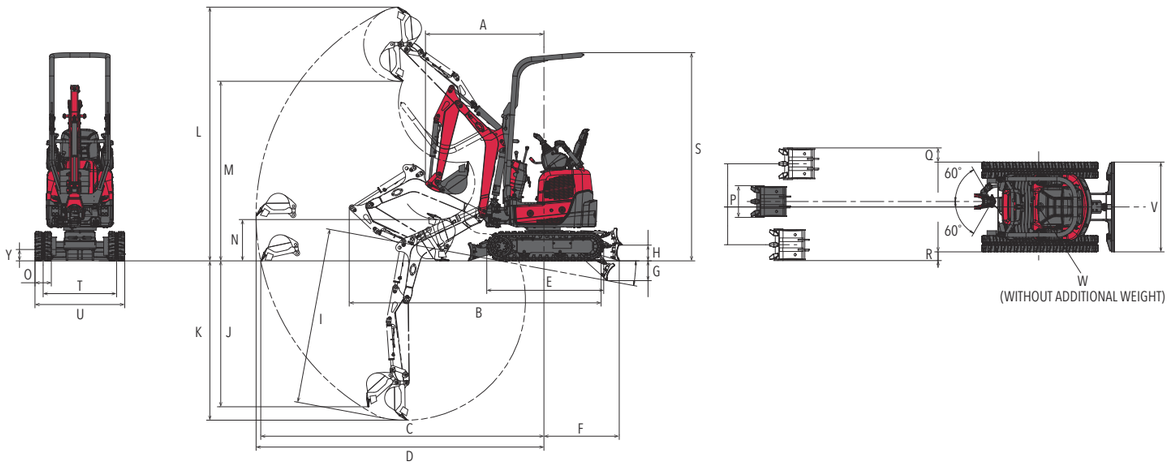
● Dimensions



Rubber track specification
Unit: mm

	A	A (at boom swing)	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	Y
SV10	1310	1130	2780	3120	3170	1290	830	220	175	1940	1610	1760	2800	1980	455	180	350	155/280	95/220	2300	810/560	990/740	990/740	R540	125

●Specifications

MODEL				SV10	
TYPE				ROPS Bar	
				With additional weight	Without additional weight
WEIGHT	Operating weight	Rubber track	kg	1155	1105
		Steel track	kg	-	-
ENGINE	Type			Vertical type series water-cooled 4 cycle diesel engine	
	Model			3TNV70-WBVB1	
	Rated output, net		kW / rpm	9.2 / 2000	
BUCKET	Capacity, standard		cu.m	0.018	
	Width, standard		mm	350	
PERFORMANCE	Max. digging force	Bucket	kN	10.3	
		Arm	kN	5.5	
	Max. digging depth <at the blade down>		mm	1760 <1940>	
	Max. vertical wall digging depth		mm	1610	
	Max. cutting height		mm	2800	
	Max. dumping height		mm	1980	
	Max. digging radius of the ground		mm	3120	
	Front min. swing radius <at swinging the boom>		mm	1310 <1130>	
	Boom swing angle: left / right		degrees	60 / 60	
SPEED	Travel speed: high / low	Rubber track	km/h	3.7 / 1.9	
	Swing speed		rpm	9.1	
GROUND PRESSURE	With standard track	Rubber track	kPa	29.1	27.8
TANK CAPACITY	Fuel tank		L	11	
	Hydraulic oil tank		L	13.8	
HYDRAULIC SYSTEM	Pump displacement	Main pump	L /min	11.1	
		Pilot pump	L /min	8.1	
	Relief set pressure		MPa	19	
	Max. AUX. output		L /min	21.6	

All data are subject to change without notice. Note that the standard equipment may vary. Consult your YANMAR dealer for confirmation.

YANMAR COMPACT EQUIPMENT

yanmar.com

Printed in Japan
2602

YANMAR

TIGHT TAIL SWING EXCAVATOR

SV10

[Net] 9.2kW <12.3HP>



SV10

Maneuverability in confined spaces



BUILDING WITH YOU

The specifications and attachments may differ depending on the sales area / sales period.

Key Features of SV10



NEW
Front ROPS* Bar

Provides rollover protection for seatbelt-secured operators (ISO 3471) with a foldable design for low-clearance access.

