CASE CONSTRUCTION

DV213 DOUBLE DRUM ROLLER TIER 3 CERTIFIED

ENGINE

Make	Cummins QSB 4.5-C130
Type	Tier 3 Certifed
Rated horsepower	130 hp (97 kW) @ 2200 rpm
Fuel consumption	3.6 gal/hr (13.7 L/hr)

ELECTRICAL

Voltage	12 Volts
Batteries	1 x 12 Volt @ 640 CCA
Halogen work lights	4 x (55 watt/ front and rear)
Turn signals & four-way flashers	Left / right

STEERING

Pump type	Gear
Steering cylinders	2
Steering angle (left and right)	36°
Oscillation angle +/-	6°
Inside turning radius	147 in (3730 mm)
Outside turning radius	231 in (5867 mm)

OPERATOR'S COMPARTMENT

Operator work stations	1
Seat (multi-position / suspension)	1
Seat position	Rotating and pivoting
Dual lever travel control	2 (1 x each side of seat)
Seat belt (retractable)	2 in (51 mm)
Steering column	Adjustable up / down
Rearview mirrors	2 (front frame mounted)

WATER SYSTEM

Water tank (front frame mount)	264 gal (1000 L)
Water tank	Polyethylene
Water feed	Pressurized
Pumps	2
Fill ports	2
Filtration stages	3

TRAVEL

Drive	Hydrostatic
Maximum speed	7.1 mph (11.4 km/hr)
Service brake	SAHR
Parking brake	Multi-disc
Emergency brake	Multi-disc
Drum drive	Front and rear drums
Drive motors (dual)	1 x each drum
Drive motor pump	Variable displacement axial piston
Gradeability	40%

CAPACITIES

Fuel tank	56 gal (210 L)
Engine oil	12.3 qts (11.6 L)
Hydraulic reservoir	15.9 gal (60 L)
Vibration system (each drum)	20 qts (19 L)

VIBRATORY SYSTEM

System design	Closed center
Pump type	Gear
Fixed displacement hydraulic motors	2
Vibration	Eccentric
Drum vibration options	Front only / Rear only / Front and rear
Frequency	
Low	2,520 vpm (42 Hz)
High	3,000 vpm (50 Hz)
Amplitude	
Low	.0158 in (.40 mm)
High	.0315 in (.80 mm)
Centrifugal force	
Low	21,514 lbs (96 kN)
High	30,254 lbs (135 kN)

OPERATING WEIGHT

Operating weight w/ cab option (add)	28,718 lbs (13 030 kg) 550 lbs (9227 kg)
Front drum load	14,561 lbs (6605 kg)
Front drum linear load	173 lb/in (31.4 kg/cm)
Rear drum load	14,164 lbs (6425 kg)
Rear drum linear load	169 lb/in (30.6 kg/cm)

MAXIMUM COMPACTED LIFT THICKNESS

Sand / gravel	11.8 in (300 mm)
Mixed soils	7.9 in (200 mm)
Asphalt	4.7 in (120 mm)

Actual may vary based on operating conditions

STANDARD EQUIPMENT

Fixed ROPS / FOPS Canopy
Articulated chassis
Cummins QSB 4.5-C130 / Tier-3 engine
Hydrostatic drive for both drums
Vulcollon drum scrapers (fixed)
Machined tapered drum edges
Vertical lift hood
Spin on fuel, engine oil and hydraulic filters
Master disconnect switch
4-point lift and tie down provision
Worklights with turn signalsy /
Back-up alarm
Brake release
Drum offset

OPERATOR'S COMPARTMENT

Iso-mounted operator's platform
Multi-position shifting suspension seat w/ foldable armrests
Adjustable steering column
Single lever speed and direction control with vibration on/off control
Speed selector
Smooth start and stop
Return to center (offset)
Vandal protection
Handrails
Tool box
2 in. retractable seat-belt
Emergency stop button
Seat safety switch

INSTRUMENT PANEL

Horn
Hour meter
Idle switch
Throttle control
Manual or auto vibration control
Water tank level LED indicators
Fuel tank level LED indicators

INDICATOR LIGHTS

Battery
Engine oil pressure
In-take preheater
Engine temperature
Parking brake on - off
Sprinkler system on - off

