

Product Specifications For CS66B



Weights

Operating Weight - With ROPS/FOPS	12791 kg
Weight - Drum with ROPS/FOPS	7304 kg

Operating Specifications

Compaction Width	2134 mm
Curb Clearance	491 mm
Ground Clearance	442 mm
Static Linear Load - With ROPS/FOPS	34.2 kg/cm
Travel Speed - Maximum	11.4 km/h
Turning Radius - Inside Drum Edge	3.7 m
Static Linear Load - With Cab	34.5 kg/cm

Engine

Gross Power	117 kW
Engine Model	Cat C4.4
Net Power - ISO 9249	97.4 kW
Net Power - SAE J1349:2011	96.9 kW
Stroke	127 mm
Bore	105 mm

Dimensions

Overall Length	5.9 m
Overall Length - With Blade Option	6.4 m

Overall Width	2.3 m
Overall Width - With Blade Option	2.5 m
Drum Width	2134 mm
Drum Diameter	1535 mm
Optional Blade Height	688 mm
Wheel Base	2.9 m
Height - With ROPS/FOPS or Cab	3.11 m

Vibratory System

Centrifugal Force - Maximum	301 kN
Centrifugal Force - Minimum	141 kN
Nominal Amplitude - High	2.1 mm
Nominal Amplitude - Low	0.98 mm
Variable Frequency Option Range	23.3 - 30.5 Hz (1400-1830 vpm)
Vibratory Frequency - Standard	30.5 Hz (1830 vpm)

Service Refill Capacities

Fuel Tank Capacity	242 l
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Tires

Tires	23.1 x 26
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CS66B Standard Equipment

OPERATOR ENVIRONMENT

ROPS/FOPS Cab with Climate Control, External Rear View Mirrors
 Cloth Adjustable Pivoting Seat with Integrated Console and LCD Display
 Adjustable Tilting Steering Column with Integrated Cup Holders
 Rear Vision Camera with Color Touchscreen Display
 Seat Belt

12-volt Power Outlet

Horn, Backup Alarm

Operator Environment

ROPS/FOPS Cab with Climate Control, External Rear View Mirrors

Cloth Adjustable Pivoting Seat with Integrated Console and LCD Display

Adjustable Tilting Steering Column with Integrated Cup Holders

Rear Vision Camera with Color Touchscreen Display

High Visibility Orange 50 mm (2 in) Seat Belt

12-volt Power Outlet

Horn, Backup Alarm

VIBRATORY SYSTEM

Smooth Drum

Dual Amplitude, Single Frequency

Dual Pod-Style Eccentric Weight Housings

Auto-vibe Function

Front Adjustable Steel Scraper

Padfoot Shell Kit (oval or square pads available)

Vibratory System

Smooth Drum

Dual Amplitude, Single Frequency

Dual Pod-Style Eccentric Weight Housings

Auto-vibe Function

Front Adjustable Steel Scraper

POWER TRAIN

Cat C4.4 Diesel Engine

Air Cleaner, Dual Element

Three-Speed Throttle Switch, Eco-mode and Automatic Speed Control

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

24 volt Electrical System

100 ampere Alternator

750 Cold-cranking Amps Battery Capacity

ELECTRICAL

24 volt Electrical System

100 ampere Alternator

750 Cold-cranking Amps Battery Capacity

Other

Product Link™

Sight Gauges for Hydraulic Oil Level and Radiator Coolant Level

S•O•S™ Sampling Valves: Engine Oil, Hydraulic Oil and Coolant

Machine tie downs - front and rear (meet ISO 15818)

OTHER

Product Link™

Sight Gauges for Hydraulic Oil Level and Radiator Coolant Level

S•O•S™ Sampling Valves: Engine Oil, Hydraulic Oil and Coolant

CS66B Optional Equipment

OPERATOR ENVIRONMENT

Sun Visor

Cab Internal Roll-down Sun Screen

Operator Environment

Internal Rear View Mirror

Sun Visor

Cab Internal Roll-down Sun Screen

High Visibility Orange 76 mm (3 in) Seat Belt

VIBRATORY SYSTEM

Leveling Blade

Variable Frequency

Dual Adjustable Steel Scrapers

Dual Adjustable Polyurethane Scrapers

Scraper Shell Kit Ready

Recording Module for Vibration Frequency

Vibratory System

Padfoot Shell Kit (oval or square pads available)

Leveling Blade

Variable Frequency

Dual Adjustable Steel Scrapers

Dual Adjustable Polyurethane Scrapers

POWER TRAIN

Transmission Guard

Bio-oil Factory Fill

Technology Solutions

Measure - Machine Drive Power and/or CMV

Map - SBAS GNSS Mapping

Connect - Cloud and Machine Connectivity

Command for Compaction

TECHNOLOGY SOLUTIONS

Measure - Machine Drive Power and/or CMV

Map - SBAS GNSS Mapping

Connect - Cloud and Machine Connectivity

Cat® Command for Compaction

OTHER

Recording Module

Factory Filled Bio Hydraulic Oil

Upgraded Halogen Light Package

Amber Rotating Beacon

Fuel Fill Access Door

Italian Road Homologation (IRH)

Power Train

Cat C4.4 Diesel Engine

Air Cleaner, Dual Element

Transmission Guard

Three-Speed Throttle Switch, Eco-mode and Automatic Speed Control

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

Other

Recording Module

Factory Filled Bio Hydraulic Oil

Upgraded Halogen Light Package

Upgraded LED light package

Amber Rotating Beacon

Fuel Fill Access Door

Italian Road Homologation (IRH)