



VSH 102 is a tandem vibratory roller with a rigid frame and two smooth machined drums. Both drums are driven, vibrating and steerable. VSH 102 K is a combined roller with a rigid frame. The front axle consists of a vibrating smooth drum with the machined surface, the rear axle is fitted with four rubber-tyred compaction wheels with smooth tread. Both axles are driven and steerable. The sources of vibration are double-stage undirected vibration exciters, placed in the axis of each drum. The drive of all machine function is hydrostatical. The machine is equipped with Martin Diesel engine, hydraulic Sauer-ZTS.

## STANDARD

### VSH 102 / VSH 102 K

- Cabin ventilated (and heated for MD engine)
- Both drums/drum vibrating
- Two mode vibrators
- Backbone frame
- Crabbing up to 1600 mm to both sides
- One lever control at both operator's positions
- Pre selection of the travel and vibration
- Both drums are hydrostatically driven
- Working halogen headlights
- Painting STA: yellow, grey

### VSH 102 K

- Four Tyred wheels

## OPTIONS

### VSH 102 / VSH 102 K

- ROPS protection (obligatory for CE)
- Edge cutter
- Cabin glass tinted pholies
- Special painting

### VSH 102

- Deutz engine 74 kW

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

	Asphalt	Sand/Gravel	Mixed soils	Silt	Clay	Stabilization
<b>VSH 102</b>	0,20 m	0,50 m	0,40 m	-	-	0,30 m
<b>VSH 102 K</b>	0,12 m	0,25 m	0,20 m	-	-	0,20 m

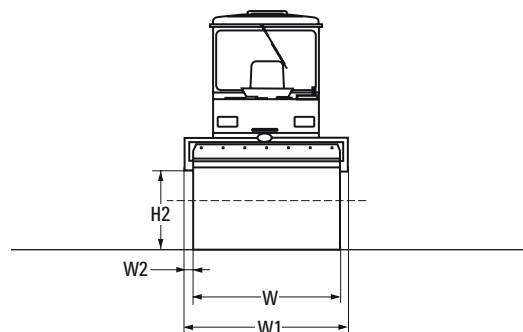
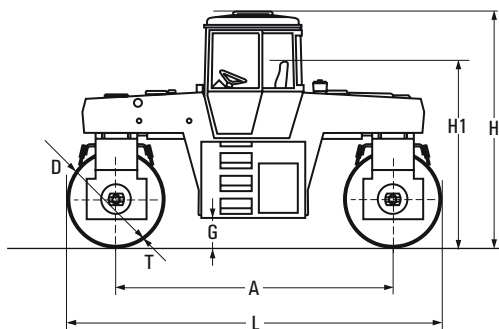


# VHS 102 VHS 102 K



TANDEM & COMBINED ROLLERS (10 t)

size (mm)	A	D	G	H	H1	H2	L	T	W	W1	W2
VSH 102	3400	1200	430	3100	2460	975	4600	19	1800	1960	80
VSH 102 K	3400	1200	430	3100	2460	975	4600	19	1800	1960	80



CAPACITY	VSH 102	VSH 102 K
Operating weight (CECE)	9615 kg	9340 kg
Compacting width maximum	3400 mm	3370 mm
Drum offset	1600 mm	1570 mm

WEIGHTS	VSH 102	VSH 102 K
Operating weight maximum	10180 kg	9690 kg
Front drum load (CECE)	4880 kg	4785 kg
Rear axle load (CECE)		4555 kg
Rear drum load (CECE)	4735 kg	
Front drum linear load	27,1 kg/cm	26,6 kg/cm
Rear drum linear load	27,5 kg/cm	

STEERING	VSH 102	VSH 102 K
Steering angle (+ -)	30 deg	30 deg
Steering angle at rear (+ -)	30 deg	30 deg
Oscillation angle (+ -)	5 deg	5 deg
Turning radius inner (edge)	2550 mm	2700 mm
Turning radius outer (contour)	4500 mm	4900 mm
Transversal stability - straight	36 deg	36 deg

RIDING CHARACTERISTIC	VSH 102	VSH 102 K
No. of travel speeds	1	1
Maximal speed	9 km/h	9 km/h
Gradeability without vibration	40%	40%
Gradeability with vibration	35%	32%

BRAKES	VSH 102	VSH 102 K
Operation	Hydrostatic	Hydrostatic
Parking	Multi disc	Multi disc
Emergency	Multi disc	Multi disc

VIBRATION	VSH 102	VSH 102 K
Amplitudes	0,8 / 0,4 mm	0,8 / 0,4 mm
Frequencies	42 Hz	42 Hz
Centrifugal forces	98 / 49 kN	98 / 49 kN

WATERING	VSH 102	VSH 102 K
Watering	Pressure	Pressure
No. of pumps	2	2

TANKS	VSH 102	VSH 102 K
Fuel	155 lt	155 lt
Watering water	900 lt	900 lt

ELEKTROINSTALLATION	VSH 102	VSH 102 K
Voltage	24 V	24 V
Capacity of batteries	2 x 135 Ah	2 x 135 Ah

ENGINE	VSH 102	VSH 102 K
Make	Martin Diesel	Martin Diesel
Type	Z 8002.133	Z 8002.133
Rated power	73,2 kW	73,2 kW
Standard	SAE	SAE

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



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CERTIFICATED:  
ISO 9001

