



STANDARD

VV 2010 D / VV 2010 PD

- Cabin ventilated and heated
- Two mode vibrator
- Articulated frame
- Interwheel differential lock
- Working halogen headlights
- Hand-pump hood and cabin tilting
- Painting STA : yellow, grey

VV 2010 D

- Tyres 23,5-25 EM tread NB 57 (EM-30) (20 PR)

VV 2010 PD

- Tyres 23,5-25 EM tread NB 38 (EM-20) (16 PR)

OPTIONS

VV 2010 D / VV 2010 PD

- Operator platform without cabin with rails
- Lockable vandal guard
- Dozing blade
- Electrohydraulic cabin and hood tilting
- Diff lock interaxle ASC
- ROPS protection (obligatory for CE)
- Cabin FOPS protection
- FOPS sun roof (mounted to ROPS)
- ROPS canvas canopy (mounted to ROPS)
- Air conditioning
- Compaction indicator
- Compaction indicator printer
- Fan safety screen
- Alternator safety screen
- Back up alarm
- Engine speed indicator
- Tyres ballast liquid filling to 0 centigrades
- Tyres ballast liquid filling to -25 centigrades
- Special painting

VV 2010 D

- Segment kit 150 pads
- Tyres 23,5-25 EM tread NB 38 (EM-20) (16 PR) instead of standard ones

VV 2010 PD

- Tyres 23,5-25 EM tread NB 57 (EM-30) (20 PR) instead of standard ones

is a new generation vibratory roller with the high comfort for an operator, up-to-date design with the "1 x 1 m" visibility and with an extremely low gravity centre. VV 2010 D is designed for large scale compaction of rockfill, loose, semi-cohesive materials and stabilization. The machine is based on an articulated frame with a hydrostatic drive system of a smooth vibratory drum and two rubber tyred wheels. VV 2010 PD is designed for large scale compaction of semi-cohesive and cohesive materials. The machine is based on an articulated frame with a hydrostatic drive system of a padded vibratory drum and two rubber tyred wheels. Direct drive of the rear wheels through the hydromotors with gearboxes enables a very low built in mounting of the driving power unit, by keeping the minimal length of the machine. It offers to the user the advantage of an excellent view from the operator's place and excellent machine stability and manoeuvrability in comparison with the other machines, which are equipped with the rigid driving axles. The vibration source is a double staged undirected vibration exciter, placed in the centre of the drum. The machine is equipped with a hydrostatic drive of all machine functions, Cummins engine, hydraulic Sauer-Danfoss. It fulfils the requirements of pollutants emission directives 97/68/ECE Stage 2 and EPA/CARB Tier 2. The machine meets the CE marking conditions. **Blade version available.**

MAXIMAL COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS (m)

	Rockfill	Sand /Gravel	Mixed soils	Silt	Clay	Stabilization
VV 2010 D	1,80 m	1,10 m	0,90 m	0,70 m	0,35 m	-
VV 2010 PD	-	-	0,90 m	0,70 m	0,40 m	-



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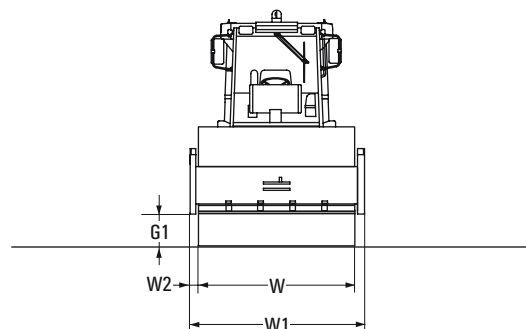
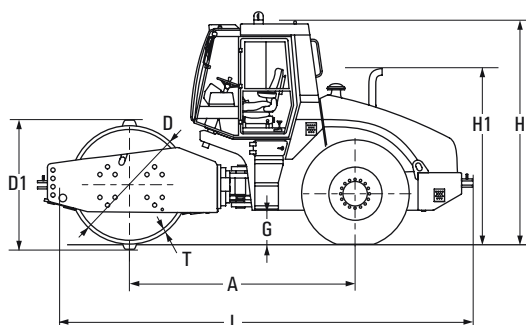
CERTIFICATED:
ISO 9001

VV 2010 D VV 2010 PD



SINGLE DRUM ROLLERS - SMOOTH & PADDED (20 t)

size (mm)	A	D	D1	G	G1	H	H1	L	T	W	W1	W2
VV 2010 D	3160	1700		500	430	3265	2560	6300	45	2240	2500	120
VV 2010 PD	3160	1600	1840	500	430	3265	2560	6300	30	2240	2500	120



CAPACITY

	VV 2010 D	VV 2010 PD
Operating weight (CECE)	20705 kg	20775 kg

WEIGHTS

Ballast	1200 kg	1200 kg
Operating weight maximum	22075 kg	22145 kg
Drum load (CECE)	14150 kg	14220 kg
Axle load (CECE)	6555 kg	6555 kg
Static linear load	63,2 kg/cm	

DRUM

No. of pad feet		150
Height of pad		120 mm
Contact area of one pad foot		143 cm ²

STEERING

Steering angle (+ -)	36 deg	36 deg
Oscillation angle (+ -)	10 deg	10 deg
Turning radius inner (edge)	3900 mm	3900 mm
Turning radius outer (contour)	6280 mm	6280 mm
Transversal stability - straight	37 deg	37 deg

RIDING CHARACTERISTIC

No. of travel speeds	4	4
Maximal speed	10,5 km/h	10,6 km/h
Gradeability without vibration	50%	55%
Gradeability with vibration	50%	55%

BRAKES

Operation	Hydrostatic	Hydrostatic
Parking	Multi disc	Multi disc
Emergency	Multi disc	Multi disc

VIBRATION

Amplitudes	2 / 1 mm	2 / 1 mm
Frequencies	28 / 34 Hz	28 / 34 Hz
Centrifugal forces	400 / 300 kN	400 / 300 kN

TANKS

Fuel	405 lt	405 lt
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ELEKTROINSTALLATION

Voltage	24 V	24 V
Capacity of batteries	2 x 100 Ah	2 x 100 Ah

ENGINE

Make	Cummins	Cummins
Type	QSB5.9-40-TAA-C205	QSB5.9-40-TAA-C205
Rated power	153 kW	153 kW
Standard	ISO 3046/1 (DIN 6271)	ISO 3046/1 (DIN 6271)

Technical modifications and data reserved. Machines may be shown with options.



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