

Excavator

DJJ
EQUIPMENT

U18

The Versatile Flexibility Expert

Adaptable choice for diverse tasks.



U18



1880

Operating
Weight(kg)

470

Bucket
Width(mm)

0.05

Capacity(m³)

14.5/20

Engine
Power(kW/HP)

Overall Length(mm)	3690
Overall Width(mm)	1080
Overall Height(mm)	2350
Tail Swing Radius(mm)	700
Length of Track(mm)	1585

Max. Digging Height(mm)	3620
Max. Digging Depth(mm)	2295
Max. Digging Radius(mm)	4125
Max. Digging Radius on Ground(mm)	4060
Max. Dumping Height(mm)	2500
Min. Slewing Radius(mm)	1690
Max. Vertical Digging Depth(mm)	1900

EXTENDED MAINTENANCE INTERVALS

Lubricate Swing Circle	500 hrs
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Lubricate Work Equipment	500 hrs
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Replace Engine Oil & Filter	500 hrs
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Fuel Filter	500 hrs
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Hydraulic Filter	1000 hrs
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U18-SPECIFICATION

ENGINE

Brand	Yanmar
Mode	3TNV76
Type	Vertical Cylinder
Piston Displacement(L)	1.116
Engine Power(kW/rpm)	14.5/2400

OPERATING WEIGHT (APPROX.)

Operating Weight with Rubber Shoe(kg)	1880
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BLADE

Width * Height(mm)	1080 to 1400 * 145
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ELECTRICAL SYSTEM

Operating Voltage(V)	12
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PERFORMANCE

Traveling Speed(km/h)	4/2
Swing Speed(rpm)	8.5~10.5
Max. Gradeability	30°
Max. Digging Force of Arm(kN)	8.5
Max. Digging Force of Bucket(kN)	15.5

DRIVES AND BRAKES

Drive Method	Hydrostatic
Type of Travel Brake	Hydraulic Lock
Type of Travel Shoe	Rubber

REFILL CAPACITIES

Fuel Tank(L)	23
Hydraulic Tank(L)	20

Features

EXCAVATOR



Yanmar engine

Offers enhanced fuel efficiency, high power at low speeds, increased durability, easier maintenance, and low emissions.

Telescopic Chassis

The telescopic chassis can be narrowed to 1080mm at its most compact, extend to 1400mm, allowing it to navigate through tight passageways.

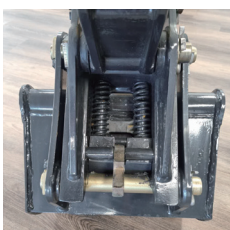


Swing Boom

The swing boom has a maximum left deflection angle of 70° and a maximum right deflection angle of 60°. This increases the excavator's bucket flexibility, reduces the need for workspace, and allows the bucket to rotate while the main body and boom stay stationary.

Zero Tail Swing

Zero tail swing design provides superior maneuverability in confined spaces, minimizing the risk of accidental collisions and making it easier to operate in tight environments.



Half Hitch

Streamlines the process of changing attachments, making operations more efficient and safer. Its design minimizes downtime and operational expenses, offering straight-forward adaptability for various tasks.



ROPS & FOPS Certified

Certification in Rollover Protection Structure (ROPS) and Falling Object Protective Structure (FOPS) ensures operator safety by adhering to stringent standards for rollover and falling object protection, thereby reducing the risk of accidents.

Dual Travel Speed

Dual travel speeds offer improved flexibility and efficiency when navigating various job sites.



Pilot Control

Pilot control provides a comfortable driving experience with smooth operation.

High Strength Cab

The cab's structural beam is thickened and enlarged, significantly enhancing the cab's strength. This design effectively protects against falling objects and tipping hazards, ensuring greater safety for the operator.



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