

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

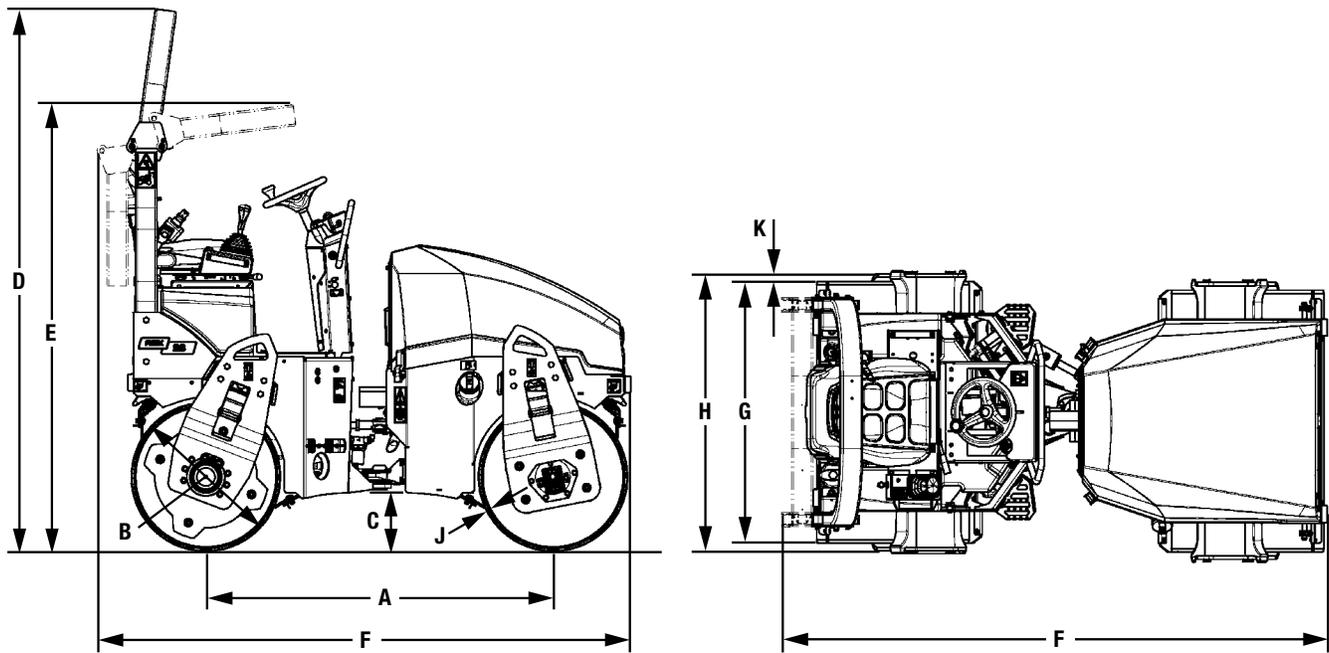
Steering wheel spinner knob
Spin-on fuel, engine oil and hydraulic filters
Tool box
Flip open hood
Indicator lights:
 Battery
 Engine oil pressure
 Intake preheater
 Engine temperature
 Parking brake
 Vibration on/off
 Sprinkler system on/off

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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DV26 • Page 2 of 2



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All Case construction equipment is biodiesel ready.