

35 P-TIER COMPACT EXCAVATOR SPECIFICATIONS



While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine	35 P-TIER						
Manufacturer and Model	Yanmar 3TNV88F		Displacement		1.642 L (100.2 cu. in.)		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		Net Power (ISO 9249)		17.4 kW (2	3.3 hp) at 2,400 rpm	
Powertrain			,	.,	(=		
Each track independently driven by hydrostation	axial-piston motor connected t	o 2-stage p	lanetary gear-reduction	on box			
Maximum Travel Speed	Low: 2.8 km/h (1.7 mph) / High						
Hydraulics			····p···/				
Open center with 2 variable-displacement pum	ps and 1 fixed-gear pump		Auxiliary Flow		61.2 L/m (1	6.2 gpm)	
Pump Flow	, , ,		Controls		2 hydraulic pilot-operated controls for		
Piston	2 x 38.4 L/m (2 x 10.1 gpm)	2 x 38.4 L/m (2 x 10.1 gpm)				boom, arm, bucket, swing, boom swing,	
Gear	22.8 L/m (6.0 gpm)				travel, and auxiliary functions		
Electrical						, , , , , , , , , , , , , , , , , , ,	
Alternator Rating	55 amp						
Work Lights	2 halogen: 1 mounted on operator's station and 1 mounted on boom						
Undercarriage							
Track, Rubber	300 mm (12 in.)						
Ground Pressure	1315-mm (4 ft. 4 in.) Standard A	rm and Sta	ndard Counterweiaht	1715-mm (5 ft. 8 in.)	Long Arm a	nd Extra Counterweiaht	
	With Canopy With Cab				With Cab		
With Rubber Track	32.0 kPa (4.6 psi)	33.0 kPa	(4.8 psi)	33.7 kPa (4.9 psi)		35.2 kPa (5.1 psi)	
Upperstructure				., ., .,			
Swing Speed	9.0 rpm						
Independent Swing Boom	Canopy	Cab					
Left	72 deg. 62 deg.						
Right	62 deg. 62 deg.						
Swing Brake	Spring applied, hydraulically re		omatic. disc type				
Serviceability	υ ₁ 3 την στη για στη στ		,				
Refill Capacities	Refill Capacities			ntinued)			
Fuel Tank	42 L (11.1 gal.)		Engine Oil With Filter		7.2 L (7.6 gt.)		
Cooling System	5.0 L (5.3 gt.) Hydraulic 1		Hydraulic Tank		32 L (8.5 gal.)		
Operating Weights							
	1315-mm (4 ft. 4 in.) Standard A	rm and Standard Counterweight		1715-mm (5 ft. 8 in.)	Long Arm ai	nd Extra Counterweight	
	With Canopy	With Cab		With Canopy		With Cab	
With Full Fuel Tank and 79-kg (175 lb.) Operator		3690 kg (8,135 lb.)	3783 kg (8,340 lb.)		3953 kg (8,715 lb.)	
Optional Angle Blade	296 kg (653 lb.)	296 kg (6		296 kg (653 lb.)		296 kg (653 lb.)	
Counterweight	, , , , , , , , , , , , , , , , , , ,		,	, , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , ,	
Standard	540 kg (1,190 lb.)	540 kg (1	.190 lb.)	540 kg (1,190 lb.)		540 kg (1,190 lb.)	
Additional	240 kg (529 lb.)	240 kg (5		240 kg (529 lb.)		240 kg (529 lb.)	
Operating Dimensions	J	J .		J			
operating Emiliations	1315-mm (4 ft. 4 in.)	1315-mm	(4 ft. 4 in.)	1715-mm (5 ft. 8 in.)		1715-mm (5 ft. 8 in.)	
			(4 ft. 4 in.) Arm and Cab	,	v		
	1315-mm (4 ft. 4 in.) Standard Arm and Canopy 4.87 m (16 ft. 0 in.)		Arm and Cab	1715-mm (5 ft. 8 in.) Long Arm and Canop 4.95 m (16 ft. 3 in.)	у	1715-mm (5 ft. 8 in.) Long Arm and Cab 4.74 m (15 ft. 7 in.)	
,	Standard Arm and Canopy	Standard	Arm and Cab 5 ft. 5 in.)	Long Arm and Canop	y	Long Arm and Cab	
A Maximum Cutting Height B Maximum Dumping Height C Maximum Digging Depth	Standard Arm and Canopy 4.87 m (16 ft. 0 in.)	Standard 4.70 m (1! 3.31 m (10	Arm and Cab 5 ft. 5 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.)	