YANMAR Engine YANMAR ORIGINAL

Powerful, reliable and efficient.

Page 8, 9

Improved Rear Swing Radius

Page 6

NEW
Adjustable Side Levers

Reduce operator fatigue and increase operating space.

Page 11

NEW
Top-Mounted Boom Cylinder

A top-mounted boom cylinder and internal hose routing enhance overall robustness.

Page 10

Walk-Through

Ease of getting in and out of machine.

Page 10

Digging Depth

Digging depth is enhanced.

Page 10

Four Tie-Down Points (2 on each side)

Four tie-down points are provided to ensure safe transportation of the machine.

Sliding Variable Undercarriage

Retracts to fit through narrow passages. Extends for stable operation.

Page 7

NEW
Blade Lock Feature

This feature restricts blade operation when the cutoff lever is raised.

* Roll-Over Protective Structure (ROPS): A structure to protect the operator wearing a seat belt, in case the machine rolls over.

Maneuverability in confined areas



Machine width : Min. **740**mm / Max. **990**mm

Operating Weight
1105kg



990mm ▸ **740**mm



Sliding Variable Undercarriage

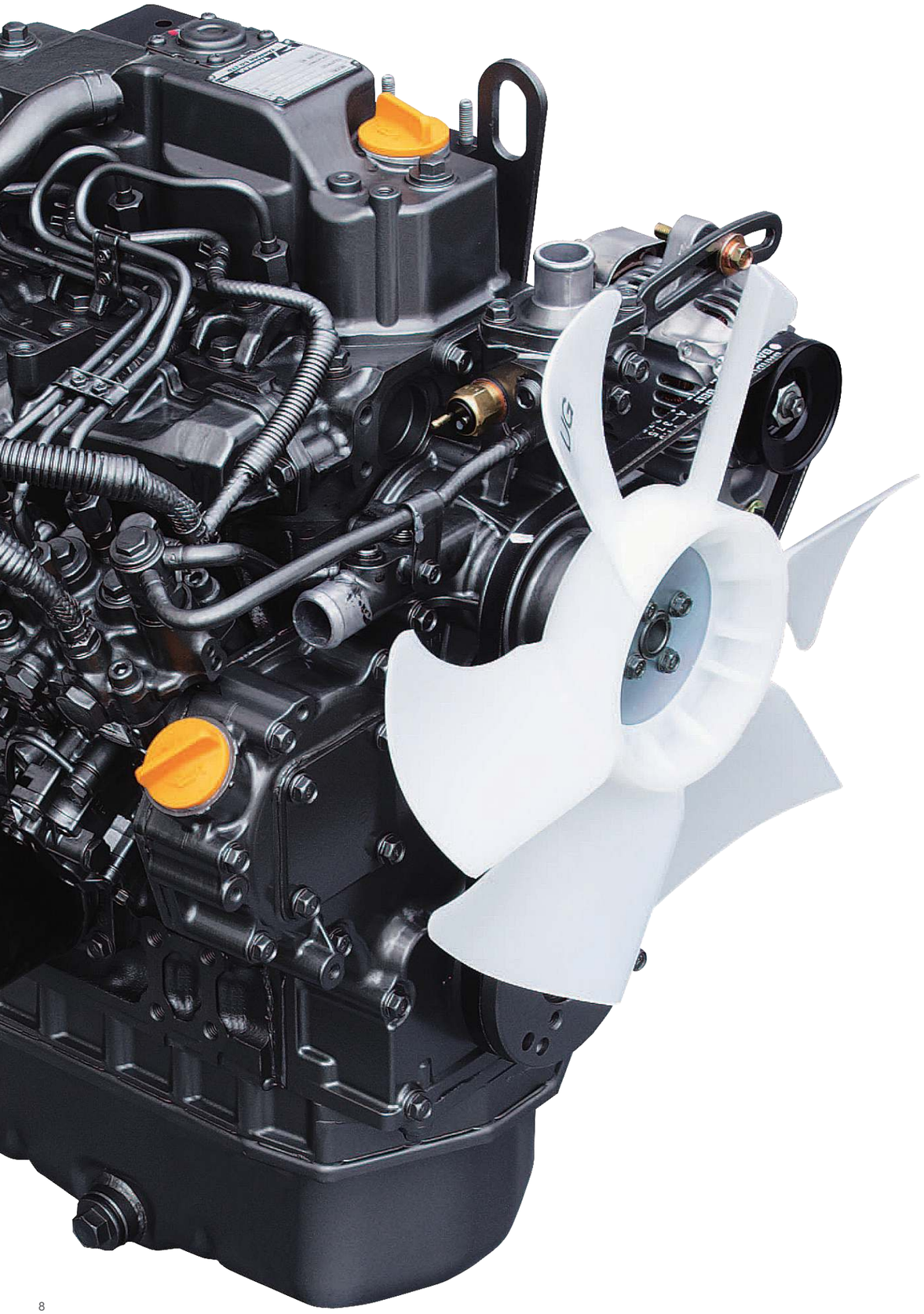
The undercarriage retracts to 740mm to fit through narrow passages and extends to 990mm for stability while working.

