

CASE
CONSTRUCTION

DV SERIES

DOUBLE DRUM VIBRATORY ROLLERS

DV23 | DV26 | DV36 | DV45 | DV207 | DV209C | DV210 | DV210C | DV213

PT SERIES

PNEUMATIC TIRE ROLLER

PT240



FLAT-OUT AMAZING.

Easy to operate, easy to maintain and easy on the operator, CASE asphalt compaction equipment is built for the daily grind without the daily grief. With dual-drum drive technology, high vibration frequencies up to 67 Hz, impressive maneuverability and standard features you won't find elsewhere, these easy machines are hard to beat.



DV SERIES:

- ★ Pressurized Water System
- ★ Standard Offset Drum Design
- ★ Automatic Vibration Control
- ★ Serviceability Second-to-None



Double Drum Vibratory Roller Models Available



DV23



DV26



DV36



DV45



DV207



DV209C



DV210



DV210C



DV213

Pneumatic Tire Roller Model Available



PT240

PT SERIES:

★ Iso-Static
Front Axle

★ Standard
Air-on-the-Run

DOMINATE WITH LARGE DV ROLLERS.

DV207/DV209C/DV210/DV210C/DV213

SUPERIOR WATER SYSTEM

Water plays a crucial role in preventing surface damage and keeping rollers clean. That's why every component of DV rollers' spray system is built to be the best.

- **Triple Filtration** – Filters at the tank, pump and nozzles help prevent spray-stopping clogs and prolong component life
- **Pressurization** – Maintains even water flow to all nozzles regardless of grade
- **Standard Back-Up Pump** – Ensures uninterrupted production with primary and back-up pumps
- **Multiple Water Settings** – Matches water pressure to the job at hand
- **Dual Fill Ports** – Offers convenient access from either side



HIGH-FREQUENCY OPTIONS

The CASE high-frequency option features a low amplitude setting that is ideal for thin-layer asphalt compaction at faster speeds. Thinner layers of asphalt tend to cool quicker and use smaller aggregates that can be crushed if too much force is applied. This option increases the versatility of the DV207, DV209C and DV210C by increasing the range of applications and asphalt mixes on which they can be used.



IMPRESSIVE MANEUVERABILITY

CASE large DV rollers come standard with a hydraulically adjustable "crab steering" system that can offset the rear drum up to seven inches*. In addition to that, a heavy-duty, roller-style articulation joint allows the machine to oscillate $\pm 10^\circ$ to maintain drum-to-ground contact. Together, these features enable superior operation around corners, over bumps or dips, and in confined areas.

*Seven-inch offset on DV207



HIGH-FREQUENCY OPTION

The CASE DV207, DV209C and DV210C are available in high-frequency models maxing out at 67 Hz. This increases the application opportunities for the CASE roller line, allowing operators to compact a more versatile array of asphalt mixes.



SAVE TIME WITH SMALL DV ROLLERS.

DV23/DV26/DV36/DV45

SUPERIOR WATER SYSTEM

Just like their big brothers, our small DV rollers are designed with the highest-quality water system.



- **Dual Filtration** – Water is filtered at both the fill point and midway through the water cycle, reducing the amount of debris that can make it to the spray nozzle
- **Pressurization** – Maintains even water flow to all nozzles regardless of grade
- **High-Capacity, Corrosion-Proof Tank** – Runs all day on a single tank
- **Multiple Water Settings** – Matches water pressure to the job at hand



STANDARD OFFSET DRUM WITH EXCELLENT CURB CLEARANCE

The front drums of our small DV rollers are positioned about two inches off center from the back drum, allowing for a tighter turning radius, while both drums have a balanced design and a tapered edge to reduce tearing around curves and during transitions.



INDUSTRY-LEADING PERFORMANCE

Dual frequency is standard on all small DV models, with dual amplitude standard on DV36 and DV45 – helping generate outstanding compaction on any surface. An electronic control module smoothly moves the rollers forward or reverse, unlike direct-link cables, which can lurch and create waves in the compaction surface.

PRECISION OF THE PNEUMATIC.

PT240



BALLAST UP TO 24 TONS

Ideal for stabilizing soil and sand, the versatile PT240's operating weight can easily be increased to more than 52,000 pounds. Ballasts can be attached underneath, an available watertight frame allows for fluid ballast and the machine frame can hold additional scrap.

FOUR-PLUS-FOUR TIRE SETUP

The PT240 design uses dual front axles and four rigid rear tires with a two-inch offset for a total compaction width of 78 inches. The maneuverable front configuration creates a "kneading" effect for uneven surfaces, while the fixed rear axle presses materials firmly into place.

ISO-STATIC FRONT AXLE

Each pair of front tires oscillates five degrees in either direction and moves four inches up and down. This helps maintain contact with the ground at all times to minimize bridging and maximize compaction – and also creates a more comfortable ride for the operator.

STANDARD AIR-ON-THE-RUN (AOR)

Unlike most competitive models, CASE pneumatic tire compactors come standard with AOR. This automatic central tire inflation system ensures consistent pressure to all eight tires at all times, and allows for easy adjustment of tire pressure to meet ground conditions and compaction needs.



