



ALL FOR SHOPS AND WAREHOUSES

VVN

Road rollers

Complete line of applications and accessories
Excellent ergonomics design
Powerful engine



Models described in the catalog:

VVN RR 30

VVN RR 100

VVN RR 120

VVN RR2 120

VVN RR 140

VVN RR2 140

VVN RR 160

VVN RR 180

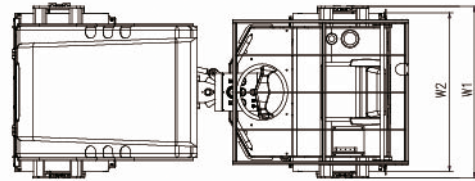
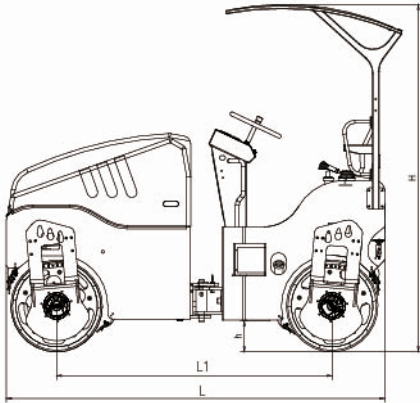
VVN RR 200

VVN RR2 200

VVN RR 260

VVN RR 30

overall specifications



Weight	Operating Weight(kg)	3000
	Weight Burden on Front drum(kg)	1400
	Weight Burden on Rear Wheel(kg)	1580
	Static Linear Load(N/cm)	123/123
Compaction	Centrifugal Force(kN)	30
	Nominal Amplitude(mm)	0.5
	Vibration Frequency(Hz)	50
Working	Min. Turning Radius(mm)	4050
	Grade Ability(%)	30
	Steering Angle(°)	35
	Swing Angle(°)	10
	Travel Speed(km/h)	0-8
Dimension	Length×Width×Height(mm)	2925×1330×2696
	Width of Drum(W2)(mm)	1200
	Diameter of Drum(mm)	700
	Rim Thickness of Drum(mm)	12
	Wheelbase(L1)(mm)	2054
	Min ground clearance(h)(mm)	233
Engine	Manufacturer	Changchai
	Model	ZN390Q
	Rated Power(kW)	25
	Rated Speed(rpm)	2600
Maintenance	Fuel Tank Capacity(L)	50
	Hydraulic Tank Capacity(L)	75
	Ride Control	Mechanical Shift
	Vibration Control	Electric Control
	Service Brake	Hydraulic Lock Front and Rear Brake
	Parking Brake	Oil Cut Front and Rear Wheel Brake
	Drive Type	Hydrostatic Drive
	Vibration Type	Close-loop Hydraulic Vibration System
	Optional	Air Conditioner
		Cold Start
		Coated Cams



ALL FOR SHOPS AND WAREHOUSES

LATVIA

SIA "Viss Veikaliem un Noliktavām"
41A - 224 Kan davas street, Rīga, LV-10 83
Phone: +371 27727449 (latvian, english),
+371 22074120 (l atvian, russian, english),
+371 20330002 (latvian, russian, english)
E-mail: info@vvn.lv

www.vvn.lv

LITHUANIA

Phone: +370 70066080
E-mail: info@vvn.lt
www.vvn.lt

NORWAY

Phone: +47 219558 68
E-mail: info@vvn.no
www.vvn.no

ESTONIA

Phone: +372 634633 2,
+372 63463 42
E-mail: info@vvn.ee
www.vvn.ee

DENMARK

E-mail: info@vvn.dk
www.vvn.dk

FINLAND

Phone: +358 7532633 23
E-mail: info@vvn.fi
www.vvn.fi

RUSSIA

Phone: +7 849960925 1 5
E-mail: info@vvn.ru
www.vvn.ru

SWEDEN

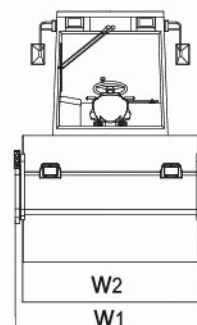
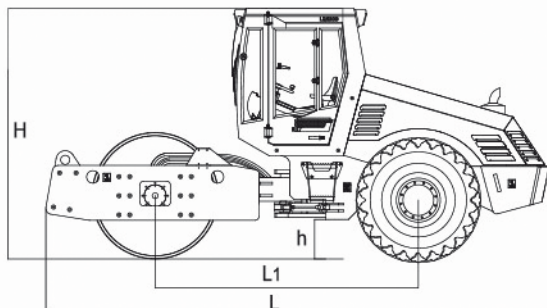
Phone: +46 107502388
E-mail: info@vvn.se
www.vvn.se

