



is a new generation of a rubber-tyred roller with the high comfort for an operator, with up-to-date design, with the "1 x 1 m" visibility from the operator's place and with wide range of user adaptation of operation weight. It is designed for mid and large scale compaction of asphalt or loose and semi-cohesive materials. The machine is based on a rigid frame with 4 + 4 smooth rubber tired wheels, steerable front axle and driven rear axle. The machine is equipped with Cummins engine and with the hydrodynamic power shift gearbox Spicer Clark-Hurth modulated. It fulfils the requirements of pollutants emission directives 97/68/ECE Stage 1 and EPA/CARB Tier 1. The machine meets the CE marking conditions.

STANDARD

VP 2400

- Cabin ventilated and heated
- Doubled steering, two working sites
- 4 + 4 pneumatic tyred compactor wheels
Compactor 18 PR Smooth
- Tyre inflation system (during operation)
- Levelling suspension of front wheels
- Rear axle is hydrodynamically driven
- Modulated powershift gearbox
- Working halogen headlights
- Turn indicators
- Painting STA: yellow, grey

OPTIONS

VP 2400

- Operator platform without cabin with rails
- Lockable vandal guard
- Proportional emergency brake
- Interwheel differential lock
- Tropical cooling fan
- Waterproof frame
- Selfrolling safety belts
- Thermal aprons
- ROPS protection (obligatory for CE)
- Cabin FOPS protection (mounted to ROPS)
- ROPS canopy (mounted to ROPS)
- Canopy selfstanding (without ROPS)
- Air conditioning
- Edge cutter
- Tyres Dunlop instead of standard ones (8pcs)
- Ballast 2400 kg
- Ballast 6000 kg
- Fan safety screen
- Beacon
- Back up alarm
- Front wheels mirror
- Chock blocks
- Special painting

MAXIMAL COMPACTED LIFT THICKNESS AT OPTIMAL WORKING CONDITIONS (m)

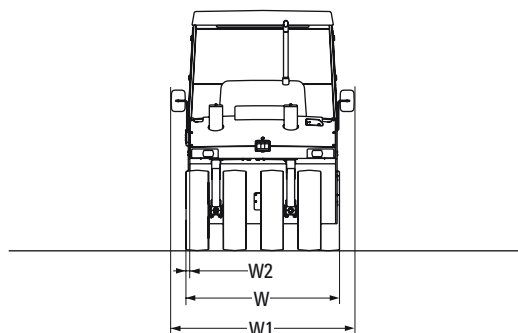
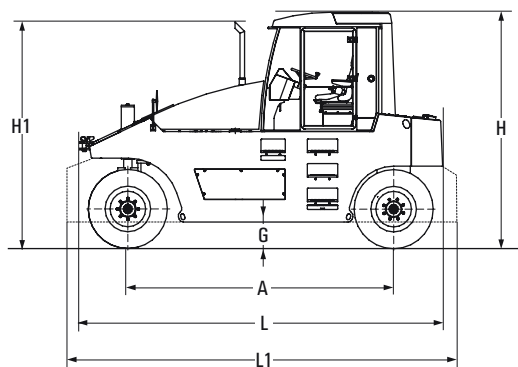
	Asphalt	Sand/Gravel	Mixed soils	Silt	Clay	Stabilization
VP 2400	0,12 m	0,25 m	0,20 m	0,15 m	0,15 m	0,15 m

VP 2400



RUBBER-TYRED ROLLERS (24 t)

size (mm)	A	G	H	H1	L	L1	W	W1	W2
VP 2400	3500	300	3040	3010	4775	5440	1986	2265	33



CAPACITY VP 2400

Operating weight (CECE)	9910 kg
Compacting width maximum	1993 mm

WEIGHTS

Ballast	14090 kg
Operating weight maximum	24000 kg
One wheel load minimum	1239 kg
One wheel load maximum	3000 kg

STEERING

Steering angle (+ -)	32 deg
Oscillation angle (+ -)	5 deg
Turning radius inner (edge)	5400 mm
Turning radius outer (contour)	8600 mm
Transversal stability - straight	36 deg

RIDING CHARACTERISTIC

No. of travel speeds	3
Maximal speed	19 km/h
Gradeability	25%

BRAKES

Operation	Hydro-pneu.
Parking	Disc
Emergency	Disc

WATERING

Watering	Pressure
No. of pumps	1
Water filtration stages	1

TANKS

Fuel	250 lt
------	--------

ELEKTROINSTALLATION

Voltage	12 V
Capacity of batteries	135 Ah

ENGINE

Make	Cummins
Type	4BT3.9-C99
Rated power	74 kW
Standard	ISO 3046/1 (DIN 6271)

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



STAVOSTROJ, a.s.

Náchodská 145, 549 01 Nové Město nad Metují, Czech Republic

phone: +420 491 476 111

fax: +420 491 470 215, 491 470 405

e-mail: stavo@sta.cz, stasales@sta.cz, www.sta.cz

CERTIFICATED:
ISO 9001