ASPHALT ADD-ONS

The PT240 also offers a triple-filtration water system with a pressurized, polyethylene tank and sprinkler bars for the front and rear tires. Optional thermal aprons keep heat close to the tires to prevent asphalt from sticking. Cocoa mats are also available.



Open ROPS work platform
provides excellent visibility
around the machine.
Enclosed cab available.
(DV210 shown)



INSIDE THE LARGE DV.

DV207/DV209C/DV210/DV210C/DV213



DV207/DV210/DV213 style shown



DV207/DV210/DV213 style shown

SWIVEL, SLIDE AND SPIN TO SEE

In addition to a seat that spins left or right and slides forward, the entire operator station – seat, steering console and drive lever – swivels almost 180° to reach both edges of the platform and provide operators a full view of the compacted surface, both drums and all spray bars.



DV207/DV210/DV213 display

COMMON-SENSE CONTROLS

Dual multi-function directional levers on either side of the seat allow for right- or left-handed operation. Automatic vibration control makes it easy to avoid surface damage from starting or stopping the machine. And if manual activation is preferred, it's just a push of a button. Also, an adjustable speed control lets operators set a max speed so there's no need to worry about going too fast for the frequency of the drum. The DV209C and DV210C feature a new intuitive and innovative in-steering wheel front display. This display provides all machine diagnostics for the operator to review. The operator structure is also completely redesigned to continue to offer excellent visibility to both drums while offering a comfortable and ergonomic operating environment.



DV209C/DV210C display

INSIDE THE SMALL DV.

DV23/DV26/DV36/DV45



SUPERIOR SIGHT LINES

All small DV models come standard with features to maximize visibility around the machine. For starters, a lateral-sliding seat with integrated operating lever gives operators a comfortable view of all drum edges while keeping controls within reach. A narrow front console and tapered hood improve forward visibility, while a flat-back design allows for a full view of the rear.



FATIGUE-FIGHTING COMFORT

The operator's platform is isolated from the chassis to reduce vibration from the engine and is on a heavy-duty rubber mount to help absorb shock.



CONTROLS MADE SIMPLE

Operation is easy with a steering wheel and a single lever controlling forward/reverse travel, sprinkler activation and the vibration system, which allows for automatic or manual start/stop of drum vibration.

INSIDE THE PT240.



DUAL WORK STATIONS

The dual operating seats of the PT240 allow operators to place themselves at either edge of the machine for maximum visibility of the working side. Each station mirrors the other and offers adjustable seats and automotive-style drive controls for a familiar feel. There is also ample storage space under each seat.



EVERYTHING AT YOUR FINGERTIPS

Centralized controls are easily within reach from either seat, including AOR switch, sprinkler flow selector, working lights, turn signals, emergency stop and more. The control panel also includes warning lights, speedometer, an optional Murphy Display for detailed diagnostics and more.

MAINTENANCE MADE EASY.

SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. CASE DV and PT Series rollers are no exception. From their open-access hoods to grouped, ground-level checkpoints, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.



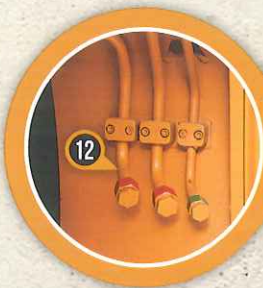
EASY ACCESS TO DVs

- | | | | |
|--|-----------------------------------|--------------------------------|---|
| 1. Spin-on fuel, oil and hydraulic filters | 3. Drive motor or eccentric motor | 6. Oil fill | 9. Greaseless Teflon articulation joint (Small DVs) |
| 2. Vertical-lift rear hood (Large DVs) | 4. Heavy-duty articulation joint | 7. Dual fill ports (Large DVs) | 10. Flip-forward hood (Small DVs) |
| | 5. Engine | 8. Spray nozzles | 11. No tool access, swing out doors |

SEE A 360° VIEW



CaseCE.com/360



EASY ACCESS TO PT

- 12. Drains for engine oil, gearbox oil and water
- 13. Water fill

- 14. Service doors
- 15. Flip-up hood
- 16. Hydraulic check







SiteWatch™

REMOTE. CONTROL.

Available on large DV Series rollers and the PT240, CASE SiteWatch™ telematics breaks the boundaries of fleet management by allowing you to monitor and manage multiple machines from your office, wherever that may be. No more manually tracking down engine hours and fuel levels. Get real-time performance metrics, idle-time analytics, scheduled maintenance intervals and programmable security alerts sent to any computer, anytime, anywhere.



SUPPORT COMES STANDARD

Base & Extended Warranty Coverage*

2-Year/2,000-Hour Standard Powertrain Warranty available at no charge in addition to 1-Year Full-Coverage Base Limited Warranty

*Please see your CASE dealer for limitations, exclusions and confirmation of policies in effect.

Breakdown Assistance

Standard on all CASE equipment.

STRONGER PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows best how you can maximize your equipment investment and uptime, with genuine CASE parts, expert service and a complete range of product support solutions – including CASE remanufactured and all-makes parts. CASE supports better parts availability and faster deliveries, through nine parts distribution centers in North America and a forecasting system to ensure that the right parts will be there when you need them. And only CASE dealers have exclusive access to the Electronic Service Tool that quickly pinpoints machine issues to help maximize uptime.

