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# 9035E

Compact Excavator



**LIUGONG**

**NORTH AMERICA**

**Engine:** Yanmar 3TNV88F

**Gross Power:** 24.4 HP (18.2 kW)

**Operating Weight:** 8,510 lb (3,860 kg)

**Bucket Capacity:** .014 Cubic Yards (.11 Cubic Meters)

**Maximum Digging Depth:** 10' 1" (3.08 m)



Specifications and designs may change without notice. Machines shown may include optional equipment.

ENGINE	
Emissions rating	EPA Tier 4 Final / Stage IV
Make	Yanmar
Model	3TNV88F-ESLY
Net power	23.2 hp (17.3 kW) @ 2,200 rpm
Peak torque	69.5 lb-ft (94.2 N-m) @ 1,320 rpm
Cylinders	3
Displacement	100 in <sup>3</sup> (1.64 L)

DRIVE AND BRAKES	
Max. travel speed	High: 2.8 mph (4.6 km/h) Low: 1.7 mph (2.7 km/h)
Max. drawbar pull	7,419 lbf (33 kN)

UNDERCARRIAGE	
Rubber track assembly	12 in (300 mm)
Bottom rollers, each side	4
Top rollers, each side	1

HYDRAULIC SYSTEM	
Main pump maximum flow	24.4 gal/min (92.4 L/min)
Relief pressure, main	3,553 psi (24.5 MPa)

SWING SYSTEM	
Swing speed	10 rpm

REFERENCE ARM	
Arm length	4 ft 4 in (1.32 m)
Arm breakout force, max, ISO	4,496 lbf (20 kN)

WORKING RANGES	
Max. digging depth	10 ft 1 in (3,085 mm)
Max. digging reach at ground level	17 ft 3 in (5,270 mm)
Max. digging depth 2.4 m (8 ft) level bottom	8 ft 7 in (2,610 mm)
Max. digging height	15 ft 5 in (4,710 mm)
Max. dumping height	10 ft 10 in (3,310 mm)
Max. vertical wall digging depth	8 ft 3 in (2,503 mm)

BUCKET PERFORMANCE	
Bucket capacity	0.14 yd <sup>3</sup> (0.11 m <sup>3</sup> )
Bucket breakout force, max, ISO	6,744 lbf (30 kN)

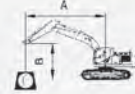
SERVICE CAPACITIES	
Fuel tank	10.6 gal (40 L)
Engine oil	1.77 gal (6.7 L)
Final drive (each)	0.13 gal (0.5 L)
Cooling system	1.85 gal (7.0 L)
Hydraulic reservoir	11.1 gal (42.0 L)
Hydraulic system total	18.5 gal (70.0 L)

**9035E<sub>ms</sub> WITH 300 MM (12 IN) SHOES, 1.32 M (4 FT 4 IN) ARM**

A: Reach from swing center  
B: Bucket hook height  
C: Lifting capacity  
Cf: Rating over front  
Cs: Rating over side



Conditions:  
Boom length: 2.45 m (8 ft 0 in)  
Arm length: 1.32 m (4 ft 4 in)  
Counterweight: 600 kg (1,323 lb)  
Shoes: 300 mm (12 in)  
Bucket: SAE 0.11 m<sup>3</sup> (0.14 yd<sup>3</sup>), 101 kg (223 lb)



**BLADE DOWN**

A Reach: m (ft)

B: Height (ft)		2 m (6 ft 7 in)		3 m (9 ft 10 in)		4 m (13 ft 1)		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Front	Side	Distance
9 ft 10 in	lb					*2,462	2,394	*3,584	2,011	13 ft 9 in
6 ft 7 in	lb					*2,866	2,328	*2,756	1,656	15 ft 2 in
3 ft 3 in	lb	*11,226	6,623	*5,093	3,518	*3,580	2,205	*2,978	1,530	15 ft 7 in
0 ft	lb	*14,103	6,157	*6,526	3,280	*4,169	2,094	*3,261	1,563	15 ft 1 in
-3 ft 3 in	lb	*13,049	6,153	*6,682	3,201	*4,202	2,050	*3,611	1,797	13 ft 8 in

**BLADE UP**

9 ft 10 in	lb					*2,462	2,394	*2,584	2,011	13 ft 9 in
6 ft 7 in	lb					*2,866	2,328	2,224	1,656	15 ft 2 in
3 ft 3 in	lb	9,165	6,623	4,685	3,518	2,945	2,205	2,079	1,530	15 ft 7 in
0 ft	lb	8,646	6,157	4,431	3,280	2,828	2,094	2,132	1,563	15 ft 1 in
-3 ft 3 in	lb	8,635	6,153	4,350	3,201	2,784	2,050	2,449	1,797	13 ft 8 in

1. \* Indicates the load is limited by hydraulic capacity rather than the tipping capacity.  
2. The above loads are in compliance with the ISO 10567 hydraulic rating standard. They do not exceed 87% of the hydraulic lifting capacity of 75% tipping load.  
3. Rating at bucket lift hook.



**DIMENSIONS**

A	15 ft 9 in (4,810 mm)	G	5 ft 3 in (1,600 mm)
B	8 ft 2 in (2,500 mm)	H	2 ft 9 in (850 mm)
C	4 ft 7 in (1,400 mm)	I	1 ft 11 in (580 mm)
D	5 ft 7 in (1,700 mm)	J	8 ft 2 in (2,500 mm)
E	5 ft 6 in (1,675 mm)	K	10 in (258 mm)
F	6 ft 11 in (2,100 mm)	L	12 in (300 mm)

**Notes**

**Odessa Office- (432) 276-5885**  
**AlphaOmegaEquipment.com**

