



317G

SPECIFICATIONS

Engine		317G
Manufacturer and Model		Yanmar 4TNV86CHT
Non-Road Emission Standard		EPA Final Tier 4/EU Stage IV
Cylinders		4
Net Power (SAE J1349 / ISO 9249)		45.6 kW (61 hp) at 2,600 rpm
Gross Rated Power (ISO 14396)		48.5 kW (65 hp) at 2,600 rpm
Peak Torque		207 Nm (153 ft.-lb.) at 1,690 rpm
Displacement		2.1 L (128 cu. in.)
Rated Engine Speed		2,600 rpm
Torque Rise		16% at 1,690 rpm
Aspiration		Turbocharged
Air Cleaner		Dry dual element
Cooling		
Fan Type		Direct belt drive
Powertrain		
Pump		Axial-piston hydrostatic
Motors		Axial-piston hydrostatic
Single Speed		11.3 km/h (7.0 mph)
Gearbox		High-drive direct-drive motor
Brakes		Integral, automatic, spring-applied, hydraulically released, wet-disc park brake
Undercarriage		
Rubber Tracks		Smooth-ride long-life rubber with steel inserts
Ground Pressure		
With Standard 320-mm (12.6 in.) Track		38 kPa (5.5 psi)
With Optional 400-mm (15.8 in.) Track		31 kPa (4.5 psi)
Track Rollers (per side)		4 triple-flange smooth-ride all-steel rollers
Track Idlers (per side)		1 double-flange and 1 single-flange smooth-ride all-steel rollers
Bearings/Seals (rollers/idlers)		Heavy-duty journal bearings and metal face seals
Tractive Effort		3632 kgf (8,000 lbf)
Hydraulics		
Type		3-spool open-center valve
Pump Flow, Standard		63 L/m (17 gpm)
System Pressure at Couplers		23 787 kPa (3,450 psi)
Hydraulic Horsepower (calculated)		25 kW (33 hp)
Auxiliary Hydraulics		Optional connect-under-pressure with flat-faced couplers
Cylinders		
Type		John Deere heat-treated, chrome-plated, polished cylinder rods, hardened steel (replaceable bushings) pivot pins
Electrical		
Number of Batteries		1
Reserve Capacity		150 min. standard / 180 min. optional
Alternator Rating		70 amp
Lights		
Standard		Halogen: 2 front and 1 rear
Deluxe (optional)		LED: 2 front, 2 side, and 1 rear
Operator's Station		
ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick pivot standard; keyless-start option with sealed-switch module		



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Serviceability		317G
Refill Capacities		
Fuel Tank		71 L (19 gal.)
Cooling System		12 L (12.7 qt.)
Operating Weights		
With Standard 320-mm (12.6 in.) Track		3721 kg (8,195 lb.)
With Optional 400-mm (15.8 in.) Track		3789 kg (8,345 lb.)
Machine Dimensions		
A Length without Bucket		2.63 m (103.0 in.) (8 ft. 7 in.)
B Length		
With Foundry Bucket		3.24 m (127.6 in.) (10 ft. 8 in.)
With Construction Bucket		3.49 m (137.4 in.) (11 ft. 5 in.)
C Width without Bucket		
With Standard 320-mm (12.6 in.) Track		1.65 m (65.1 in.) (5 ft. 5 in.)
With Optional 400-mm (15.8 in.) Track		1.82 m (71.5 in.) (5 ft. 11 in.)
D Height to Top of ROPS		1.99 m (78.5 in.) (6 ft. 6 in.)
E Height to Hinge Pin		3.07 m (121.0 in.) (10 ft. 1 in.)
F Dump Height		
With Foundry Bucket		2.43 m (95.6 in.) (8 ft. 0 in.)
With Construction Bucket		2.26 m (89.0 in.) (7 ft. 5 in.)
G Dump Reach		
With Foundry Bucket		0.79 m (31.0 in.)
With Construction Bucket with Edge		0.98 m (38.6 in.) (3 ft. 3 in.)
H Ground Clearance		0.21 m (8.3 in.)
I Angle of Departure		32.3 deg.
J Front Turn Radius with Foundry Bucket		1.97 m (77.7 in.) (6 ft. 6 in.)
K Dump Angle (full lift height)		42 deg.
L Bucket Rollback (ground level)		30 deg.
Loader Performance		
Tipping Load		2756 kg (6,070 lb.)
SAE Rated Operating Capacity		
At 35% Tipping Load		965 kg (2,125 lb.)
At 50% Tipping Load		1378 kg (3,035 lb.)
With Counterweight		1022 kg (2,250 lb.)
Boom Breakout Force		
With Foundry Bucket		2384 kg (5,250 lb.)
With Construction Bucket		2270 kg (5,000 lb.)
Bucket Breakout Force		
With Foundry Bucket		2724 kg (6,000 lb.)
With Construction Bucket		1930 kg (4,250 lb.)

