



**YANMAR**

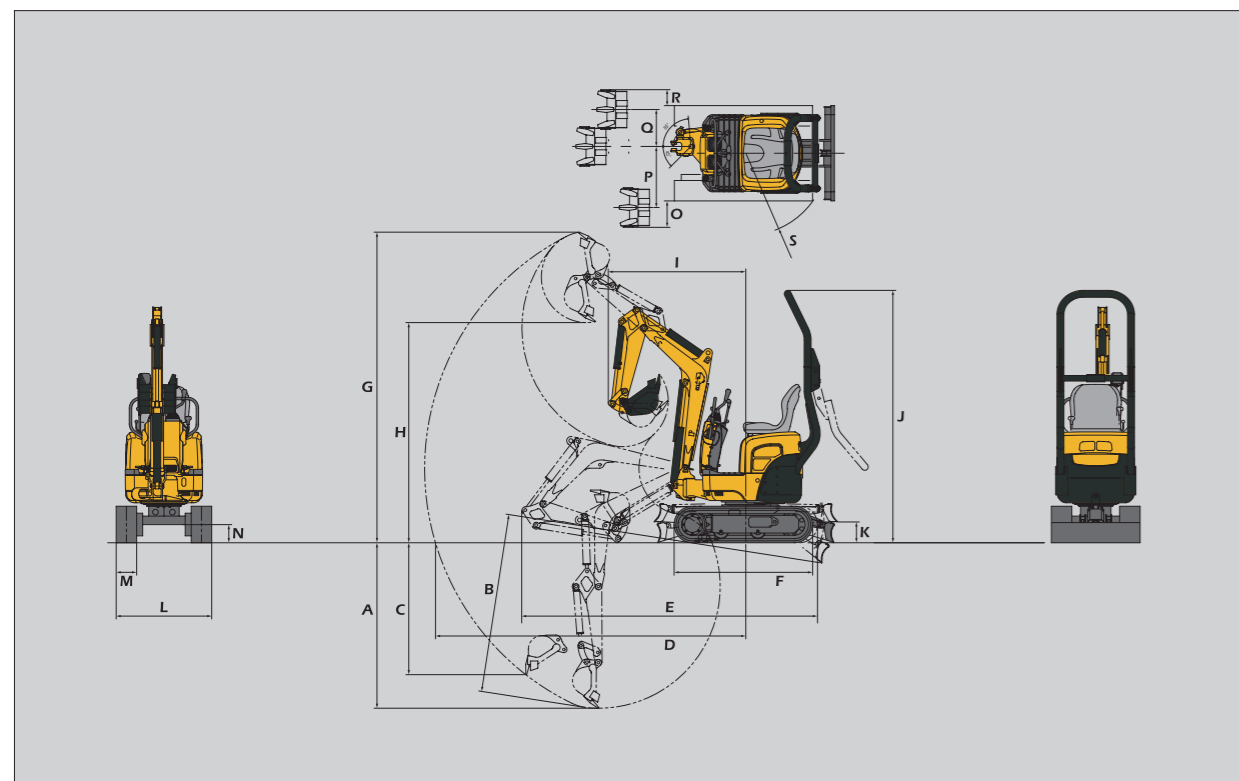
ULTRA-MINI EXCAVATOR

ULTRA-MINI EXCAVATOR

**SV08-1A**

# SV08-1A

[Gross] 7.7kW (10.3hp)



**Dimensions**

	A	B	C	D	E	F	G	H	I	J
mm	1500	1620	1160	2730	2600	1220	2750	1950	1180	2200
ft-in	4'11"	5'4"	4'2"	8'11"	8'6"	4'	9'	6'5"	3'10"	7'3"

	K	L	M	N	O	P	Q	R	S
mm	180-280	680-840	180	130	230-310	540	330	140-220	725
ft-in	7'-11"	2'3"-2'9"	7"	5"	9'-1'	1'9"	1'1"	6"-9"	2'5"