A Maximum Cutting Height B Maximum Dumping Height	Standard Arm and Canopy 4.87 m (16 ft. 0 in.) 3.46 m (11 ft. 4 in.)	Standard 4.70 m (1! 3.31 m (10	Arm and Cab 5 ft. 5 in.) 1 ft. 10 in.) 0 ft. 0 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.) 3.57 m (11 ft. 9 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.) 3.39 m (11 ft. 1 in.)	
A Maximum Cutting Height B Maximum Dumping Height C Maximum Digging Depth D Maximum Digging Reach	Standard Arm and Canopy 4.87 m (16 ft. 0 in.) 3.46 m (11 ft. 4 in.) 3.06 m (10 ft. 0 in.)	Standard 4.70 m (19 3.31 m (10 3.06 m (19	Arm and Cab 5 ft. 5 in.) 1 ft. 10 in.) 0 ft. 0 in.) ft. 1 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.) 3.57 m (11 ft. 9 in.) 3.46 m (11 ft. 4 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.) 3.39 m (11 ft. 1 in.) 3.46 m (11 ft. 4 in.)	
A Maximum Cutting Height B Maximum Dumping Height C Maximum Digging Depth D Maximum Digging Reach	Standard Arm and Canopy 4.87 m (16 ft. 0 in.) 3.46 m (11 ft. 4 in.) 3.06 m (10 ft. 0 in.) 5.21 m (17 ft. 1 in.)	Standard 4.70 m (1! 3.31 m (10 3.06 m (1! 5.21 m (17	Arm and Cab 5 ft. 5 in.) I ft. 10 in.) O ft. 0 in.) I ft. 1 in.) ft. 4 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.) 3.57 m (11 ft. 9 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.) 3.39 m (11 ft. 1 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.)	
A Maximum Cutting Height B Maximum Dumping Height C Maximum Digging Depth D Maximum Digging Reach E Minimum Front Swing Radius	Standard Arm and Canopy 4.87 m (16 ft. 0 in.) 3.46 m (11 ft. 4 in.) 3.06 m (10 ft. 0 in.) 5.21 m (17 ft. 1 in.) 2.08 m (6 ft. 10 in.)	Standard 4.70 m (1! 3.31 m (10 3.06 m (1) 5.21 m (17 2.24 m (7	Arm and Cab 5 ft. 5 in.) I ft. 10 in.) O ft. 0 in.) I ft. 1 in.) ft. 4 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.) 3.57 m (11 ft. 9 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.) 2.19 m (7 ft. 2 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.) 3.39 m (11 ft. 1 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.) 2.30 m (7 ft. 7 in.)	
A Maximum Cutting Height B Maximum Dumping Height C Maximum Digging Depth D Maximum Digging Reach E Minimum Front Swing Radius F Transport Length	Standard Arm and Canopy 4.87 m (16 ft. 0 in.) 3.46 m (11 ft. 4 in.) 3.06 m (10 ft. 0 in.) 5.21 m (17 ft. 1 in.) 2.08 m (6 ft. 10 in.)	Standard 4.70 m (1! 3.31 m (10 3.06 m (1) 5.21 m (17 2.24 m (7	Arm and Cab 5 ft. 5 in.) ft. 10 in.) 0 ft. 0 in.) ft. 1 in.) ft. 4 in.) 5 ft. 3 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.) 3.57 m (11 ft. 9 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.) 2.19 m (7 ft. 2 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.) 3.39 m (11 ft. 1 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.) 2.30 m (7 ft. 7 in.)	
A Maximum Cutting Height B Maximum Dumping Height C Maximum Digging Depth D Maximum Digging Reach E Minimum Front Swing Radius F Transport Length Digging Force (ISO)	Standard Arm and Canopy 4.87 m (16 ft. 0 in.) 3.46 m (11 ft. 4 in.) 3.06 m (10 ft. 0 in.) 5.21 m (17 ft. 1 in.) 2.08 m (6 ft. 10 in.) 4.64 m (15 ft. 3 in.)	Standard 4.70 m (19 3.31 m (10 3.06 m (10 5.21 m (17 2.24 m (7 4.64 m (1	Arm and Cab 5 ft. 5 in.) 1 ft. 10 in.) 0 ft. 0 in.) 1 ft. 1 in.) ft. 4 in.) 5 ft. 3 in.)	Long Arm and Canop 4.95 m (16 ft. 3 in.) 3.57 m (11 ft. 9 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.) 2.19 m (7 ft. 2 in.) 4.75 m (15 ft. 7 in.)	у	Long Arm and Cab 4.74 m (15 ft. 7 in.) 3.39 m (11 ft. 1 in.) 3.46 m (11 ft. 4 in.) 5.52 m (18 ft. 1 in.) 2.30 m (7 ft. 7 in.) 4.75 m (15 ft. 7 in.)	