CNH
INDUSTRIAL

**PARTS
& SERVICE**

THE DV SERIES ASPHALT ROLLERS & PT SERIES PNEUMATIC TIRE ROLLER



SPECIFICATIONS	DV23	DV26	DV36	DV45	DV207	DV209C	DV210	DV210C	DV213	PT 240
Engine	Yanmar 3TNV88	Yanmar 3TNV88	Yanmar 4TNV88	Yanmar 4TNV88	Cummins BTAA 3.3-C80	Deutz TCD 3.6L4	Cummins QSB 3.3-C99	Deutz TCD 3.6L4	Cummins QSB 4.5-C130	Engine Cummins QSB 3.3-C99
Emissions certification	Tier 4 Interim	Tier 4 Interim	Tier 4 Interim	Tier 4 Interim	Tier 3	Tier 4 Interim	Tier 3	Tier 4 Interim	Tier 3	Emissions certification Tier 3
Gross hp (kW)	32.5 (24.2) @ 2600 RPM	32.5 (24.2) @ 2600 RPM	41.6 (31.0) @ 2500 RPM	41.6 (31.0) @ 2500 RPM	80.0 (59.7) @ 2100 RPM	100.0 (74.4) @ 2200 RPM	99.0 (73.8) @ 2200 RPM	100.0 (74.4) @ 2200 RPM	130.0 (96.9) @ 2200 RPM	Gross hp (kW) 99 (73.8) @ 2200 RPM
Max. travel speed - mph (kph)	6.2 (10.0)	6.2 (10.0)	6.2 (10.0)	6.2 (10.0)	7.1 (11.4)	6.8 (11.0)	7.4 (12.0)	6.8 (11.0)	7.1 (11.4)	Max. travel speed - mph (kph) 12.0 (19.3)
Gradeability (vibration off)	30° (40°)	30° (40°)	30° (40°)	30° (40°)	20° (30°)	30%	40%	30%	40%	Gradeability 25%
Operating weight - lb. (kg)	4,960 (2 250)	5,423 (2 460)	8,245 (3 740)	10,296 (4 670)	16,226 (7 360)	21,030 (9 540)	22,928 (10 400)	22,730 (10 310)	28,718 (13 026)	Operating weight - lb. (kg) 20,525 (9 310)
Front drum weight - lb. (kg)	2,700 (1 225)	2,921 (1 325)	4,740 (2 150)	5,621 (2 550)	8,267 (3 750)	10,710 (4 860)	11,574 (5 250)	11,380 (5 160)	14,561 (6 605)	Max. operating weight - lb. (kg) 52,910 (24 000)
Rear drum weight - lb. (kg)	2,700 (1 225)	2,921 (1 325)	4,740 (2 150)	5,621 (2 550)	7,959 (3 610)	10,320 (4 680)	11,354 (5 150)	11,350 (5 150)	14,164 (6 425)	Outside turning radius l/r - in. (mm) 392/344 (9 960/8 735)
Inside turning radius - in. (mm)	93 (2 350)	89 (2 250)	102 (2 581)	102 (2 581)	181.2 (4 602)	215 (5 470)	183 (4 650)	215 (5 470)	147 (3 730)	Inside turning radius l/r - in. (mm) 243/239 (6 180/6 065)
Fuel tank capacity - gal. (L)	10.6 (40)	10.6 (40)	15.6 (59)	15.6 (59)	29.1 (110)	55.5 (210)	55.0 (208)	55.5 (210)	55.5 (210)	Fuel tank capacity - gal. (L) 66.0 (250)
Frequency Low - High* - VPM (Hz)	3,480 - 3,960 (58 - 66)	3,480 - 3,960 (58 - 66)	2,700 - 3,420 (45 - 57)	2,700 - 3,420 (45 - 57)	2,580 - 3,120 (43 - 52)	2,520 - 4,020 (42 - 67)	2,700 - 3,180 (45 - 53)	2,520 - 4,020 (42 - 67)	2,520 - 3,000 (42 - 50)	