Simple Extendable Blade

The blade features a pin-detachable design, allowing the width to be easily adjusted by repositioning the extensions. No tools are required.

Optimized ROPS Bar Positioning

By adjusting the mounting position of the ROPS bar, maneuverability in confined areas has been improved.



Reliable YANMAR engine designed to deliver powerful output and fuel efficiency

YANMAR Engine

Powered by a YANMAR 3-cylinder engine, the 3TNV70 delivers 9.2 kW of power and 52 Nm of torque—providing the highest output in the 1-ton class with the SV10.

Model **3TNV70-WBVB1** Output (Net) **9.2kW**

High Performance Engine

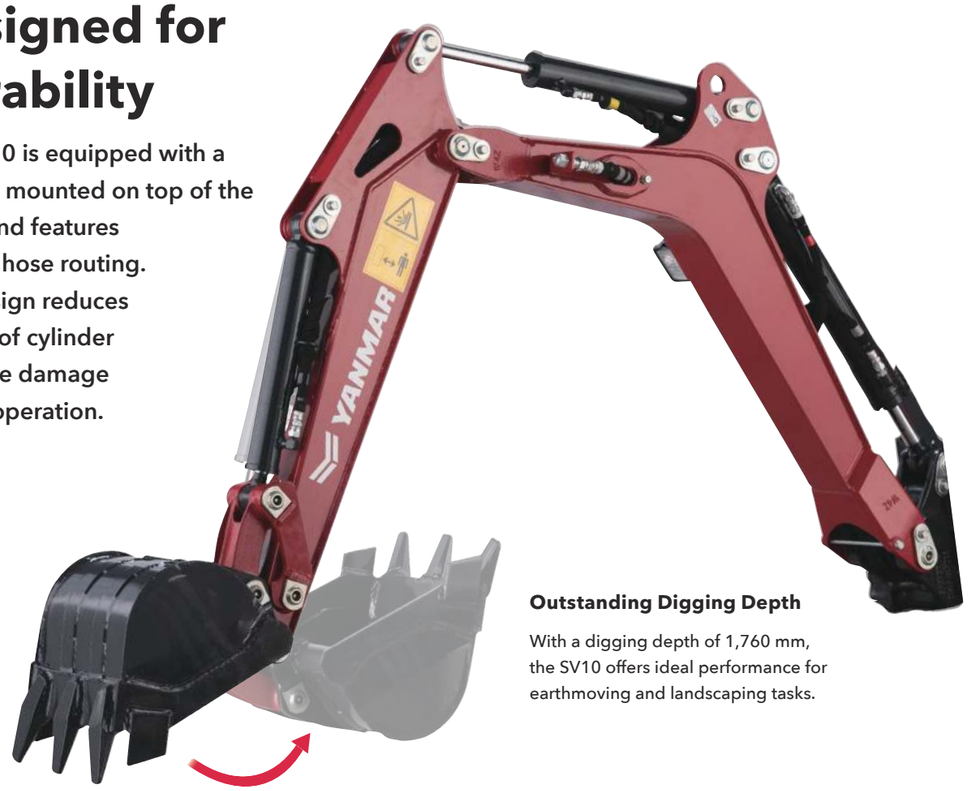
High performance engine provides a powerful boost for tough works.

Clean and Low-Noise

Ultra-low noise design, friendly to people and the environment.

