



is a new generation of a combined rollers with the high comfort for an operator, with up-to-date design and with splendid visibility from the operator's place. The machine is based on a rigid frame. The front axle consists of a vibratory smooth unsplit drum (VH 1000 K) or split drum (VH 1000 AK) with a machined surface, the rear axle is fitted with four rubber-tyred compaction wheels with a smooth tread. Both axles are driven and steerable. The machine is designed for mid and large scale compaction jobs at asphalt, loose and semi-cohesive materials. The machine 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 K / VH 1000 AK

- Cabin ventilated and heated
- Rotating and sliding seat with steering wheel
- Split drum
- Four tyred wheels
- Two mode vibrator
- Backbone frame
- Crabbing up to 1120 mm to both sides
- Both drum and wheel
are hydrostatically driven
- Working halogen headlights
- Painting STA: yellow, grey

VH 1000 K

- Unsplit drum

VH 1000 AK

- Split drum

OPTIONS

VH 1000 K / VH 1000 AK

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

MAXIMAL COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS (m)

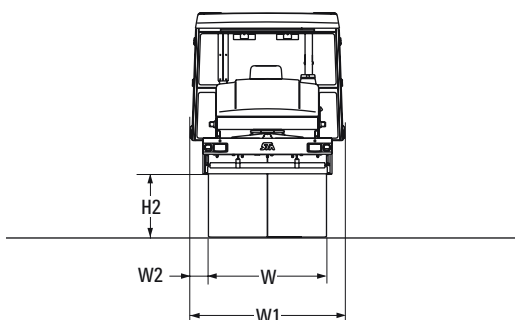
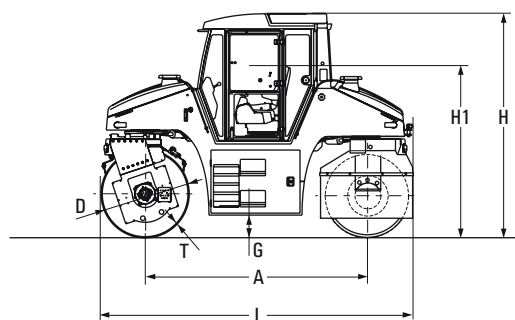
| | Asphalt | Sand/Gravel | Mixed soils | Silt | Clay | Stabilization |
|-------------------|---------|-------------|-------------|------|------|---------------|
| VH 1000 K | 0,12 m | 0,25 m | 0,20 m | - | - | 0,20 m |
| VH 1000 AK | 0,12 m | 0,25 m | 0,20 m | - | - | 0,20 m |



VH 1000 K VH 1000 AK



| size (mm) | A | D | G | H | H1 | H2 | L | T | W | W1 | W2 |
|------------|------|------|-----|------|------|-----|------|----|------|------|----|
| VH 1000 K | 3060 | 1300 | 440 | 3096 | 2424 | 887 | 4360 | 17 | 1700 | 2165 | 70 |
| VH 1000 AK | 3060 | 1300 | 440 | 3096 | 2424 | 887 | 4360 | 17 | 1700 | 2165 | 70 |



| CAPACITY | VH 1000 K | VH 1000 AK |
|--------------------------|-----------|------------|
| Operating weight (CECE) | 9700 kg | 9500 kg |
| Compacting width maximum | 2820 mm | 2820 mm |
| Drum offset | 1120 mm | 1120 mm |

| WEIGHTS | VH 1000 K | VH 1000 AK |
|--------------------------|-----------|------------|
| Operating weight maximum | 10550 kg | 10280 kg |
| Front drum load (CECE) | 5290 kg | 5090 kg |
| Rear axle load (CECE) | 4410 kg | 4410 kg |
| Front drum linear load | 31 kg/cm | 29,9 kg/cm |

| STEERING | VH 1000 K | VH 1000 AK |
|----------------------------------|-----------|------------|
| Steering angle (+ -) | 25 deg | 25 deg |
| Steering angle at rear (+ -) | 25 deg | 25 deg |
| Oscillation angle (+ -) | 6 deg | 6 deg |
| Turning radius inner (edge) | 3100 mm | 3100 mm |
| Turning radius outer (contour) | 4573 mm | 4573 mm |
| Transversal stability - straight | 32 deg | 32 deg |

| RIDING CHARACTERISTIC | VH 1000 K | VH 1000 AK |
|--------------------------------|-----------|------------|
| No. of travel speeds | 1 | 1 |
| Maximal speed | 11 km/h | 11 km/h |
| Gradeability without vibration | 40 % | 40 % |
| Gradeability with vibration | 35 % | 35 % |

| BRAKES | VH 1000 K | VH 1000 AK |
|-----------|-------------|-------------|
| Operation | Hydrostatic | Hydrostatic |
| Parking | Multi disc | Multi disc |
| Emergency | Multi disc | Multi disc |

| VIBRATION | VH 1000 K | VH 1000 AK |
|--------------------|---------------|----------------|
| Amplitudes | 0,66 / 0,3 mm | 0,73 / 0,35 mm |
| Frequencies | 35 / 50 Hz | 35 / 50 Hz |
| Centrifugal forces | 106 / 69,6 kN | 106 / 69,6 kN |

| WATERING | VH 1000 K | VH 1000 AK |
|-------------------------|-----------|------------|
| Watering | Pressure | Pressure |
| No. of pumps | 2 | 2 |
| Water filtration stages | 2 | 2 |

| TANKS | VH 1000 K | VH 1000 AK |
|----------------|-----------|------------|
| Fuel | 210 lt | 210 lt |
| Watering water | 1300 lt | 1300 lt |

| ELEKTROINSTALLATION | VH 1000 K | VH 1000 AK |
|-----------------------|-----------|------------|
| Voltage | 12 V | 12 V |
| Capacity of batteries | 115 Ah | 115 Ah |

| ENGINE | VH 1000 K | VH 1000 AK |
|-------------|-----------------------|-----------------------|
| 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.

COMBINED ROLLERS (10 t)



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CERTIFICATED:
ISO 9001