*Frequency range includes standard and high frequency models when applicable

DIMENSIONS

Wheelbase	64.2 in. (1 630 mm)	64.2 in. (1 630 mm)	76.8 in. (1 950 mm)	76.8 in. (1 950 mm)	128.4 in. (3 260 mm)	137.8 in. (3 500 mm)	136.0 in. (3 460 mm)	137.8 in. (3 500 mm)	139.0 in. (3 540 mm)	Wheelbase 149.6 in. (3 800 mm)
Drum diameter	27.6 in. (700 mm)	27.6 in. (700 mm)	33.5 in. (850 mm)	33.5 in. (850 mm)	45.3 in. (1 150 mm)	48.0 in. (1 220 mm)	51.0 in. (1 300 mm)	48.0 in. (1 220 mm)	51.0 in. (1 300 mm)	Tire size 11.0 x 20 18PR
Ground clearance	10.8 in. (275 mm)	10.8 in. (275 mm)	12.8 in. (325 mm)	12.8 in. (325 mm)	9.5 in. (240 mm)	11.8 in. (300 mm)	11.4 in. (290 mm)	11.8 in. (300 mm)	13.4 in. (340 mm)	Ground clearance 13.4 in. (340 mm)
Overall height	100.4 in. (2 550 mm)	100.4 in. (2 550 mm)	111.0 in. (2 826 mm)	111.0 in. (2 826 mm)	116.1 in. (2 950 mm)	118.0 in. (3 000 mm)	118.0 in. (3 000 mm)	118.0 in. (3 000 mm)	120.0 in. (3 050 mm)	Overall height 122.4 in. (3 110 mm)
Overall length	98.7 in. (2 506 mm)	98.7 in. (2 506 mm)	117.0 in. (2 971 mm)	117.0 in. (2 971 mm)	174.0 in. (4 410 mm)	185.0 in. (4 720 mm)	187.0 in. (4 760 mm)	185.0 in. (4 720 mm)	193.0 in. (4 890 mm)	Overall length 197.6 in. (5 020 mm)
Drum width	39.4 in. (1 001 mm)	47.2 in. (1 199 mm)	51.2 in. (1 300 mm)	54.3 in. (1 379 mm)	57.0 in. (1 448 mm)	66.0 in. (1 680 mm)	66.0 in. (1 676 mm)	66.0 in. (1 680 mm)	83.0 in. (2 108 mm)	Compaction width 78.1 in. (1 984 mm)
Overall width	44.4 in. (1 129 mm)	52.5 in. (1 334 mm)	56.0 in. (1 423 mm)	59.1 in. (1 503 mm)	60.6 in. (1 540 mm)	71.0 in. (1 800 mm)	71.0 in. (1 822 mm)	71.0 in. (1 800 mm)	87.0 in. (2 220 mm)	Overall width of fixed parts 82.7 in. (2 100 mm)
Drum thickness	0.51 in. (13 mm)	0.50 in. (13 mm)	0.70 in. (17 mm)	0.70 in. (17 mm)	0.60 in. (15 mm)	0.70 in. (19 mm)	0.87 in. (22 mm)	0.90 in. (22 mm)	0.79 in. (20 mm)	Tire overlap 2.0 in. (51 mm)



BUILDING A STRONG CASE

Already in high gear with the arrival of founder J.I. Case's portable steam engine in 1869, we found ourselves at the heart of the road construction boom of the early 1900s. The path was set. Today, CASE is a game changer in construction equipment, financing, parts and service.

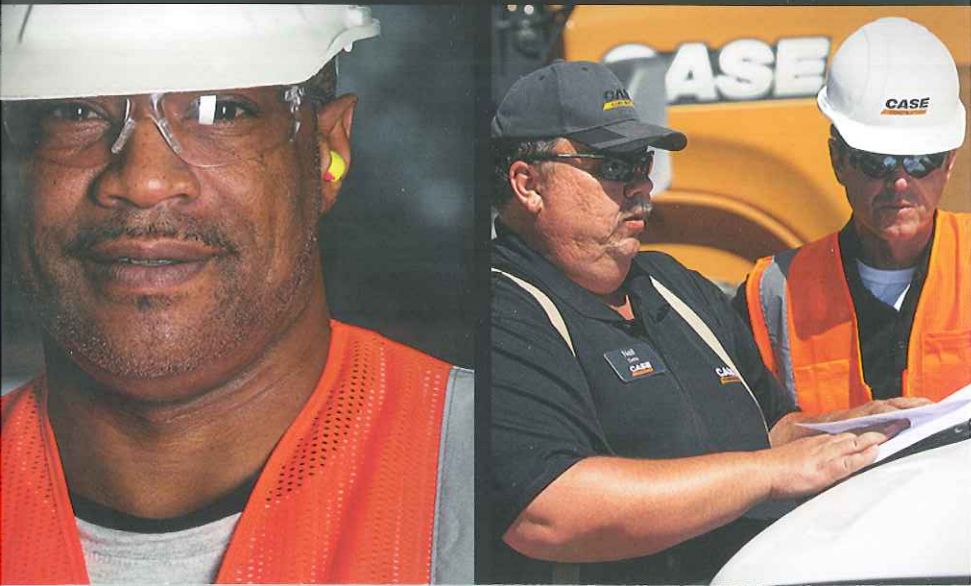
Revolutionary is nothing new to CASE, as innovations like the integrated backhoe loader (1957), Ride Control™, over-center boom design and ProCare have shown. It's this ingenuity and spirit that fuels our ongoing pursuit of building industry-leading performance and productivity into every machine throughout our full line of light to heavy equipment.

All of this is backed by a portfolio of more than 10,000 OEM, REMAN and Gold Value parts, more than 350 North American dealer locations, and unmatched financial and insurance services that ensure the best support is always within reach. When all is said and done, our strength is only as solid as the machines we engineer, the support and service we give, and most importantly, the vote of confidence CASE customers have with every bit of it.



Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment, while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.

To learn more about CASE or for attentive customer service, visit your nearest dealer, call 1-866-54-CASE6 or visit us online at CaseCE.com.





CaseCE.com



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Form No. CCE201404ASPHCOMP
Replaces Form No. CCE201403COMP



**SAFETY™
NEVER HURTS**

Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

NOTE: All engines meet current EPA emissions regulations.
NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Contains 10%
post-consumer fiber

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment
is biodiesel-friendly.

