Engine	317G		
Manufacturer and Model	Yanmar 4TNV86CHT	Displacement	2.1 L (128 cu. in.)
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	Rated Engine Speed	2,600 rpm
Cylinders	4	Torque Rise	16% at 1,690 rpm
Net Power (SAE J1349 / ISO 9249)	45.6 kW (61 hp) at 2,600 rpm	Aspiration	Turbocharged
Gross Rated Power (ISO 14396)	48.5 kW (65 hp) at 2,600 rpm	Air Cleaner	Dry dual element
Peak Torque	207 Nm (153 ftlb.) at 1,690 rpm	7 iii diddiidi	D. y dadi cicinent
Cooling	207 Tilli (133 Till 131) at 1,030 Tp.		
Fan Type	Direct belt drive		
Powertrain	Direct Bell direc		
Pump	Axial-piston hydrostatic	Gearbox	High-drive direct-drive motor
Motors	Axial-piston hydrostatic	Brakes	Integral, automatic, spring-applied,
Single Speed	11.3 km/h (7.0 mph)	Dianes	hydraulically released, wet-disc park bra
Undercarriage	11.5 Kill/ II (7.0 Ilipii)		riyaradiicaliy released, wet-disc park bra
Rubber Tracks	Smooth-ride long-life rubber with	Track Rollers (per side)	4 triple-flange smooth-ride all-steel
	steel inserts		rollers
Ground Pressure		Track Idlers (per side)	1 double-flange and 1 single-flange
With Standard 320-mm (12.6 in.) Track	38 kPa (5.5 psi)		smooth-ride all-steel rollers
With Optional 400-mm (15.8 in.) Wide Track	31 kPa (4.5 psi)	Bearings/Seals (rollers/idlers)	Heavy-duty journal bearings and met
			face seals
		Tractive Effort	3632 kgf (8,000 lbf)
Hydraulics			
Туре	3-spool open-center valve	Hydraulic Horsepower (calculated)	25 kW (33 hp)
Pump Flow, Standard	63 L/m (17 gpm)	Auxiliary Hydraulics	Standard connect-under-pressure
System Pressure at Couplers	23 787 kPa (3,450 psi)		with flat-faced couplers
Cylinders			
Type	John Deere heat-treated, chrome-plated	d, polished cylinder rods, hardened stee	(replaceable bushings) pivot pins
Electrical	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	311
Voltage	12 volt		
Capacity			
Battery	750 CCA standard / 925 CCA with option	nal cold weather start package	
Reserve	180 min.	start patriage	
Alternator Rating	70 amp with no air conditioning (A/C) /		
Arternator Rating	90 amp with A/C		
Lights	30 dinp with A/C		<b>50</b> A
Standard	Halogen: 2 front and 1 rear		
Deluxe (optional)	LED: 2 front, 2 side, and 1 rear		
Operator's Station	LLD. 2 Holit, 2 side, and Hear	K /	
ROPS (ISO 3471) / FOPS (ISO 3449) structure wi	th quick pivot standard; keyless-start		
option with sealed-switch module		.	
Serviceability			0
Refill Capacities			
		. 🖪 📗 🗎	
Fuel Tank	71 L (19 gal.)	<b>E</b>	
Cooling System	71 L (19 gal.) 12 L (12.7 qt.)	'   <u> </u>	
Cooling System  Operating Weights	12 L (12.7 qt.)		
Cooling System  Operating Weights		'   <u> </u>	
Cooling System <b>Operating Weights</b> With Standard 320-mm (12.6 in.) Track	12 L (12.7 qt.)	'   <u> </u>	T
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions	12 L (12.7 qt.) 3824 kg (8,423 lb.)	'   <u> </u>	
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions	12 L (12.7 qt.) 3824 kg (8,423 lb.)	'   <u> </u>	T
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket	12 L (12.7 qt.) 3824 kg (8,423 lb.) 3942 kg (8,683 lb.)		