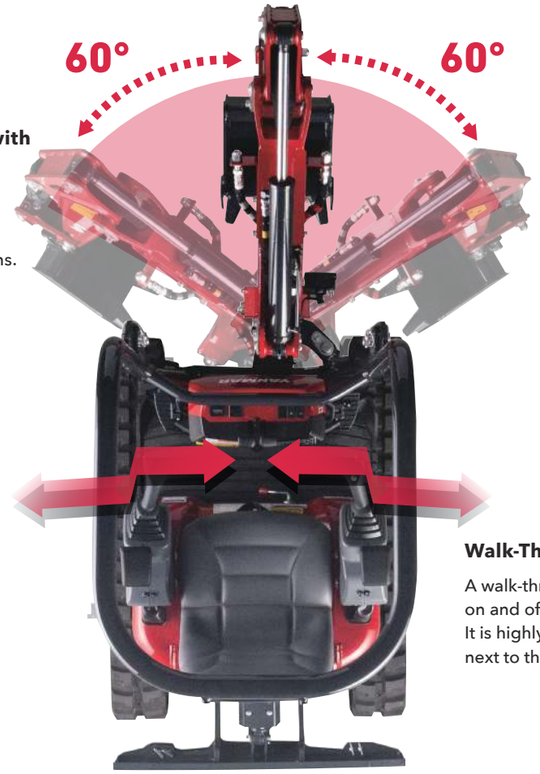
Reliable Performance, Designed for Durability

The SV10 is equipped with a cylinder mounted on top of the boom and features internal hose routing. This design reduces the risk of cylinder and hose damage during operation.



Outstanding Digging Depth

With a digging depth of 1,760 mm, the SV10 offers ideal performance for earthmoving and landscaping tasks.



Improved Boom Swing Angle with Equal Left and Right Rotation

This ensures visibility and allows operation without being affected by right-hand or left-hand traffic patterns.

Walk-Through

A walk-through enables operator to get on and off the machine from both sides. It is highly efficient when operating right next to the wall.

Comfortable operator space



1 Adjustable Side Levers

The adoption of side levers, which come as standard, reduces operator fatigue even during extended operations, while providing a larger operating space and enhanced operator comfort.



2 AUX Hydraulics Control

Auxiliary hydraulics are controlled by pedal. It is excellent for long demolition job application.



3 High Speed Travel Switch

Save time by traveling faster around your job site.



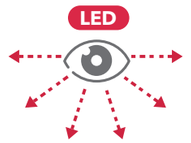
Sliding Variable Undercarriage Control

It is easy to retract or extend the undercarriage with touch of lever.



AUX Switch Valve

Easy switching of double-acting attachments.



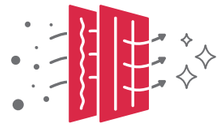
LED Work Lamp

LED lamps offer longer lifespan than traditional halogen lamps, improving visibility at nighttime and in adverse weather conditions.





Easy maintenance



Double-Element Air Cleaner

Designed for dusty indoor environments, the double-element air cleaner provides effective dust removal. The outer and inner elements are removable for easy maintenance, while the inner element protects the engine and helps extend engine life.



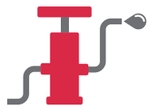
Battery, Fuel and Hydraulic Tanks

A wide opening enables easy access to daily maintenance.



Easier Engine Oil Filter Replacement

An optimized accelerator pedal wire layout creates improved access, making engine oil filter replacement easier and more efficient.



Hydraulic Components, Return Filter

The left-hand steel cover is easily removable, allowing quick access to hydraulic components and the return filter. The Yanmar engine features an automatic feed pump, enabling air to be removed from the fuel system simply by turning the ignition to the “ON” position.



Improved Fan Belt Maintenance

The raised alternator position improves access to the mounting bolts, making fan belt maintenance easier and more efficient.

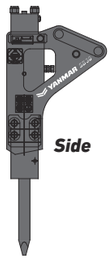
Attachments

YANMAR Hydraulic Breaker

A wide range of hydraulic breakers are available for demolition applications.
Each model delivers reliability, productivity and durability.
Refer to breaker's catalog for more information.



