

Product Specifications For CS7



Weights

Operating Weight - With Cab	7210 kg
Weight - Drum with Cab	3518 kg
Operating Weight - With ROPS/FOPS Canopy	6943 kg
Weight - Drum with ROPS/FOPS Canopy	3384 kg

Operating Specifications

Compaction Width	1676 mm
Static Linear Load - With ROPS/FOPS	20.2 kg/cm
Ground Clearance	411 mm
Curb Clearance	369 mm
Static Linear Load - With Cab	21 kg/cm
Drum Width	1676 mm
Travel Speed - Maximum	11.4 km/h
Turning Radius - Inside Drum Edge	3.1 m

Engine

Gross Power	74.5 kW
Net Power - ISO 9249	70.5 kW
Bore	105 mm
Engine Model	Cat C4.4

Stroke	127 mm
Net Power - SAE J1349:2011	69.7 kW

Dimensions

Wheel Base	2.6 m
Maximum Height	9.4 m
Overall Length - With Blade Option	5.6 m
Overall Width - With Blade Option	2.1 m
Drum Width	1676 mm
Overall Length	5.1 m
Overall Width	1.8 m
Drum Diameter	1221 mm

Vibratory System

Centrifugal Force - Maximum	133 kN
Variable Frequency Option Range	23.3-31.9 Hz (1400-1914 vpm)
Centrifugal Force - Minimum	67 kN
Nominal Amplitude - High	1.59 mm
Vibratory Frequency - Standard	31.9 Hz
Nominal Amplitude - Low	0.8 mm

Service Refill Capacities

Fuel Tank Capacity	140 l
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CS7 Standard Equipment

OPERATOR ENVIRONMENT

ROPS/FOPS Canopy with Handrails, Floor Mat, Internal Rear View Mirror, Exterior Rear View Mirrors
Vinyl Adjustable Seat with Integrated Console and LCD Display with Lockable Vandalism Guard
Adjustable Tilting Steering Column with Integrated Cup Holders
Rear Vision Camera System
Seat Belt
12-volt Power Outlet
Horn, Backup Alarm

VIBRATORY SYSTEM

Smooth Drum
Dual Amplitude, Single Frequency
Pod-Style Eccentric Weight Housings
Auto-vibe Function
Front Adjustable Steel Scraper

POWER TRAIN

Cat C4.4 Engine
Air Cleaner, Dual Element
Two-Speed Throttle Switch and Eco-mode
Dual Propel Pumps; One for Drum Drive, One for Rear Axle
Fuel Filter, Water Separator, Priming Pump, Water Indicator
Tilting Radiator/Hydraulic Oil Cooler
Dual Braking System
Two-speed Hydrostatic Transmission

ELECTRICAL

12 volt Electrical System
150 ampere Alternator
1000 Cold-cranking Amps Battery Capacity

OTHER

Product Link™
Sight Gauges for Hydraulic Oil Level and Radiator Coolant Level
S-O-SSM Sampling Valves: Engine Oil, Hydraulic Oil and Coolant

CS7 Optional Equipment

OPERATOR ENVIRONMENT

ROPS/FOPS Cab with Climate Control

VIBRATORY SYSTEM

Padfoot Shell Kit (oval or square pads available)
Leveling Blade
Variable Frequency
Dual Adjustable Steel Scrapers

POWER TRAIN

Transmission Guard

TECHNOLOGY SOLUTIONS

Measure - Compaction Meter Value (CMV)

OTHER

Upgraded Halogen Light Package
Amber Rotating Beacon