

- Operating Weight : 3780 kg
- Bucket Capacity : 0.12 m³
- Engine Power : 27.4HP(20.4kW)/2200rpm



- **Good Controllability:** Mature load sensing system commissioning technique provides superior experience in controllability.
- **Energy Saving and Environment Friendly:** The independently developed smart control system effects a perfect match between the engine and the main pump and makes operation more efficient at lower fuel cost.
- **Stable and Reliable:** Reinforced work equipment and high strength slewing circle provide a more stable overall performance of the machine.
- **Safe and Comfortable:** standard canopy with newly designed damping system and multi level noise reduction design makes operation safer and more comfortable.

SPECIFICATIONS

SY35U

ENGINE

Model	Yanmar 3TNV88-BSSY
Type	3 Cylinder, Inline, Water Cooled Diesel
Rated Engine Power	27.4HP(20.4kW)/2200rpm
Max. Torque	106 N.m @1200 rpm
Batteries	1×12 V
Displacement	1.642 L

CONTROL SYSTEM

Control Hydraulic System	Load sensing system
Working Modes	S, B
Remote Monitoring System	

HYDRAULIC SYSTEM

Main Pumps	Variable displacement pump
Max. Flow	88 lpm
Pilot Pump	NA
Travel Motor	2 Axial piston motor with parking brake
Swing Motor	1 Axial piston motor

RELIEF VALVE SETTINGS

Implement Circuit	24.5 MPa
Swing Circuit	20.6 MPa
Travel Circuit	24.5 MPa
Pilot Circuit	3.5 MPa

UNDERCARRIAGE & WORKING DEVICE

Track Shoes(Each Side)	44
Upper Rollers	1
Lower Rollers	4
Track Guard (Each Side)	1
Std. Track	300 mm
Std. Boom	2540 mm
Std. Arm	1400 mm
Std. Bucket	0.12 m ³

PERFORMANCE

Max. Travel Speed(High/Low)	4.4/2.4 km/h
Swing Speed	9 rpm
Grade ability	30°(58%)
Ground Pressure	32 kPa
Max. Tracking Force	36.8 kN
Bucket Digging Force	30.4 kN
Arm Digging Force	18.2 kN

SERVICE REFILL CAPACITIES

Hydraulic Tank	40 L
Fuel Tank	40 L
Engine Oil	6.7 L
Radiator	6.5 L
Swing Device	NA
Travel Device	2×0.7 L

DIMENSION (Unit: mm)

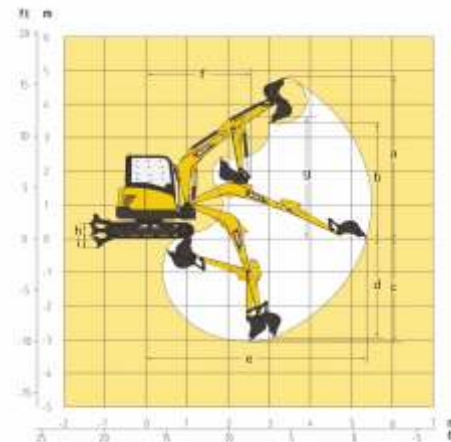


DIMENSION (Unit: mm)

Arm 1400

A. Overall Length	4915
B. Overall Width	1720
C. Overall Height	2515
D. Upper Width	1550
E. Blade Height	350
F. Std. Track Shoe Width	300
G. Track Gauge	1420
H. Min. Ground Clearance	295
I. Rear-end Swing Radius	860
J. Distance Between Tumblers	1670
K. Under Carriage Length	2155

WORKING RANGE (Unit: mm)



WORKING RANGE

Arm 1400

a. Max. Cutting Height	4855
b. Max. Dipping Height	3460
c. Max. Digging Depth	3105
d. Vertical Digging Depth	2700
e. Max. Digging Reach	5465
f. Min. Swing Radius	2475
g. Max. Height At Min. Swing Radius	3685
h. Max. Ground Clearance of Blade Up	375
i. Max. Depth of Blade Down	370

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Material & specification are subject to change without notice in accordance with our continuous technical innovations. Featured machines in photos may include additional.

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