



is a new generation of a tandem vibratory roller with the high comfort for an operator, with up-to-date design and with splendid visibility from the operator's place. The VH 1000 has two unsplit, driven, vibrating, steerable and machined drums. The VH 1000 A has two split, driven, vibrating, steerable and machined drums. It is designed for mid and large scale compaction jobs at asphalt, loose and semi-cohesive materials. The machine is based on a rigid frame. It is equipped with a hydrostatic drive system, three mode steering system including the "crabbing mode", Cummins engine and 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.

## STANDARD

### VH 1000 / VH 1000 A

- Cabin ventilated and heated
- Rotating and sliding seat with steering wheel
- Both drums vibrating
- Two mode vibrators
- Backbone frame
- Crabbing up to 1290 mm to both sides
- Both drums are hydrostatically driven
- Working halogen headlights
- Painting STA: yellow, grey

### VH 1000

- Unsplit drums

### VH 1000 A

- Split drums

## OPTIONS

### VH 1000 / VH 1000 A

- Operator platform without cabin with rails
- Lockable vandal guard
- Engine CUMMINS 4BTA3.9-C110 (82 kW)
  - Stage 1 / Tier 1
- Chip spreader
- Additional headlights
- ROPS protection (obligatory for CE)
- ROPS canopy (mounted to ROPS)
- Air conditioning
- Edge cutter (both sides - diagonal)
- Edge cutter
- Beacon
- Back up alarm
- Special painting

### VH 1000 A

- Diff lock ASC total (interaxle and interdrum)

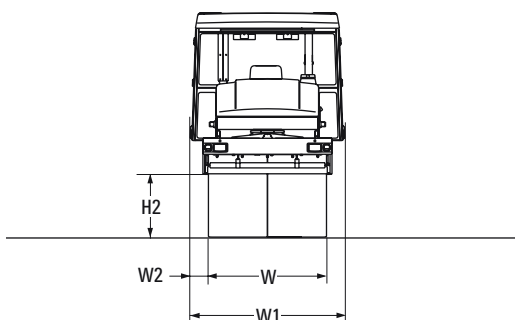
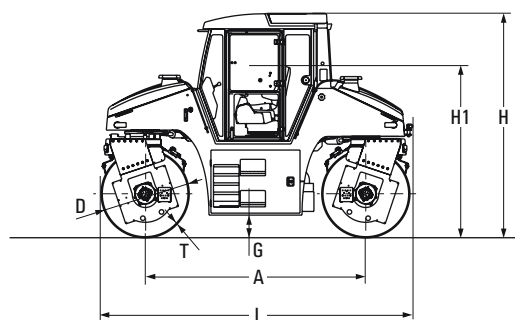
## MAXIMAL COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS (m)

	Asphalt	Sand/Gravel	Mixed soils	Silt	Clay	Stabilization
VH 1000	0,15 m	0,50 m	0,40 m	-	-	0,30 m
VH 1000 A	0,15 m	0,50 m	0,40 m	-	-	0,30 m

# VH 1000 VH 1000 A



size (mm)	A	D	G	H	H1	H2	L	T	W	W1	W2
<b>VH 1000</b>	3060	1300	440	3096	2424	887	4360	17	1700	2165	70
<b>VH 1000 A</b>	3060	1300	440	3096	2424	887	4360	17	1700	2165	70



CAPACITY	VH 1000	VH 1000 A
Operating weight (CECE)	10330 kg	10540 kg
Compacting width maximum	2990 mm	2990 mm
Drum offset	1290 mm	1290 mm

WEIGHTS	VH 1000	VH 1000 A
Operating weight maximum	11200 kg	11320 kg
Front drum load (CECE)	5105 kg	5180 kg
Rear drum load (CECE)	5225 kg	5360 kg
Front drum linear load	30,0 kg/cm	30,5 kg/cm
Rear drum linear load	31,1 kg/cm	31,5 kg/cm

STEERING	VH 1000	VH 1000 A
Steering angle (+ -)	25 deg	25 deg
Rear drum steering angle (+ -)	25 deg	25 deg
Oscillation angle (+ -)	6 deg	6 deg
Turning radius inner (edge)	2770 mm	2770 mm
Turning radius outer (contour)	4573 mm	4573 mm
Transversal stability - straight	32 deg	32 deg

RIDING CHARACTERISTIC	VH 1000	VH 1000 A
No. of travel speeds	1	1
Maximal speed	12 km/h	11 km/h
Gradeability without vibration	40 %	40 %
Gradeability with vibration	35 %	35 %

BRAKES	VH 1000	VH 1000 A
Operation	Hydrostatic	Hydrostatic
Parking	Multi disc	Multi disc
Emergency	Multi disc	Multi disc

VIBRATION	VH 1000	VH 1000 A
Amplitudes	0,73 / 0,35 mm	0,66 / 0,3 mm
Frequencies	42 / 50 Hz	42 / 50 Hz
Centrifugal forces	106 / 69,6 kN	106 / 69,6 kN

WATERING	VH 1000	VH 1000 A
Watering	Pressure	Pressure
No. of pumps	2	2
Water filtration stages	2	2

TANKS	VH 1000	VH 1000 A
Fuel	210 lt	210 lt
Watering water	1300 lt	1300 lt

ELEKTROINSTALLATION	VH 1000	VH 1000 A
Voltage	12 V	12 V
Capacity of batteries	115 Ah	115 Ah

ENGINE	VH 1000	VH 1000 A
Make	Cummins	Cummins
Type	QSB4.5-30-T-C110	QSB4.5-30-T-C110
Rated power	82 kW	82 kW
Standard	ISO 3046/1 (DIN 6271)	ISO 3046/1 (DIN 6271)

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

TANDEM ROLLERS (10 t)



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CERTIFICATED:  
ISO 9001