ENGINE

Make	Cummins QSB 3.3 - C99
Type	Tier 3 certified Turbocharged / Charge-air cooled
Rated horsepower	99 hp (74 kW) @ 2200 RPM

ELECTRICAL

Voltage	12 volts
Batteries	1
Amp hour	100
Cold cranking amps	640

STEERING

Steering type	Hydrostatic
Axles	2 x independent axles
Front axle	Isostatic w/ 2-pivot points
Rear axle	Driven 2 tire pairs w/ Diff. lock as option
Steering angle (+/-)	32°
Oscillation angle +/- (front axle)	5°
Inside turning radius (l/r)	(243/239 in) (6180/6065 mm)
Outside turning radius (l/r)	(392/344 in) (9960/8735 mm)

OPERATOR'S COMPARTMENT

Operator work stations	2
Seats (vinyl/suspension)	2
Seatbelt (retractable)	2 in (51mm)
Rearview mirrors	2 (side mounted)

PRESSURIZED WATERING SYSTEM

Water tank	122 gal (460 L)
Tank type	Polyethylene
Watering pumps	1
Water filtration stages	1

TRAVEL

Drive	Powershift
Speeds	3 speed powershift
Maximum speed	12 mph (19 km/hr)
Oscillation +/- (front axle)	5°
Independent front axles	2
Gradeability %	25%

BRAKES

Service brake	Hydro-pneumatic disc
Parking	Disc
Emergency	Disc

TIRES

Tires (smooth)	4 + 4 - 11.0 x 20 18PR
Tire overlap	2 in
Tire inflation system	Central (AOR*) *(AOR) Air-on-the-run

CAPACITIES

Fuel tank	66 gal (250 L)
Engine oil	1.85 gal (7 L)
Hydraulic reservoir	5.81 gal (22 L)

OPERATING WEIGHTS & CAPACITIES

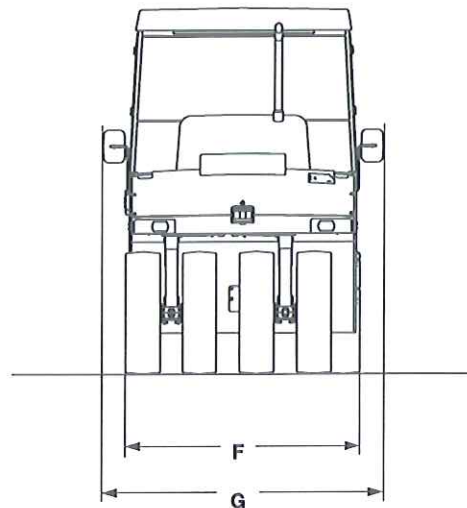
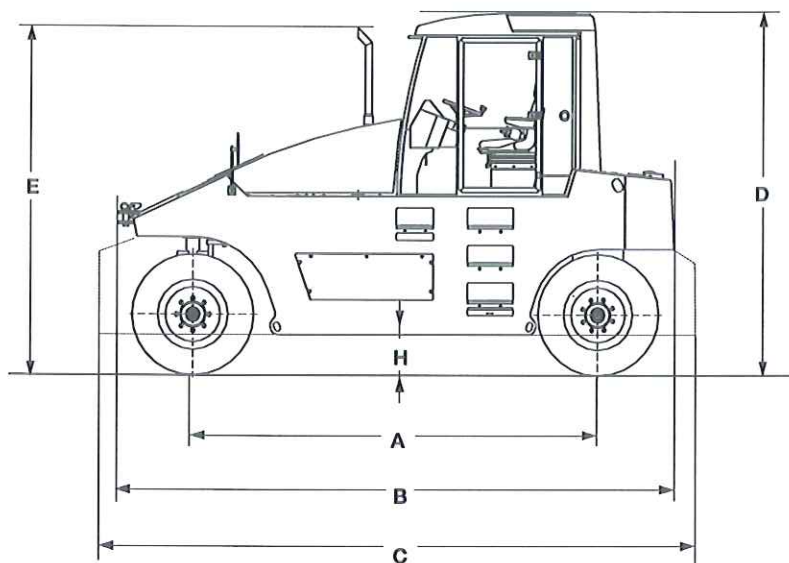
Operating weight	20,525 lbs (9310 kg)
w/ cab option (add)	617 lbs (280 kg)
Maximum operating weight	52,910 lbs (24 000 kg)
Maximum ballast	32,386 lbs (14 690 kg)
One wheel load minimum	2,566 lbs (1164 kg)
One wheel load maximum	6,614 lbs (3000 kg)
Compaction width (max.)	78.2 in (1986 mm)

STANDARD EQUIPMENT

Fixed ROPS Open Platform with hand rails
Anti-vandal cover
Halogen worklights x 4 (55 watt / front and rear)
Turn signal indicator (left and right)
Breaklights
Tilt open hood
Powershift Transmission (3-speed)
Backup alarm
Retractable seat belt - 2 in (51 mm)
Dual operator stations
Suspension seats with foldable arm rests
Pressurized water system
Water filtration - single stage
Emergency stop button
Master disconnect switch
Horn
Hourmeter
Lift and tie down provision - 4-point
Watering system drains
Electric fuse protection
Steering wheel spinner knob
Spin-on fuel, engine oil and hydraulic filters
Tool box
Indicator lights
Battery
Engine oil pressure
Intake preheater
Engine temperature
Parking brake
Sprinkler system ON/OFF
Multi-function display
Engine RPM
Engine hours
Fuel rate
System voltage
% engine load at current RPM
Coolant temperature
Oil pressure
Fuel economy
Current fuel consumption
Brush scrapers on each tire