BELARUS

Phone: +375 849960925 1 5
E-mail: info@vvn.by
www.vvn.by

VVN RR 100 / VVN RR 120 / VVN RR 140 / VVN RR 160

overall specifications



Weight	Operating Weight(kg)	10000	12000	14000	16000
	Weight Burden on Front Drum(kg)	5000	6000	7000	7700
	Weight Burden on Rear Wheel(kg)	5000	6000	7000	8300
	Static Linear Load(N/cm)	235	277	330	360
Compaction	Centrifugal Force(kN)	240/150	280/180	290/160	310/190
	Nominal Amplitude(mm)	1.8/0.9	1.8/0.9	1.8/0.9	1.9/0.9
	Vibration Frequency(Hz)	28	28	28	28
Travel	Min. Turning Radius(mm)	6500	6500	6300	6300
	Grade Ability(%)	30	30	30	30
	Steering Angle(°)	30	30	30	30
	Swing Angle(°)	10	10	10	10
	Travel Speed Forward(km/h)	1.9/3.3/9.1	1.9/3.3/9.1	2.1/3.9/8.4	2.2/4.5/9.2
	Travel Speed Reverse(km/h)	1.9/3.3	1.9/3.3	2.3/3.9	2.2/4.5
Dimension	Length×Width×Height(mm)	5975×2260×3250	5975×2260×3250	5975×2280×3278	6140×2300×3365
	Width of Drum(W2)(mm)	2120	2120	2120	2120
	Diameter of Drum(mm)	1520	1520	1520	1520
	Rim Thickness of Drum(mm)	20	25	30	30
	Wheelbase(L1)(mm)	3135	3135	3100	3100
	Min ground clearance(h)(mm)	420	420	420	420
Engine	Manufacturer	Yuchai	Yuchai	Weichai	Yuchai
	Model	YC6B120-T20	YC6B120-T20	WP6G125E202	YC6B150Z-T21
	Rated Power(kW)	85	85	92	110
	Rated Speed(rpm)	2200	2200	2000	2000
Storage Battery	Voltage(V)	12	12	12	12
	Capacity(Ah)	120×2	120×2	120×2	120×2
Maintenance	Fuel Tank Capacity(L)	220	220	220	250
	Hydraulic Tank Capacity(L)	220	220	220	140
	Tire Type	17.5-25 12PR	17.5-25 12PR	23.1-26 8PR	23.1-26 12PR
	Service Brake	Air Booster Caliper Rear Axle Brake			
	Parking Brake	Shaft Controlling Brake of Gear Box			
	Drive Type	Mechanical Drive			
	Vibration Type	Open-loop Hydraulic Vibration System			
	Optional	Air Conditioner			
		Cold Start			
		Coated Cams			



ALL FOR SHOPS AND WAREHOUSES

LATVIA

SIA "Viss Veikaliem un Noliktavām"
41A - 224 Kan davas street, Rīga, LV-10 83
Phone: +371 27727449 (latvian, english),
+371 22074120 (l atvian, russian, english),
+371 20330002 (latvian, russian, english)
E-mail: info@vvn.lv