**Specifications**

Model		SV08-1A	
<b>Operating weight</b>	Rubber track	kg (lbs)	1065 (2348)
<b>Engine</b>	Type	Water cooled 2-cylinder diesel	
	Model	2TE 67L-BV3	
	Output	kW (hp) / RPM	7.7 (10.3) / 2400
<b>Performance</b>	Bucket capacity, standard (ISO heaped)	cu.m (cu.ft)	0.022 (0.777)
	Max. digging force, bucket/arm	kN (lbs)	10.5 (2360) / 6.2 (1390)
	Traveling speed	km / h (MPH)	1.8 (1.1)
	Swing speed	RPM	8.4
	Boom swing angle (L/R)	degrees	45° / 90°
<b>Ground contact pressure</b>	Rubber track	PSI (kPa)	28.8 (4.17)
<b>Hydraulic system</b>	Pump capacity	L / min (GPM)	9.8 + 9.8 (2.6 + 2.6)
	Main relief set pressure	Mpa (PSI)	18.1 (2625)
<b>Blade dimensions</b>	Width × height	mm (ft-in)	680 / 840 × 180 (2'3" / 2'9" × 7")
<b>Fuel tank capacity</b>		L (Gals)	10 (2.6)

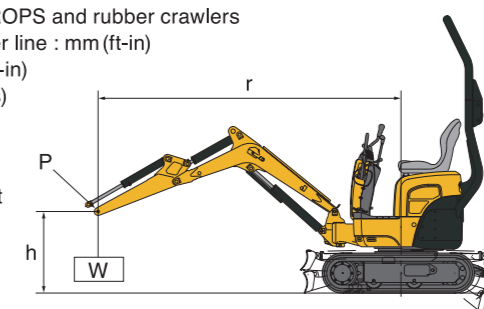
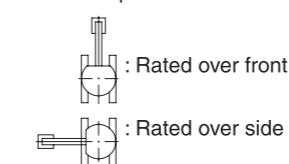
**Hydraulic P.T.O.**

Model		SV08-1A	
<b>Specification</b>	<b>Output</b>	MPa (PSI)	L / min (GPM)
			2400RPM
<b>Combined flow, double actions</b>		18.1 (2625)	19.6 (5.2)



**Lifting capacity**

Excavator equipped with ROPS and rubber crawlers  
 r : Reach from swing center line : mm (ft-in)  
 h : Lift point height : mm (ft-in)  
 w : Lifting capacity : kg (lbs)  
 P : Load point



- The rated lifting capacities that are indicated below are based on ISO 10567 and do not exceed 87% of the excavator's hydraulic lifting capacity or 75% of its static tilt load (tipping load) capacity.
- The following operating criteria are also applicable to the calculation of these maximum loads:
  - The "load point" is the location of the front bolt on the arm.
  - The three indicated machine positions are :
    - arm over the front end (blade down),
    - arm over the front end (blade up), and
    - arm over the side (blade up).
  - The operating cylinder is the boom cylinder.
- The weight of the excavator's bucket, hook, sling and other lifting accessories have been taken into consideration when calculating these maximum loads.

**SV08-1A**

LIFT POINT HEIGHT h : mm (in)	r : REACH mm (in)											
	RATED LIFT CAPACITY OVER END BLADE DOWN : kg (lbs)				RATED LIFT CAPACITY OVER END BLADE UP : kg (lbs)				RATED LIFT CAPACITY OVER SIDE BLADE UP : kg (lbs)			
	MAX	2000 (6'7")	1500 (4'11")	MIN	MAX	2000 (6'7")	1500 (4'11")	MIN	MAX	2000 (6'7")	1500 (4'11")	MIN
2000 (6'7")	* 220 (485)				190 (419)				160 (353)			
1500 (4'11")	* 220 (485)	* 220 (485)	* 270 (595)		150 (331)	170 (375)	* 240 (529)		120 (265)	150 (331)	200 (441)	
1000 (3'3")	* 230 (507)	* 260 (573)	* 350 (772)	* 490 (1080)	130 (287)	170 (375)	280 (617)	380 (838)	110 (243)	140 (309)	230 (507)	300 (662)
500 (1'8")	* 240 (529)	* 662 (300)	* 470 (1036)	* 590 (1301)	130 (287)	170 (375)	260 (573)	320 (706)	100 (221)	130 (287)	210 (463)	260 (573)
0 (Ground)	* 240 (529)	* 320 (706)	* 480 (1058)	* 630 (1389)	140 (309)	170 (375)	260 (573)	340 (750)	110 (243)	130 (287)	210 (463)	270 (595)
-500 (-1'8")	* 260 (573)	* 280 (617)	* 430 (948)		170 (375)	353 (160)	270 (595)		130 (287)	130 (287)	210 (463)	
-1000 (-3'3")	* 230 (507)				* 230 (507)				* 210 (463)			