OPTIONAL EQUIPMENT

Cab w/ heat
Cab air-conditioning
Radio mounting w/ 2 speakers and antenna
Cocoa mat scrapers
Thermal aprons
Scrap metal for ballast
Rotating beacon
Engine prefilter
Chock blocks
Spare tire with rim
Radial tires
Water tight chassis ballast compartment
460 liters - 122 gallons
Edge cutter



DIMENSIONS

A. Wheelbase	149.6 in (3800 mm)
B. Overall length	197.6 in (5020 mm)
C. Overall length w/ thermal aprons	227.6 in (5780 mm)
D. Overall height	122.4 in (3110 mm)
E. Seat height	96.5 in (2450 mm)
F. Compaction width	78.2 in (1986 mm)
G. Overall width of fixed parts	82.7 in (2100 mm)
G. Overall width of fixed parts w/ thermal aprons	90.9 in (2310 mm)
H. Ground clearance	13.4 in (340 mm)
H. Ground clearance w/ ballast plate under machine	10.2 in (260 mm)

CASE Customer Assistance
1-866-54-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.

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CASE
CONSTRUCTION

www.casece.com

ENGINE

Model	Yanmar 3TNV88 Tier 4 Interim Certified
Type	Naturally aspirated
Cylinders	3
Bore/Stroke	3.46 x 3.54 in (88 x 90 mm)
Displacement	97.6 in ³ (1.6 L)
Fuel	#2 Diesel
Cooling	Liquid
Rated engine speeds	2600 RPM
Horsepower @ rated RPM:	
Gross	32.5 hp (24.2 kW)
Net	31.5 hp (23.5 kW)

POWERTRAIN

Drive	Hydrostatic
Drum driven	Front and rear
Drive pump motors:	
Variable displacement	1
Fixed displacement	2
Service brake	Hydrostatic
Parking/Emergency brake	SAHR
Max. relief pressure	5,221 psi (36 MPa)
Max. working speed	3.7 mph (6.0 kph)
Max. travel speed	6.2 mph (10.0 kph)
Gradeability (vibration off)	30° (40°)

ELECTRICAL

Voltage	12 Volts
Batteries	1 x 12 Volt
Battery reserve capacity	77 Ah/20 hour
Cold cranking amps	760 CCA

OPERATOR ENVIRONMENT

Insulated from chassis by flexible shock absorbers; Handrail; Instrument panel; Anti-vandal guard; Exceptional front/rear visibility; Lateral sliding seat; Foldable ROPS protection; Smooth single lever speed and direction control w/ vibration and water on/off controls.

OPERATING WEIGHT

Operating weight	5,423 lb (2460 kg)
Max. weight	5,842 lb (2650 kg)
Static linear load	57.4 lb/in (10.3 kg/cm)

SERVICE CAPACITY

Fuel tank	10.6 gal (40 L)
Engine oil	4.2 gal (16 L)
Hydraulic reservoir	4.2 gal (16 L)
Water tank	52.8 gal (200 L)

OTHER SPECIFICATIONS

Steering:	
Type	Oscillation/Articulated
Method	Hydrostatic
Pump type	Gear
Steering angle – left and right	32°
Oscillation angle	8°
Turning radius:	
Outside	136 in (3450 mm)
Inside	89 in (2250 mm)
Vibration:	
System	Series
Pump type	Gear
Vibration	Front and rear
Frequencies:	
Low	3,480 vpm (58 Hz)
High	3,960 vpm (66 Hz)
Number of amplitudes	1
Amplitude	0.02 in (0.42 mm)
Centrifugal force – each drum	9,217 lb (41 kN)

STANDARD EQUIPMENT

Foldable ROPS
Anti-vandal guard
Hydrostatic drive for both drums
Dual vibration
Front/Dual drum vibration control
Auto vibration stop in neutral
Articulated chassis
Hydraulic oil cooler
Backup alarm
2 in (51 mm) retractable seat belt
Lateral moving suspension seat w/ foldable arms

Pressurized water system
Tapered drum edges
Vulcollon scrapers – adjustable
2-stage water filtration
Master disconnect switch
Horn
Hourmeter
Emergency stop button
4-point lift and tie down provision
Watering system drains
Electric fuse protection

