

VIBRATORY TANDEM ROLLER

**RD 16-90 / RD 16-100
(DIESEL)**



ENGINE / MOTOR

ROLLER MODEL	RD 16-90 / RD 16-100
ENGINE / MOTOR MANUFACTURER	Kohler / Kohler KDW 1003
ENGINE / MOTOR	Liquid-cooled, 3-cyl, diesel engine
DISPLACEMENT	1028 cm ³
OPERATING PERFORMANCE MAX.	16.8 kW (DIN ISO 3046)
AT rpm	3400 rpm
FUEL CONSUMPTION	4.9 l/h

OPERATING DATA

	RD 16-90 /	RD 16-100
MODEL		
OPERATING WEIGHT	1485 /	1520 kg
CENTRIFUGAL FORCE	15 kN	
L x W x H	1950 x 1002 x 2547 mm	
DRUM WIDTH	900 /	1000 mm
DRUM DIAMETER	560 mm	
SIDE CLEARANCE (right/left)	44 mm	
CURB CLEARANCE (right/left)	400 /	399 mm
FREQUENCY	70 Hz	
LINEAR FORCE (STATIC) (front/rear)	7.6/8.6 /	6.9/7.9 N/mm
LINEAR FORCE (DYNAMIC) (front)	16.8 /	15.1 N/mm
TRAVEL SPEED FORWARD *	9.3 km/h	
TRAVEL SPEED REVERSE *	9.3 km/h	
SURFACE CAPACITY MAX. *	8370 m ² /h	
GRADEABILITY MAX. (without vibration) *	30%	
TURNING RADIUS OUTSIDE	2921 /	2971 mm

* Depending on soil & environmental factors

APPLICATIONS

High quality finish for asphalt applications