Product Lineup



Side



Pin Mounted



Cap Mounted

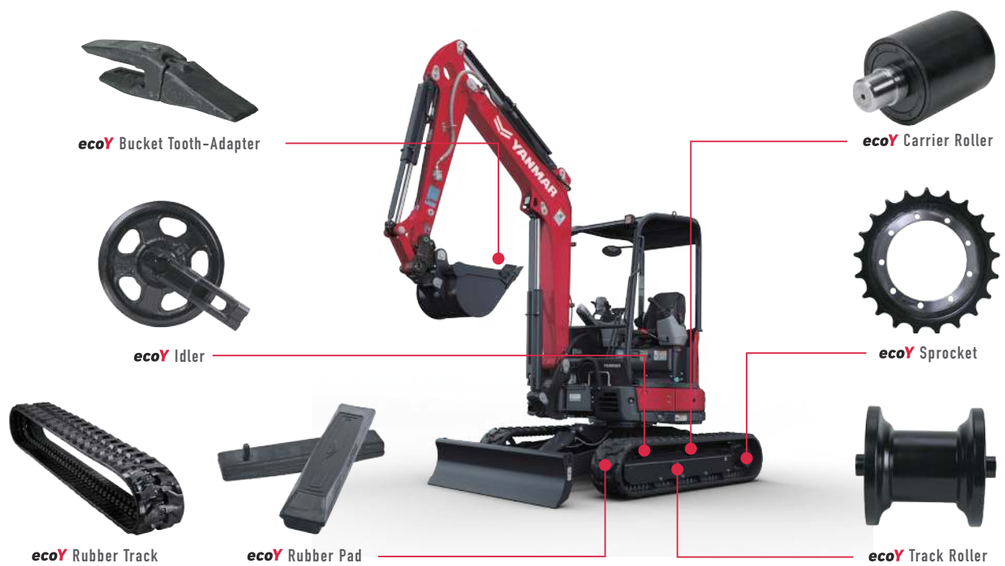


Box Housing
(Silenced)

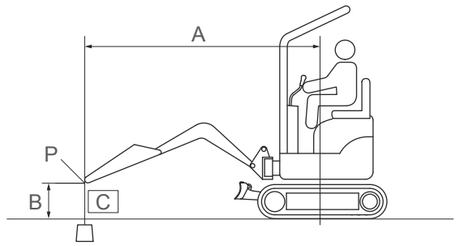
YANMAR's recommended parts

ecoY
GUARANTEED QUALITY & DURABILITY

Watch the video



Lifting Capacity



With: ROPS bar and rubber track
Without: Bucket
Track gauge: Maximum

A: Reach from swing center line (m)
B: Load point height (m)
C: Lifting load (kg)
P: Load point
: Rating over front
: Rating over side or 180 degrees

Loads shown in table include weight of standard bucket (21kg).

Blade on ground

Unit: (kg)

A (m)	Max.		2.5		2.0		1.5	
B (m)								
2.0	*270	170	–	–	*250	190	–	–
1.5	*260	130	–	–	*240	170	–	–
1.0	*240	110	*270	130	*300	180	–	–
0.5	*230	100	*270	120	*370	170	*560	250
0	*210	110	*260	120	*380	160	*580	230
-0.5	*200	120	–	–	*330	150	*490	220
-1.0	*190	140	–	–	*220	160	*360	220

Note:
The lifting load with the asterisk (*) mark is limited by hydraulic lifting capacity rather than tipping. The lifting capacity shown in the above list is based on the ISO Standard No. 10567 and represents either 87% of hydraulic lifting capacity or 75% of tipping load, which is smaller.

Blade above ground

Unit: (kg)

A (m)	Max.		2.5		2.0		1.5	
B (m)								
2.0	200	170	–	–	*250	190	–	–
1.5	150	130	–	–	*230	170	–	–
1.0	130	110	150	130	220	180	–	–
0.5	130	100	150	120	210	170	320	250
0	130	110	150	120	200	160	290	230
-0.5	150	120	–	–	200	150	290	220
-1.0	140	140	–	–	160	160	270	220

Note:
The lifting load with the asterisk (*) mark is limited by hydraulic lifting capacity rather than tipping. The lifting capacity shown in the above list is based on the ISO Standard No. 10567 and represents either 87% of hydraulic lifting capacity or 75% of tipping load, which is smaller.