

317G CTL

45.6 kW (61.15 net hp)



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FEATURES

Simple track tensioning, easy-access greaser-zerk locations, swing-out hydraulic oil coolers, and large access points for debris removal minimize downtime and costly maintenance.

If engine coolant, hydraulic or engine oil, or other vital machine functions are out of normal operating range, integrated protection systems provide warning messages and automatically shut down the machine before expensive component failures.

Vertical-lift design maximizes lift heights and all-around visibility. Clear sight lines both above and below the boom enable easier grading in tight spaces or next to buildings. Excellent visibility out the front to the bucket corners and Quik-Tatch™ plus a low-profile rear-hood design expand views behind.

Durable high-performance engine and hydraulic powertrain provide maximum pushing power and boom/bucket productivity. Optimized power-to-weight ratio helps deliver more usable power and faster cycle times.



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 (61.15 hp) at 2,500 rpm
Gross Rated Power (ISO 14396)	48.5 kW (65.04 hp) at 2,600 rpm
Peak Torque	207 Nm (152.68 lb.-ft.) at 1,690 rpm
Displacement	2.1 L (127.6 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	11.27 km/h (7.0 mph)
Gearbox	High-drive double planetary reduction
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	37.99 kPa (5.5 psi)
With Optional 400-mm (15.8 in.) Track	30.96 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

Hydraulics		317G
Type	3-spool open-center valve	
Pump Flow, Standard	59.05 L/m (16 gpm)	
System Pressure at Couplers	23 786.91 kPa (3,450 psi)	
Hydraulic Horsepower (calculated)	23.42 kW (31.4 hp)	
Cylinders		
Stroke	351 mm (13.82 in.)	
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		
Serviceability		
Refill Capacities		
Fuel Tank	71.17 L (19 gal.)	
Cooling System	12.00 L (12.7 qt.)	
Operating Weights		
With Standard 320-mm (12.6 in.) Track	3720.53 kg (8,195 lb.)	
With Optional 400-mm (15.8 in.) Track	3788.63 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	1.82 m (71.5 in.) (6 ft. 0 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	2755.78 kg (6,070.0 lb.)	
SAE Rated Operating Capacity at 35% Tipping Load	964.52 kg (2,124.5 lb.)	
Boom Breakout Force		
With Foundry Bucket	2594 kg (5,714 lb.)	
With Construction Bucket	2373 kg (5,226 lb.)	
Bucket Breakout Force		
With Foundry Bucket	2933 kg (6,437 lb.)	
With Construction Bucket	2043 kg (4,500 lb.)	