www.vvn.lv

LITHUANIA

Phone: +370 70066080
E-mail: info@vvn.lt
www.vvn.lt

NORWAY

Phone: +47 219558 68
E-mail: info@vvn.no
www.vvn.no

ESTONIA

Phone: +372 634633 2,
+372 63463 42
E-mail: info@vvn.ee
www.vvn.ee

DENMARK

E-mail: info@vvn.dk
www.vvn.dk

FINLAND

Phone: +358 7532633 23
E-mail: info@vvn.fi
www.vvn.fi

RUSSIA

Phone: +7 849960925 1 5
E-mail: info@vvn.ru
www.vvn.ru

SWEDEN

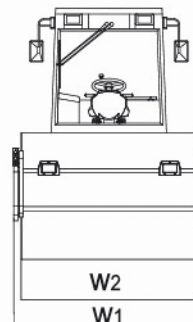
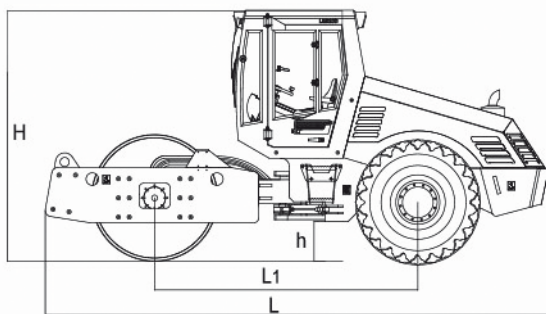
Phone: +46 107502388
E-mail: info@vvn.se
www.vvn.se

BELARUS

Phone: +375 849960925 1 5
E-mail: info@vvn.by
www.vvn.by

VVN RR2 120 / VVN RR2 140 / VVN RR 180 / VVN RR2 200

overall specifications



Weight	Operating Weight(kg)	12000	14000	18000	20000
	Weight Burden on Front Drum(kg)	6500	7500	10500	12500
	Weight Burden on Rear Wheel(kg)	5500	6500	7500	7500
	Static Linear Load(N/cm)	303	373	490	580
Compaction	Centrifugal Force(kN)	270/180	290/200	370/280	400/300
	Nominal Amplitude(mm)	1.8/0.9	1.8/0.9	2.1/1.0	2.1/1.0
	Vibration Frequency(Hz)	30/36	30/36	28/35	28/35
Travel	Min.Turning Radius(mm)	6500	6500	7000	7000
	Grade Ability(%)	40	40	45	45
	Steering Angle(°)	30	30	30	30
	Swing Angle(°)	10	10	10	10
	Travel Speed (km/h)	0-10.8	0-10.8	0-10.8	0-10.8
Dimension	Length×Width×Height(mm)	5978×2280×3220	5978×2280×3220	6118×2300×3220	6118×2300×3220
	Width of Drum(W2)(mm)	2120	2120	2120	2120
	Diameter of Drum(mm)	1532	1532	1532	1532
	Rim Thickness of Drum(mm)	25	25	46	46
	Wheelbase(L1)(mm)	3135	3135	3189	3189
	Min ground clearance(h)(mm)	422	422	422	422
Engine	Manufacturer	DF Cummins	DF Cummins	DF Cummins	DF Cummins
	Model	6BTA5.9-C150	6BTA5.9-C150	6CTA8.3	6CTA8.3
	Rated Power(kW)	112	112	160	160
	Rated Speed(rpm)	2200	2200	2200	2200
Maintenance	Fuel Tank Capacity(L)	280	280	280	280
	Hydraulic Tank Capacity(L)	90	90	90	90
	Tire Type	23.1-26 8PR	23.1-26 8PR	23.1-26 12PR	23.1-26 12PR
	Service Brake	Hydraulic Lock Front and Rear Brake			
	Parking Brake	Oil Cut Front and Rear Wheel Brake			
	Drive Type	Hydrostatic Drive			
	Vibration Type	Close-loop Hydraulic Vibration System			
Optional	Plateau Engine	Air Conditioner	Air Conditioner	Air Conditioner	Air Conditioner
	Limited Slip Axle	Cold Start	Cold Start	Cold Start	Cold Start
	Air Conditioner	Coated Cams	Coated Cams	Coated Cams	Coated Cams
	Cold Start				
	Coated Cams				



ALL FOR SHOPS AND WAREHOUSES

LATVIA

SIA "Viss Veikaliem un Noliktavam"
41A - 224 Kan davas street, Riga, LV-10 83
Phone: +371 27727449 (latvian, english),
+371 22074120 (l atvian, russian, english),
+371 20330002 (latvian, russian, english)
E-mail: info@vvn.lv