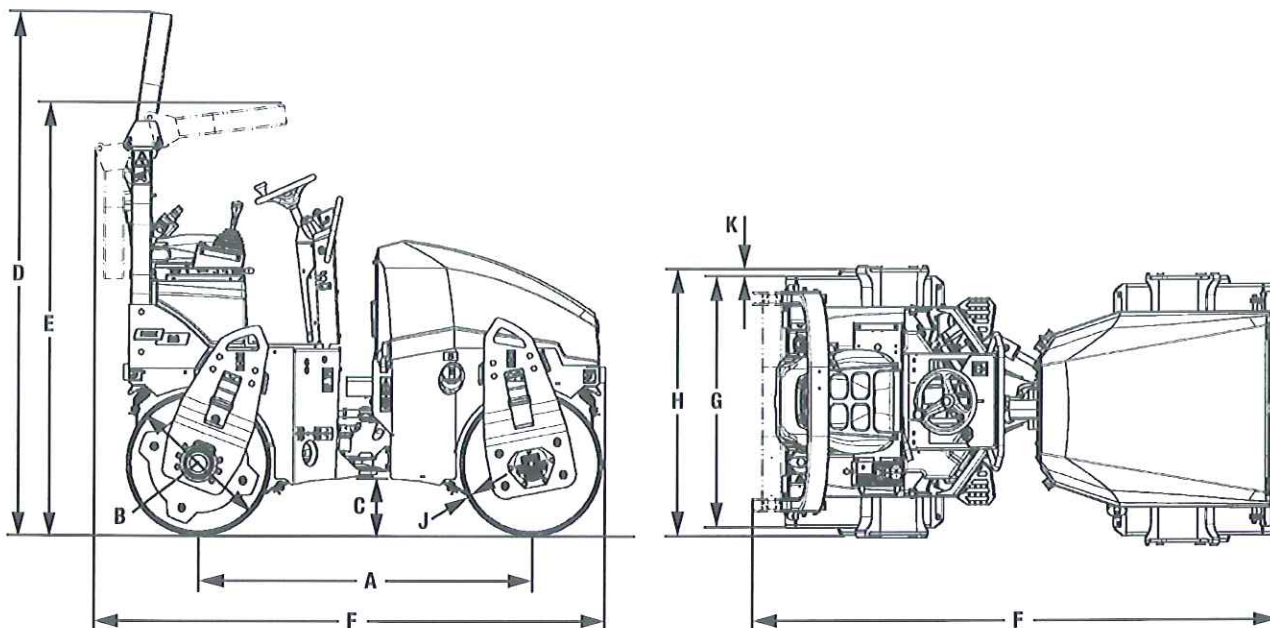
Steering wheel spinner knob
Spin-on fuel, engine oil and hydraulic filters
Tool box
Flip open hood
Indicator lights:
 Battery
 Engine oil pressure
 Intake preheater
 Engine temperature
 Parking brake
 Vibration on/off
 Sprinkler system on/off

OPTIONAL EQUIPMENT

Rotating beacon
3 in (76 mm) wide seat belt
Weather canopy
Road lights

Turn signals/flashers
Additional work lights – ROPS
Arm rests

Dual drive levers
Heated seat
Central lifting hook



Line drawings are for illustrative purpose only and may not be exact representation of unit.

DIMENSIONS

A. Wheelbase	64.2 in (1630 mm)
B. Drum diameter	27.6 in (700 mm)
C. Ground clearance	10.8 in (275 mm)
D. Overall height	100.4 in (2550 mm)
E. Folded ROPS height	76.0 in (1930 mm)
F. Overall length	98.7 in (2506 mm)
G. Drum width	47.2 in (1200 mm)
H. Overall width	52.5 in (1334 mm)
J. Drum thickness	0.5 in (13 mm)
K. Drum offset	1.6 in (40 mm)



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

NOTE: All engines meet current EPA emissions requirements.

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DV210C

Double Drum Roller Tier 4 Interim Certified

ENGINE

Model	Deutz TCD 3.6 L4 Tier 4 Interim Certified
Horsepower @ 2200 RPM	100 hp (74.4 kW)

POWERTRAIN

Drive	Hydrostatic
Maximum speed	6.8 mph (11 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	30%

ELECTRICAL

Voltage	24 Volts
Battery	12-volt @ 420 CCA
Halogen work lights	4 (55 watt/front and rear)
Turn signals & four-way flashers	Left/right

OPERATOR ENVIRONMENT

Operator work stations	1
Seat – multi-position/suspension	1
Seat position	Rotating and pivoting
Lever travel control	1
Seat-belt – retractable	2 in (51 mm)
Steering column	Adjustable up/down
Rearview mirrors	2 – front frame mounted

OPERATING WEIGHT

Operating weight	22,730 lb (10 310 kg)
w/ cab option – add	970 lb (440 kg)
Front drum load	11,380 lb (5 160 kg)
Front drum linear load	171 lb/in (30.7 kg/cm)
Rear drum load	11,350 lb (5 150 kg)
Rear drum linear load	171 lb/in (30.7 kg/cm)

SERVICE CAPACITY

Fuel tank	55.5 gal (210 L)
Engine oil	9.5 qt (9 L)
Hydraulic system – reservoir	16 gal (60 L)
Vibration system – each drum	11 qt (10.5 L)

OTHER SPECIFICATIONS

Steering:	
Pump type	Gear
Steering cylinders	2
Steering angle – left and right	31°
Oscillation angle +/-	6°
Inside turning radius	215 in (5470 mm)
Outside turning radius	293 in (7450 mm)

Water system:	
Water tank	222 gal (840 L) front frame mount
Water tank	Polyethylene
Water feed	Pressurized
Pumps	2
Fill ports	2
Filtration stages	3

