



TECHNICAL DATA

MASSES

Operating mass (incl. ROPS)	14,350 lbs
Operating mass (incl. Cab)	14,900 lbs
Module mass (front/rear)	7,500/6,850 lbs
Max. operating mass	15,500 lbs

COMPACTION

Static linear load	112 lbs/in
Nominal amplitude (high/low)	0.062/0.031 in
Vibration frequency (high/low amplitude)	1,920/1,920 vpm
Centrifugal force (high/low amplitude)	25,600/12,400 lbf

PROPULSION

Speed range	0-6.2 mph
Tire size (16 ply)	400/60-22.5 flotation
Max. theoretical gradeability	50 %
Vertical oscillation	±9°
Number of pads	132
Pad area	13 in ²
Pad height	3 in

ENGINE

Manufacturer /Model	Kubota V 3307 CR-TE4 (Stage IIIB/T4f)
Type	Water cooled turbo diesel
Rated power, SAE J1995	55 kW (75 hp) @ 2200 rpm
Fuel tank capacity	31 gal

ENGINE

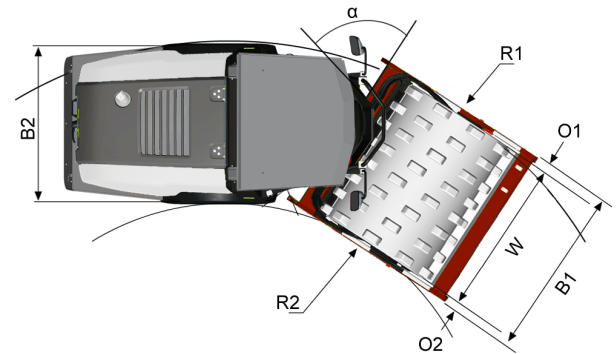
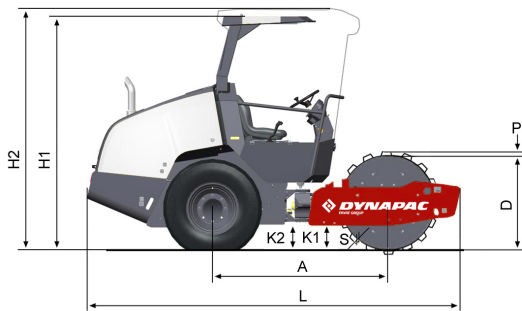
Manufacturer /Model	Kubota V 3307 CR-TE5 (Stage V)
Type	Water cooled turbo Diesel
Rated power, SAE J1995	55 kW (75 hp) @ 2200 rpm
Fuel tank capacity	31 gal

HYDRAULIC SYSTEM

Driving	Hydrostatic with a traction pump supplying two parallel connected motors, one on rear axle and one on drum.
Vibration	Hydrostatic with a vibration pump supplying a motor connected to the eccentric axle generating the vibrations.
Steering	Mechanical-hydraulic with steering valve supplying the steering cylinder. Steering angle is proportional to steering wheel.
Service brake	Hydrostatic in forward and reverse lever.
Parking/ Emergency brake	Failsafe multidisc brake in rear axle and front drum motor.

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DIMENSIONS

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A. Wheelbase	87 in
B1. Width, front	73 in
B2. Width, rear	60 in
D. Drum diameter	48 in
H1. Height, with ROPS/cab	107 in
H2. Height, max.	107 in
K1. Ground clearance	14 in
K2. Curb clearance	14 in
L. Length	177 in
O1. Overhang, right	3 3/4 in
O2. Overhang, left	3 3/4 in
P. Pad height	3 in
R1. Turning radius, outside	180 in
R2. Turning radius, inside	114 in
S. Drum shell thickness	0.67 in
W. Working width	66 in
α. Steering angle	±33°

STANDARD EQUIPMENT

- Back up alarm
- Battery switch (std)
- Brake release
- Cup and can holder
- Differential lock (limited slip)
- Drive control (right side)
- Drum drive
- ECO mode, Emergency stop
- Engine 75 hp (Tier4final)
- Engine hood (lockable)
- Fuel level display
- High mounted exhaust pipe
- Horn, Hour meter display
- Hydraulic checkpoints
- Hydraulic fluid filter ("spin-on")
- Hydraulic fluid (mineral), Interlock
- Key (starter), Lifting points
- Lifting points for jack
- Manuals (Operation & Maintenance)
- Manuals (Spare parts catalogue)
- Operator's platform (rubber mouted)
- Operator's station (fixed), Parking brake
- ROPS(fixed) or Cab with AC/heater/ fan
- Seat (adjustable), Seat belt 3"
- Storage box (on platform)
- Storage for laminated manuals
- Tie down points
- Vandal cover (instrument panel)
- Warning lights (brake engine oil pressure engine oil temperature, Engine diagnostics low charge, low fuel level)

OPTIONAL EQUIPMENT

Air Conditioning /Automatic Climate Control (ACC) (Optional)

- The system contains fluorinated greenhouse gases.
- Coolant designation: HFC-134a
- Coolant weight when full: 0,62 kg
- CO₂-equivalent: 0,887 ton
- GWP: 1430

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