

Dynapac CS1400

Steel drum rollers

Atlas Copco



Technical data



Masses

Max. operating mass (ballasted)	13,200 kg
Operating mass (ballasted)	12,800 kg
Front module mass (ballasted)	6,800 kg
Rear module mass (ballasted)	6,000 kg



Traction

Type	Articulated steering
Turning radius, inside	3,550 mm
Turning radius, outside	5,650 mm
Vertical oscillation	±9°
Transport speed	0-15 km/h
Working speed	0-10 km/h



Compaction

Static linear load, front	52 kg/cm
Static linear load, rear	46 kg/cm
Static linear load (ballasted), front	60 kg/cm
Static linear load (ballasted), rear	57 kg/cm
Rolling width	2,100 mm
Drum overlap	50 mm
Water tank	530 l



Engine

Manufacturer/Model	Deutz TD 3.6 L4 IIIB/T4F
Type	Water cooled turbo Diesel
Rated power, ISO 14396	55 kW (74 hp) @ 2,200 rpm
Fuel tank capacity	110 l



Hydraulic system

Driving	Axial piston pump with variable displacement. 3 axial piston motors, 2 with variable displacement.
Steering	Gear pump with constant displacement.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc on all 3 drums.

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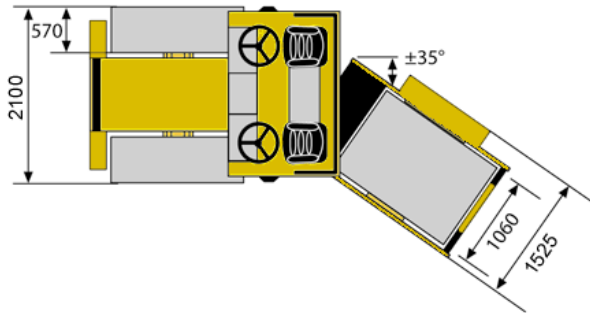
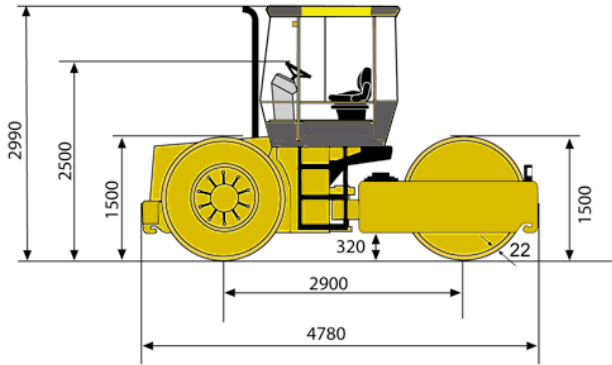
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