Note : The maximum loads marked with an asterisk (\*) were limited by the Excavator's hydraulic lifting capacity rather than by its static tilt load (tipping load) capacity.

**Standard equipment**

- Blade
- Boom swing function
- Rubber tracks
- Variable track
- Auxiliary valve and piping (boom end)
- Double acting PTO
- Cylinder cover (boom, blade)
- Foldable ROPS
- Standard seat
- Seat belt
- Floor mats
- Operation manual

Please note that the standard equipment may vary from this list. Consult your Yanmar dealer for confirmation

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All data subject to change without notice.

## A Whole New Class of Slim and Compact Convenience

Here's the new shape for simple and efficient work in confined spaces. The SV08-1A is a tenacious worker for narrow-spots such as housing foundations, indoor renovation, pipe laying and landscaping.

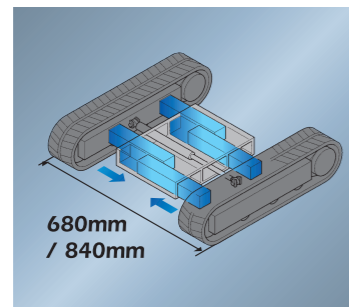
### Ultra-small 2ft-5in(725mm) rear turning radius

The supremely compact body keeps rear overhang to just 1ft(305mm) during turning at maximum width, bringing even better turning performance in narrow passages.



### Contracted to enter narrow places and extended to ensure stable work.

Yanmar's Ultra-Mini Excavator allows ease of access to narrow places and ensures stable workability. Besides, the Ultra-Mini Excavator is of sturdy construction that prevents itself from wobbling when the undercarriages are widely opened. Moreover, when the distance between the undercarriages is extended, the Ultra-Mini Excavator forcibly discharges the mud in the sliding pipes, thus performing highly efficient work in any place regardless of the size of the place.



### Simple folding extendable blades



## Operator Friendly - A Pleasant Way to Work

The many easy to use features include the comfortable seat with retractable seat belt, sensitive lever controls, a footrest, and uncomplicated lever arrangement.



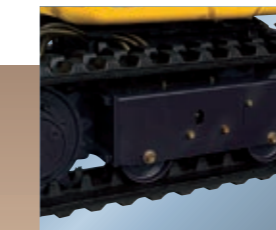
**PTO**  
PTO is piped to both right and left sides of the arm to enable the use of additional hydraulic attachments.



**Engine key**  
Key start/stop system



**Retractable pedals**  
PTO pedal and swing control pedal.



**Track roller**  
Track rollers have an external flange which reduces the vibration during traveling.

### Control pattern

(Option)  
Two-way pattern control lever is standard equipment. (ISO Excavator ↔ Optional Backhoe controls)

## Durable and Environmentally Friendly

Foldable ROPS with retractable seatbelt.



Hydraulic hoses are housed under the cylinders for protection from accidental damage.



Boom cylinder and hydraulic hoses are covered for protection from accidental damage.



The blade hydraulic cylinder is covered by a protective shield.



Large opening engine hood and removable side frame cover provide easy accessibility for maintenance.

## Easy on Environment

The advanced C&S (Clean & Silent) diesel engine features clean exhaust, powerful output, and low noise. (Satisfies EPA Tier III requirements.)