibratory Roller



The RD 27 series provides the ultimate in compaction versatility. Your choice of high or low compaction force to fit a variety of conditions and applications.



RD 27

### TECHNICAL DATA

Dry weight	lbs
Operating weight*	lbs
Drum diameter	in
Drum width	in
Overall size (l x w x h)**	in
Curb clearance (R and L)	in
Side clearance (R and L)	in
Water tank capacity	gal
Shipping weight	lb
Shipping size (l x w x h)	in
Engine type	
Displacement	in <sup>3</sup>
Operating speed	rpm
Max. rated power at rated speed	hp @ rpm
Power rating specification	
Fuel consumption (at 2470/2800 rpm)	gal/h
Fuel tank capacity	gal
Electrical system	Vdc
Number of vibrating drums	
Dynamic (centrifugal) force per drum	lbs
Frequency	vpm
Static linear force, front/rear	lb/in
Dynamic linear force (at 2700 rpm) Low / High	lb/in
Compaction depth for soil/asphalt	in
Forward/reverse speed (at 2700 rpm) (infinitely variable)	mph ft/min
Maximum gradeability	%
Outside turning radius	in
Max. area capacity	ft <sup>2</sup> /h

### RD 27-100

### RD 27-120

5030	5510
5470	5950
27.6	27.6
39.4	47.2
98.4 x 43.5 x 109.1	98.4 x 51.4 x 109.1
20.2	20.2
2	2
50	50
5340	5820
88 x 47 x 108	88 x 55 x 108
liquid-cooled, 3 cylinder, Kubota diesel	
111.4	111.4
2700	2700
37.5 @ 2700	37.5 @ 2700
SAE J1995	SAE J1995
1.4	1.4
13.6	13.6
12	12
1 or 2	1 or 2
6295 / 8430	7643 / 10,116
3444 / 3960	3444 / 3960
64.9 / 77.2	56.2 / 66.7
159.9 / 214.1	159.9 / 214.1
24/6	24/6
0-6.2 0-546	0-6.2 0-546
35	35
143.3	147.2
107,639	129,167

\* Includes 175 lb. operator, half-full water tank, half-full fuel tank. \*\* Height to top of beacon.

COMPACTION

CONCRETE

DEMOLITION

UTILITY

CLIMATE