MONITOR DISPLAY PANEL

Engine RPM
Engine hours
Fuel rate
System voltage
% engine load at current RPM
Coolant temperature
Oil pressure
Fuel economy
Current fuel consumption
Active service codes

STANDARD EQUIPMENT (CONT'D)

WATER SYSTEM

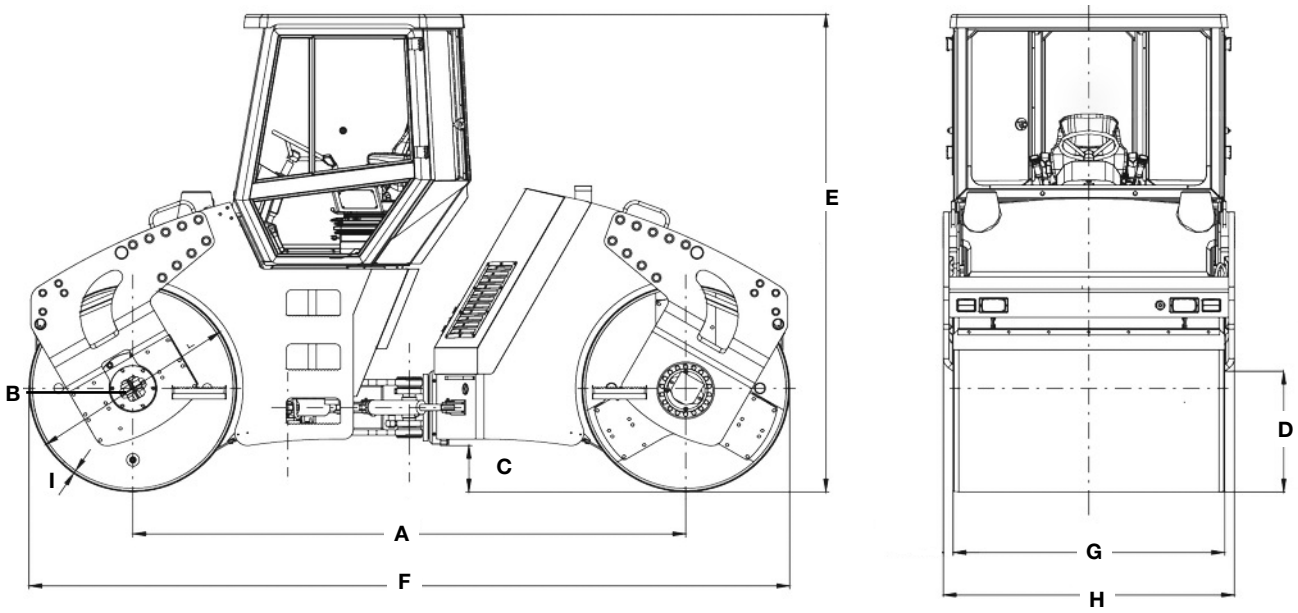
Pressurized water system
Dual fill port water tank
3-stage water filtration
Water system on/off
Water system drain
Adjustable sprinkler volume control

VIBRATION SYSTEM

Front and dual drum vibration control modes
Auto vibration stop in neutral
Dual-mode vibratory system

OPTIONAL EQUIPMENT

Cab w/ heat and ventilation
Cab air-conditioning
Radio mounting w/ 2 speakers and antenna (no radio)
Rotating beacon
Edge cutter
Tiltable scrapers (front and rear)
Infrared thermometer
Cab mounted work lights
3 in. retractable seat-belt



DIMENSIONS

A.	Wheelbase	11 ft 6 in (3540 mm)
B.	Drum diameter	51 in (1300 mm)
C.	Ground clearance	13.4 in (340 mm)
D.	Drum offset	6 in (160 mm)
E.	Overall height	10 ft 0 in (3050 mm)
F.	Overall length	16 ft 1 in (4890 mm)
G.	Compaction width	83 in (2100 mm)
H.	Overall width	7 ft 3 in (2220 mm)
I.	Drum thickness	0.79 in (20 mm)

CASE Customer Assistance 866-54-CASE6

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

IMPORTANT: Case Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Case Construction Equipment Inc. does not warrant the safety or reliability of attachments from other manufacturers.

CASE CONSTRUCTION

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Form No. CCE201201DV213
Replaces form no. CCE201106DV213
Printed in U.S.A.

Biodiesel Ready All Case construction equipment is biodiesel ready.