Vibratory system:	
System design	Closed center
Pump type	Gear
Fixed displacement hydraulic motors	2
Vibration	Eccentric
Drum vibration	Front only/Rear only/options Front and rear

Frequency	
Low	2,520 vpm (42 Hz)
High	3,120 vpm (52 Hz)
Amplitude	
Low	0.014 in (0.35 mm)
High	0.032 in (0.82 mm)
Centrifugal force	
Low	17,535 lb (78 kN)
High	26,977 lb (120 kN)

STANDARD EQUIPMENT

Fixed ROPS/FOPS Canopy
Articulated chassis
Deutz TCD 3.6 L4/Tier 4 interim engine
Hydrostatic drive for both drums
Vulcollon drum scrapers – fixed
Machined tapered drum edges
Spin-on fuel, engine oil and hydraulic filters
Master disconnect switch
4-point lift and tie down provision
Worklights w/ turn signals
Back-up alarm
Brake release
Drum offset – crab steer

OPERATOR ENVIRONMENT

Iso-mounted operator's platform
Multi-position shifting suspension seat w/ foldable armrests
Adjustable steering column
Single lever speed and direction control w/ vibration on/off control

Speed selector
Smooth start and stop
Return to center – offset
Handrails

Tool box
2 in retractable seat-belt
Emergency stop button
Seat safety switch

INSTRUMENT PANEL

Intelligent integrated display screen
Ignition lockout
Hour meter
Throttle control
Manual or auto vibration control
Water tank level
Fuel tank level
Vibration frequency
Sprinkler intensity

INDICATOR LIGHTS

Battery
Coolant level
Engine temperature warning
Air filter
Hydraulic filter
Hydraulic oil level
Parking brake
Fuel filter
Sprinkler on/off

STANDARD EQUIPMENT

(continued)

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

WATER SYSTEM

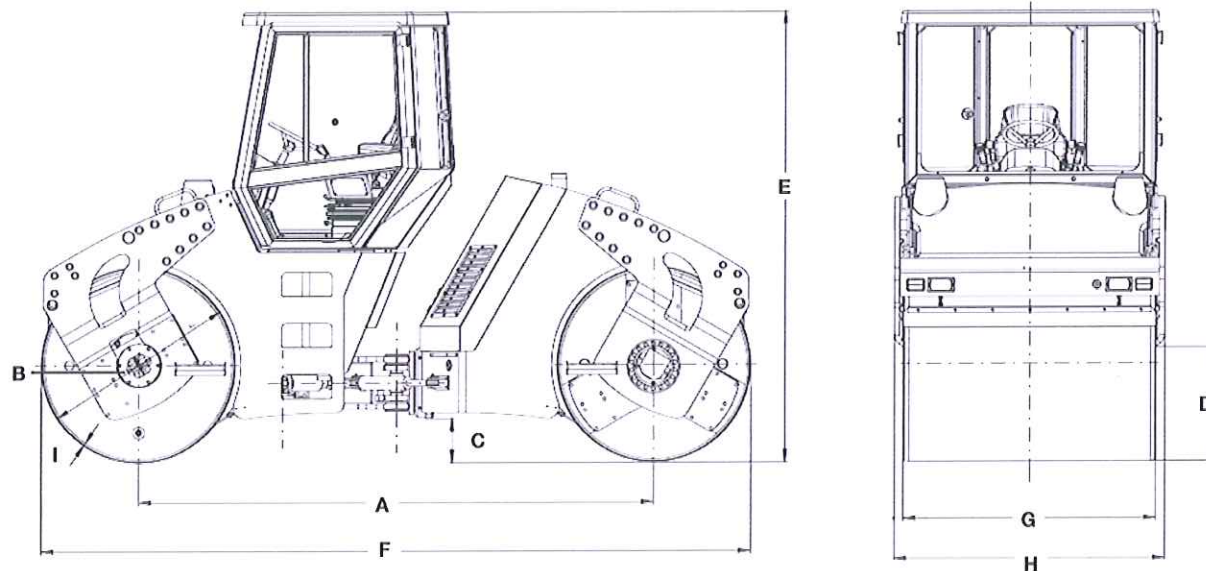
Pressurized water system
Dual fill port water tank
3-stage water filtration
Water system on/off
Water system drain
Adjustable sprinkler volume control

VIBRATION SYSTEM

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

OPTIONAL EQUIPMENT

Cab with heat and ventilation
Cab air conditioning
Radio mounting with 2 speakers and antenna – no radio
Rotating beacon
Edge cutter
Tiltable scrapers – front and rear
Infrared thermometer
Cab mounted LED work lights
360 degree night illumination kit
3 in retractable seat belt



DIMENSIONS

A. Wheelbase	11 ft 5 in (3 500 mm)
B. Drum diameter	48 in (1 220 mm)
C. Ground clearance	11.8 in (300 mm)
D. Curb clearance	30.7 in (780 mm)
E. Overall height	9 ft 10 in (3 000 mm)
F. Overall length	15 ft 5 in (4 720 mm)
G. Compaction width	66 in (1 680 mm)
H. Overall width	71 in (1 800 mm)
I. Drum thickness	0.9 in (22 mm)
Drum offset	6.7 in (170 mm)

CASE Customer Assistance
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