www.vvn.lv

LITHUANIA

Phone: +370 70066080
E-mail: info@vvn.lt
www.vvn.lt

NORWAY

Phone: +47 219558 68
E-mail: info@vvn.no
www.vvn.no

ESTONIA

Phone: +372 634633 2,
+372 63463 42
E-mail: info@vvn.ee
www.vvn.ee

DENMARK

E-mail: info@vvn.dk
www.vvn.dk

FINLAND

Phone: +358 7532633 23
E-mail: info@vvn.fi
www.vvn.fi

RUSSIA

Phone: +7 849960925 1 5
E-mail: info@vvn.ru
www.vvn.ru

SWEDEN

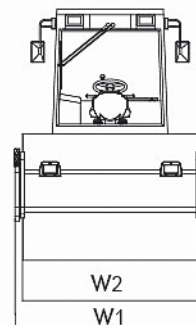
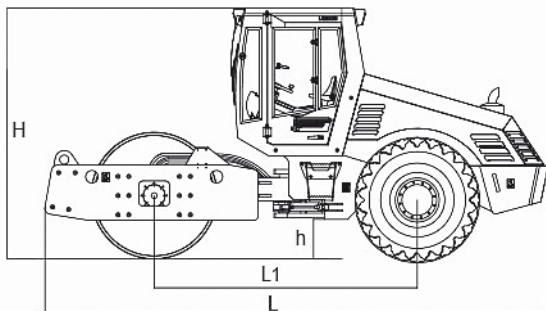
Phone: +46 107502388
E-mail: info@vvn.se
www.vvn.se

BELARUS

Phone: +375 849960925 1 5
E-mail: info@vvn.by
www.vvn.by

VVN RR 200 / VVN RR 260

overall specifications



Weight	Operating Weight(kg)	20000	26000
	Weight Burden on Front drum(kg)	9700	12500
	Weight Burden on Rear Wheel(kg)	10300	13500
	Static Linear Load(N/cm)	470	580
Compaction	Centrifugal Force(kN)	400/280	425/305
	Nominal Amplitude(mm)	1.9/1.0	2.1/1.0
	Vibration Frequency(Hz)	28/33	28/33
Working	Min. Turning Radius(mm)	6500	7500
	Grade Ability(%)	30	30
	Steering Angle(°)	32	35
	Swing Angle(°)	10	10
	Travel Speed Forward(km/h)	2.5/5.0/8.2	2.5/5.0/8.2
	Travel Speed Reverse(km/h)	2.5/5.0	2.5/5.0
Dimension	Length×Width×Height(mm)	6298×2280×3096	6398×2300×3096
	Width of Drum(W2)(mm)	2130	2130
	Diameter of Drum(mm)	1600	1600
	Rim Thickness of Drum(mm)	36	36
	Wheelbase(L1)(mm)	3430	3465
	Min ground clearance(h)(mm)	427	420
Engine	Manufacturer	Shangchai	Shangchai
	Model	SC8D175.1G2B1	SC8D200.2G2B1
	Rated Power(kW)	128	147
	Rated Speed(rpm)	2000	2000
Storage Battery	Voltage(V)	12	12
	Capacity(Ah)	120×2	120×2
Maintenance	Fuel Tank Capacity(L)	350	350
	Hydraulic Tank Capacity(L)	120	120
	Tire Type	23.1-26 12PR	20.5-25 16PR
	Service Brake	Air booster Caliper Rear Axle Brake	
	Parking Brake	Shaft Controlling Brake of Gear Box	
	Drive Type	Mechanical Drive	
	Vibration Type	Close-loop Hydraulic Vibration System	
Optional		Air Conditioner	
		Cold Start	
		Coated Cams	



ALL FOR SHOPS AND WAREHOUSES

LATVIA

SIA "Viss Veikaliem un Noliktavām"
41A - 224 Kan davas street, Rīga, LV-10 83
Phone: +371 27727449 (latvian, english),
+371 22074120 (l atvian, russian, english),
+371 20330002 (latvian, russian, english)
E-mail: info@vvn.lv

www.vvn.lv

LITHUANIA

Phone: +370 70066080
E-mail: info@vvn.lt
www.vvn.lt

NORWAY

Phone: +47 219558 68
E-mail: info@vvn.no
www.vvn.no

ESTONIA

Phone: +372 634633 2,
+372 63463 42
E-mail: info@vvn.ee
www.vvn.ee

DENMARK

E-mail: info@vvn.dk
www.vvn.dk

FINLAND

Phone: +358 7532633 23
E-mail: info@vvn.fi
www.vvn.fi

RUSSIA

Phone: +7 849960925 1 5
E-mail: info@vvn.ru
www.vvn.ru

SWEDEN

Phone: +46 107502388
E-mail: info@vvn.se
www.vvn.se

BELARUS

Phone: +375 849960925 1 5
E-mail: info@vvn.by
www.vvn.by