

325G CTL

52.5 kW (70 net hp)



JOHN DEERE

FEATURES

Increased height to hinge pin makes loading high-sidewall dump trucks more efficient.

Redesigned cab features an improved door seal with integrated chinstrap and glove-friendly removable side windows.

New cab foot-well system reduces cleanout time by half compared to E-Series machines, for quicker rental make-readies.

Secure in-cab boom lockout eases serviceability when the boom is raised.

Customer-inspired options include rearview camera, deluxe LED side lighting, heated seat, Bluetooth® radio, and hydraulic self-leveling and ride control.

Optional JDLink™ Ultimate telematics provide theft protection and remote diagnostics for faster troubleshooting.



Engine	325G
Manufacturer and Model	Yanmar 4TNV98CT
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV
Cylinders	4
Net Power (SAE J1349 / ISO 9249)	52.5 kW (70 hp) at 2,500 rpm
Rated Gross Power (ISO 14396)	54.8 kW (74 hp) at 2,500 rpm
Peak Torque	280 Nm (207 lb.-ft.) at 1,800 rpm
Displacement	3.3 L (203 cu. in.)
Rated Engine Speed	2,500 rpm
Torque Rise	34% at 1,800 rpm
Aspiration	Turbocharged
Air Cleaner	Dry dual element
Cooling	
Fan Type	Variable-speed hydraulic drive
Powertrain	
Pump	Axial-piston hydrostatic
Controls	Electrohydraulic
Travel Speeds	
Single Speed, Standard	9.3 km/h (5.8 mph)
2 Speed, Optional	
Low	8.4 km/h (5.2 mph)
High	13.2 km/h (8.2 mph)
Brake	Integral, automatic, spring-applied, hydraulically released wet-disc brake

Undercarriage	325G
Rubber Tracks	New-generation smooth-ride long-life rubber with steel inserts
Track Width	
Standard	320 mm (12.6 in.)
Optional	400 mm (15.8 in.)
Ground Pressure	
Standard 320-mm (12.6 in.) Track	39.3 kPa (5.7 psi)
Optional 400-mm (15.8 in.) Track	32.4 kPa (4.7 psi)
Track Rollers (per side)	4 triple-flange smooth-ride all-steel rollers
Track Idlers (per side)	2 double-flange smooth-ride all-steel rollers
Bearings/Seals (rollers/idlers)	Heavy-duty journal bearings and metal face seals
Tractive Effort	3859 kgf (8,500 lbf)

Hydraulics	
Pump Flow	
Standard	70 L/m (19 gpm)
Total with High-Flow Option	101 L/m (27 gpm)
System Pressure at Couplers	23 787 kPa (3,450 psi)
Hydraulic Horsepower Flow (calculated)	
Standard	27.9 kW (37.4 hp)
High	40.1 kW (53.7 hp)

Cylinders	
Type	John Deere heat-treated, chrome-plated polished cylinder rods, hardened steel (replaceable bushings) pivot pins

Electrical	
Voltage	12 volt
Battery Capacity	750 CCA (optional 925 CCA)
Alternator Rating	70 amp
Lights	Halogen, 2 front and 1 rear

Operator's Station	
	ROPS (ISO 3471) / FOPS (ISO 3449) structure with quick pivot standard

Serviceability	
Refill Capacity	
Fuel Tank	79 L (21 gal.)

Operating Weights	
With Standard 320-mm (12.6 in.) Track	4313 kg (9,500 lb.)
With Optional 400-mm (15.8 in.) Track	4381 kg (9,650 lb.)

Machine Dimensions	
A Length without Bucket	2.85 m (112.3 in.) (9 ft. 4 in.)
B Length with Foundry Bucket	3.46 m (136.3 in.) (11 ft. 4 in.)
C Width without Bucket	
With 320-mm (12.6 in.) Track	1.82 m (71.5 in.) (6 ft. 0 in.)
With 400-mm (15.8 in.) Track	1.90 m (74.7 in.) (6 ft. 3 in.)
D Height to Top of ROPS	2.06 m (81.1 in.) (6 ft. 9 in.)
E Height to Hinge Pin	3.20 m (126.1 in.) (10 ft. 6 in.)
F Dump Height with Foundry Bucket	2.59 m (102.1 in.) (8 ft. 6 in.)
G Dump Reach	
With Foundry Bucket	0.75 m (29.7 in.)
With Construction Bucket with Edge	0.94 m (37 in.) (3 ft. 1 in.)
H Ground Clearance	0.24 m (9.3 in.)
I Angle of Departure	30.5 deg.
J Front Turn Radius with Foundry Bucket	2.03 m (80 in.) (6 ft. 8 in.)
K Dump Angle (full lift height)	41 deg.
L Bucket Rollback (ground level)	34 deg.

Loader Performance	
Tipping Load	3360 kg (7,400 lb.)
SAE Rated Operating Capacity with Foundry Bucket	
At 35% Tipping Load	1176 kg (2,590 lb.)
At 50% Tipping Load	1634 kg (3,600 lb.)
Boom Breakout Force	
With Foundry Bucket	2384 kg (5,250 lb.)
With Construction Bucket	2154 kg (4,750 lb.)
Bucket Breakout Force	
With Foundry Bucket	3973 kg (8,750 lb.)
With Construction Bucket	2724 kg (6,000 lb.)

