

VIBRATORY TANDEM ROLLER

RD 27-100 / RD 27-120 (DIESEL)



ENGINE / MOTOR

ENGINE / MOTOR MANUFACTURER	Kubota D1803
ENGINE / MOTOR	Liquid-cooled, 3-cyl, diesel engine
DISPLACEMENT	1830 cm ³
OPERATING PERFORMANCE MAX.	28 kW (DIN ISO 3046)
AT rpm	2700 rpm
FUEL CONSUMPTION	5.3 l/h
FUEL TANK CAPACITY	51.5 l

OPERATING DATA

	RD 27-100 /	RD 27-120
MODEL	2480 /	2700 kg
OPERATING WEIGHT	56-75 /	68-90 kN
CENTRIFUGAL FORCE DYNAMIC DRUM (low – high)		
L x W x H	2500 x 1105 x 2770/	2500 x 1305 x 2770 mm
DRUM WIDTH	1000 /	1200 mm
DRUM DIAMETER	700 mm	
SIDE CLEARANCE (right/left)	51 mm	
CURB CLEARANCE (right/left)	513 mm	
FREQUENCY (low – high)	57.4 – 66 Hz	
LINEAR FORCE STATIC (front/rear)	11.4/13.5 /	9.8/11.7 N/mm
LINEAR FORCE DYNAMIC (front/rear) LOW	28 N/mm	
LINEAR FORCE DYNAMIC (front/rear) HIGH	37.5 N/mm	
TRAVEL SPEED FORWARD *	10 km/h	
TRAVEL SPEED REVERSE *	10 km/h	
SURFACE CAPACITY MAX. *	10000 /	12000 m ² /h
GRADEABILITY MAX. (without vibration) *	35%	
TURNING RADIUS OUTSIDE	3640 /	3740 mm

* Depending on soil & environmental factors

APPLICATIONS

High quality finish for asphalt applications