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length	12 L (12.7 qt.) 3824 kg (8,423 lb.) 3942 kg (8,683 lb.) 2.63 m (103.0 in.) (8 ft. 7 in.)	F G	T
Cooling System  Dperating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.)  3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.)	F G	
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket	12 L (12.7 qt.) 3824 kg (8,423 lb.) 3942 kg (8,683 lb.) 2.63 m (103.0 in.) (8 ft. 7 in.)	F G	
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)	F G	H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket  Width Standard 320-mm (12.6 in.) Track	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.)	F G	H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.)	F G	H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.)		H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  With Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.)	F G	H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Foundry Bucket  With Without Bucket  Width Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height	12 L (12.7 qt.)  3824 kg (8,423 lb.)  3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.)  3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.)  1.82 m (71.5 in.) (5 ft. 11 in.)  1.99 m (78.5 in.) (6 ft. 6 in.)  3.07 m (121.0 in.) (10 ft. 1 in.)		H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  With Without Bucket  With Without Bucket  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.)		H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.)  3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.)  3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.)  1.82 m (71.5 in.) (5 ft. 11 in.)  1.99 m (78.5 in.) (6 ft. 6 in.)  3.07 m (121.0 in.) (10 ft. 1 in.)		H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket  With Construction Bucket  Dump Reach	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)		H
Cooling System Operating Weights With Standard 320-mm (12.6 in.) Track With Optional 400-mm (15.8 in.) Wide Track Machine Dimensions Length Without Bucket Length With Foundry Bucket With Construction Bucket With Without Bucket With Standard 320-mm (12.6 in.) Track With Optional 400-mm (15.8 in.) Track Height to Top of ROPS Height to Hinge Pin Dump Height With Foundry Bucket With Construction Bucket With Construction Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)		H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  Width Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket  With Construction Bucket  Dump Reach	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)		H
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  With Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket  Dump Reach  With Foundry Bucket  With Foundry Bucket  With Foundry Bucket  With Foundry Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)		B
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  With Without Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket  Dump Reach  With Foundry Bucket  With Foundry Bucket  With Foundry Bucket  With Foundry Bucket	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)  0.79 m (31.0 in.) 0.98 m (38.6 in.) (3 ft. 3 in.)		B
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket  With Foundry Bucket  With Foundry Bucket  With Construction Bucket  With Foundry Bucket  With Foundry Bucket  With Foundry Bucket  With Construction Bucket With Edge  Ground Clearance	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)  0.79 m (31.0 in.) 0.98 m (38.6 in.) (3 ft. 3 in.) 0.21 m (8.3 in.) 32.3 deg.		B
Cooling System  Operating Weights  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Wide Track  Machine Dimensions  Length Without Bucket  Length  With Foundry Bucket  With Construction Bucket  With Standard 320-mm (12.6 in.) Track  With Optional 400-mm (15.8 in.) Track  Height to Top of ROPS  Height to Hinge Pin  Dump Height  With Foundry Bucket  With Construction Bucket  With Foundry Bucket  With Foundry Bucket  With Construction Bucket  Dump Reach  With Foundry Bucket  With Construction Bucket  With Construction Bucket  With Construction Bucket With Edge  Ground Clearance  Angle of Departure	12 L (12.7 qt.)  3824 kg (8,423 lb.) 3942 kg (8,683 lb.)  2.63 m (103.0 in.) (8 ft. 7 in.)  3.24 m (127.6 in.) (10 ft. 8 in.) 3.49 m (137.4 in.) (11 ft. 5 in.)  1.65 m (65.1 in.) (5 ft. 5 in.) 1.82 m (71.5 in.) (5 ft. 11 in.) 1.99 m (78.5 in.) (6 ft. 6 in.) 3.07 m (121.0 in.) (10 ft. 1 in.)  2.43 m (95.6 in.) (8 ft. 0 in.) 2.26 m (89.0 in.) (7 ft. 5 in.)  0.79 m (31.0 in.) 0.98 m (38.6 in.) (3 ft. 3 in.) 0.21 m (8.3 in.)		Н