



SY80U

Engine power

53.7kW/2100rpm

Bucket capacity

*0.28m³

Operating weight

8800kg

* Bucket is optional



High reliability



Excellent performance



Comfortable and convenient



Safe and environmentally friendly

- ◆ The newly designed reinforced structural parts are strong and durable and have a longer service life; the powerful engine that meets the latest international emission standards effectively ensures reliability.
- ◆ It adopts a load-sensitive system and fully optimized main valves and working devices to meet precise control requirements and improve work efficiency.
- ◆ The cab has been newly upgraded with a wider field of view. It adopts a high-back mechanical suspension seat to make the driving more comfortable. Optional auxiliary pipelines, quick changes, etc. can be installed to meet diversified needs.
- ◆ The electronic engine emergency stop switch ensures the safety of drivers and passengers; it has low fuel consumption, high energy efficiency, and is environmentally friendly.

Technical specifications

Specification	Main performance		
Operating weight	8800 kg	Traveling speed (high/low)	4.5/2.5 km/h
Model	Yanmar 4TNV98CT	Gyration speed	10.2 rpm
Type	4-cylinder/4-stroke/inline/water cooled/diesel	Grade ability	58% / 30°
Engine power	53.7 kW/ 2100 rpm (SAEJ1995)	Ground pressure	37.9 kPa
Maximum torque	290 Nm/ 1350 rpm	Digging force of bucket	62.3 kN
Displacement	3.318 L	Digging force of arm	40.5 kN

Machine dimensions

Overall dimensions (mm)	SY80U	Operation range (mm)	SY80U
A. Overall length (during transportation)	7010	a. Maximum digging height	7315
B. Overall width	2200	b. Maximum unloading height	5430
C. Overall height (during transportation)	2550	c. Maximum digging depth	4535
D. Height of dozer blade	460	d. Maximum digging depth with vertical boom	2490
E. Width of standard track shoe	450	e. Maximum digging distance	7290
F. Track gauge	1750	f. Minimum gyration radius	2435
G. Minimum ground clearance	365	g. Maximum reach at ground level	5490
H. Gyration radius of tail	1480		
I. Wheel gauge	2315		
J. Grounding length of track	2915		
k. Maximum lifting height of blade	480		
L. Maximum falling depth of blade	325		

