



# ENGINE POWER - 30 hp ENGINE MAKE - Yanmar OPERATING WEIGHT - 3900 kg BUCKET CAPACITY - 0.12 cu.

**BUCKET CAPACITY** - 0.12 cu.m





**Agriculture** & Plantation **Applications** 



Urban Infrastructure **Smart Cities** 



Civil Construction & Earth Work



Municipal Development & Maintenance

### MERBU A Committee of the Comm STURDY STRUCTURE SIMPLE SERVICEABILITY Reinforced Boom, Arm and Bucket for Tough Indian Conditions Wear Resistance Buckets Ground Accessible Maintenance P **POWERFUL AND PRODUCTIVE** INTELLIGENT HYDRAULICS Globally acclaimed Hydraulics components High Life ◆ Powerful Yanmar engine ensures optimum Low Fuel Consumption and High Reliability COMFORTABLE OPERATOR STATION All Around 360 degree visibility Newly Designed Arm rest, Seat for Convenience of Operation

#### SPECIFICATION

#### ENGINE

Model	Yanmar 3TNV88
Type	3 cylinder , four stroke water cooled
Rated Power	30 hp @ 2400 rpm
Max Torque	106.4 Nm @ 1000 rpm
Batteries	12 V x 2
Dispalcement	1.64 L

#### HYDRAULIC SYSTEM

Main Pumps	1 Piston Pump
Max Flow	1 x 108 lpm
Swing Speed	9 rpm

#### RELIEF VALVE SETTINGS

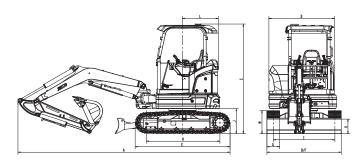
Main Safety Valve	23 Mpa
Swing system Pressure	16.7 Mpa
Travel system Pressure	21 MPa
Pilot system pressure	3.9 MPa

#### UNDERCARRIAGE

Max Travel Speed	3.6 km/hr
Max traction Force	31.6 kN
Gradeability	≤30°
No of Upper Roller/Side	1
No of Lower Roller/Side	4
No of track Shoes/Side	46
Shoe width	300 mm

#### REFILL CAPACITIES

Fuel Tank	40 L
Engine Coolant	8 L
Engine Oil	7 L
Travel device(Per side)	0.7 L
Hydraulic Tank	45 L
Hydraulic System	60 L



#### **OPERATOR CABIN**

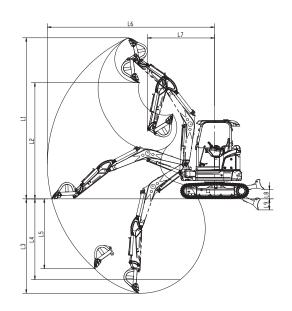
Canopy	STD
Cabin	OPT

#### **DIMENSION**

(UI	NIT:mm)	B00M 2560 mm ARM 1350 mm
Α	Overall Length	4970
В	Overall Width	1740
С	Overall Height	2535
Е	Length of Crawler	1721
F	Overall Width of Undercarriage	1740
G	Track Shoe Width	300
1	Track Gauge	1440
J	Ground Clearance of Counterweight	587
K	Min. Ground Clearance	297
L	Min. Tail Swing Radius	870

#### WORKING RANGE

1U)	VIT: mm)	BOOM 2560 mm ARM 1350 mm
L1	Max. digging height	5000
L2	Max. dumping height	3600
L3	Max. digging depth	3060
L5	Max. vertical wall digging depth	2260
L6	Max. digging radius	5300
L7	Min. Swing Radius	870
L8	Max. dozer blade hoist height	305
L9	Max. dozer blade digging depth	360





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