



<b>Engine</b>	Yanmar 3TNV88-BPLY
<b>Rated Power</b>	22.2 kW (29.8 hp / 30.2 ps) @ 2,400 rpm
<b>Net Power</b>	21.2 kW (28.4 hp / 28.8 ps) @ 2,400 rpm
<b>Maximum Dig Depth</b>	3,085 mm
<b>Standard Bucket Capacity</b>	0.11 m <sup>3</sup>
<b>Operating Weight (with Cab)</b>	3,980 kg
<b>Operating Weight (with Canopy)</b>	3,860 kg

## **9035E**

# **EXCAVATOR**



# 9035E SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Stage IIIA
Manufacturer	Yanmar
Model	3TNV88-BPLY
Rated Power	22.2 kW (29.8 hp / 30.2 ps) @ 2,400 rpm
Net Power	21.2 kW (28.4 hp / 28.8 ps) @ 2,400 rpm
Peak Torque	107 N·m @ 1,440 rpm
Number of Cylinders	3
Displacement	1.642 L

## TRACK DRIVE

Maximum Travel Speed	4.6 km/h
Drawbar Pull	33 kN

## UNDERCARRIAGE

Shoe Width	300 mm
Number of Shoes per Side	45
Number of Bottom Rollers per Side	4
Number of Upper Rollers per Side	1

## HYDRAULIC SYSTEM

Main Pumps Total Flow	92.4 L/min
Relief Pressure, main	24.5 MPa

## SWING SYSTEM

Swing Speed	10 rpm
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## REFERENCE ARM

Arm Length	1,320 mm
Arm Breakout Force, max, ISO	20 kN

## WORKING RANGES

Maximum Dig Depth	3,085 mm
Reach at Ground Level	5,270 mm
Depth of 8' Level Bottom	2,610 mm
Maximum Dig Height	4,710 mm
Dump Height	3,310 mm
Maximum Dig Depth of Vertical Wall	2,503 mm

## BUCKET PERFORMANCE

Standard Bucket Heaped Capacity ( Referenced )	0.11 m <sup>3</sup>
Minimum Heaped Capacity of Bucket Options	0.065 m <sup>3</sup>
Maximum Heaped Capacity of Bucket Options	0.3 m <sup>3</sup>
Bucket Breakout Force, max, ISO	30 kN

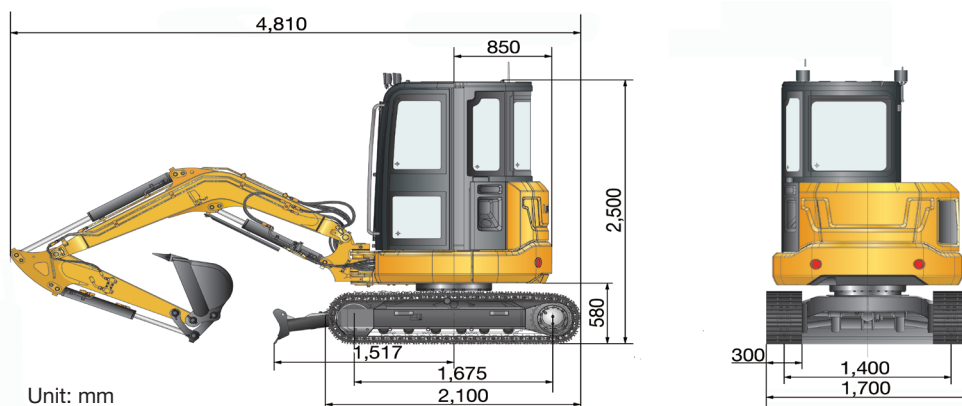
## SERVICE CAPACITIES

Fuel Tank	40 L
Engine Oil	6.7 L
Cooling System	7 L
Hydraulic Reservoir	42/70 L

Bucket: SAE 0.11 m<sup>3</sup>, Boom: 2,450 mm, Arm: 1,320 mm, Shoes: 300 mm

Lift Point Height	Lift Point Diagrams						Max. Reach		
	2 m (6.6')		3 m (9.8')		4 m (13.1')		Front	Side	mm / ft
3 m kg					※650	490	※660	450	4,198
9.8' lbs					※1,433	1,080	※1,455	992	13.8'
2 m kg			※840	780	※700	480	※670	370	4,620
6.6' lbs			※1,852	1,720	※1,543	1,058	※1,477	816	15.2'
1 m kg			※1,050	720	※820	460	※690	340	4,747
3.3' lbs			※2,315	1,587	※1,808	1,014	※1,521	750	15.6'
0 kg	※1,730	1,270	※1,390	680	※900	440	※720	340	4,607
0 lbs	※3,814	2,800	※3,064	1,499	※1,984	970	※1,587	750	15.1'
-1 m kg	※2,400	1,290	※1,330	670	※830	440	※750	410	4,167
-3.3' lbs	※5,291	2,844	※2,932	1,477	※1,830	970	※1,653	904	13.7'

- ※ Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- The above rated loads are in compliance with ISO 10567 hydraulic excavator lift capacity rating standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
- Ratings at bucket lift hook.



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Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

05/2021 Designed by LiuGong  
Replace the previous versions of 12/2020