

SV08-1C



Type	Conventional Tail
Operating Weight	1035 kg
Width	680 - 840 mm
Digging Depth	1460 mm

For a highly compact excavator, the SV08-1C is packed with all kinds of features designed to make your life easier. To start with, it really is exceptionally compact, meaning it can be used almost anywhere, inside or out, and is easy to transport.

Yet it's also flexible and highly stable, capable of smooth operation even under the most demanding circumstances. A high performance engine, advanced hydraulic system and fast, easy maintenance ensure optimal productivity, while an array of safety features delivers real peace of mind.



CIVIL ENGINEERING



AGRICULTURE



CONSTRUCTION



LANDSCAPING

Specifications		SV08-1C
Weight	Transport weight	960 kg
	Operating Weight	1035 kg
Engine	Type	2TE67L-BV3
	Fuel	Diesel
	Net Power	7,5 kW / 10,1 HP / 2 400 rpm
	Gross Power	7,7 kW / 2 400 rpm
	Displacement	0.507 l
	Max Torque	31,5 N.m. / 2 000 rpm
	Starter	12 V – 1,2 kW
	Battery	12 V – 30 Ah
	Alternator	12 V – 14 A
Hydraulic System	Maximum Pressure	185 bars
	Working Pump	1 double gear pump
	Max Flow	2 x 9,8 l/min
	Hydraulic Tank	5,7 l
Performance	Travel speed	1,8 – 3,7 km/h
	Rotation Speed	8,4 rpm
	Digging Force (arm)	5.88 kN
	Digging Force (bucket)	9.95 kN
	Traction Force	n/a
	Noise level (2000/14/CE & 2005/88/CE)	91 dBA
	Fuel Tank	9,7 l



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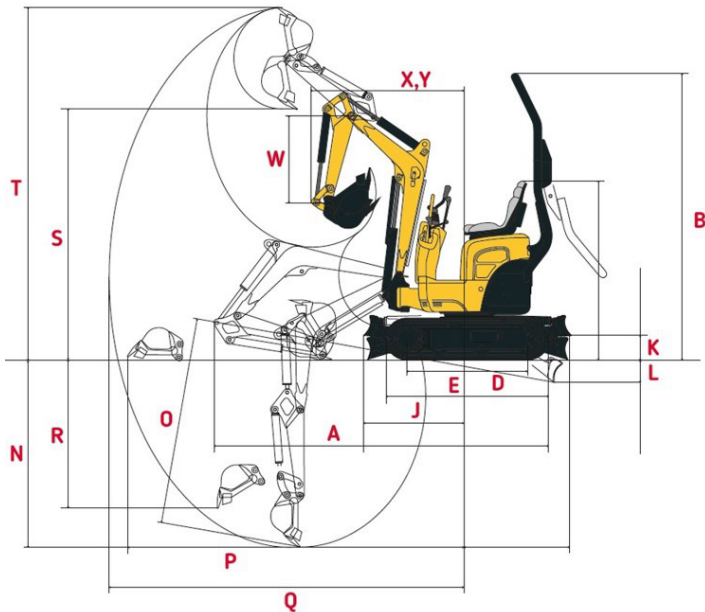


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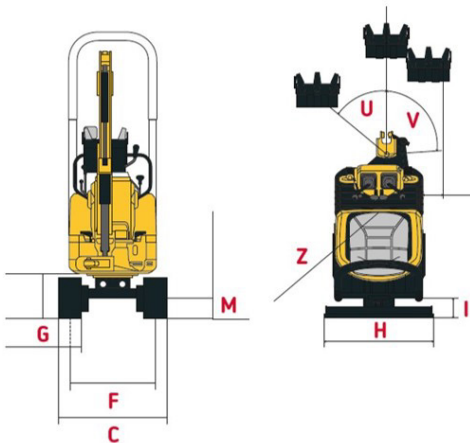


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Dimensions



Dimensions		SV08-1C
A	Overall length	2600 mm
B	Overall height	2200 mm
C	Overall width	680 / 840 * mm
D	Length of track on ground	900 mm
E	Undercarriage length	1220 mm
F	Lane	500 - 660 * mm
G	Track width	180 mm
H	Overall blade width	680 - 840 * mm
I	Overall blade height	165 mm
J	Blade distance	820 mm
K	Max. blade height above the ground	160 mm
L	Max. lowering blade depth	210 mm
M	Minimum ground clearance	130 mm



Dimensions		SV08-1C
N	Max. digging depth - Blade lifted	1460 mm
O	Max. digging depth - Blade lowered	1570 mm
P	Max. digging reach on ground	2730 mm
Q	Max. digging reach	2830 mm
R	Max vertical wall	1160 mm
S	Max. dumping height	1940 mm
T	Max. cutting height	2730 mm
U	Boom swinging base to left	45°
V	Boom swinging base to right	85°
W	Arm length	670 mm
X	Minimum front swing radius	1210 mm
Y	Minimum front swing radius with boom swing	985 mm
Z	Rear swing radius	725 mm



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Features



EXTENDABLE UNDERCARRIAGE

The extended undercarriage ensures smooth movement, even on rough terrain, along with excellent stability at all times, particularly frontal steadiness. For extra manoeuvrability, the undercarriage retracts from 840 mm to 680 mm. A special feature is the reduced clearance between sliding parts of the undercarriage extension mechanism, which ensures that soil or debris won't accumulate underneath. The extendable blade ensures easy and quick operation while safeguarding all moving parts.



COMPACTNESS

The SV08-1C is ideal for operation in confined environments and is particularly suited for indoor tasks such as renovation or demolition, because it can easily access narrow areas and drive through almost any doorway. With the undercarriage completely extended, the machine overhang is only 305 mm. The minimum front swing radius, with boom swing, is 985 mm, while the rear swing radius is just 725 mm. The overall machine width, with retracted undercarriage, has been reduced to 680 mm. Finally, for easy transport, the ROPS protection structure can be folded back.



STABILITY

The upper frame has been manufactured from a single casting to provide improved stability and greater durability, however demanding the work environment. The balanced weight distribution provides even more stability, even with heavy loads or attachments, which makes the SV08-1C ideal for demolition tasks. Variable flow axial pumps regulate the pressure flow according to the load, thereby ensuring smoother operation. This and the external flange to reduce vibrations when moving deliver greater comfort for the operator.



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Features



HIGH PERFORMANCE

Driving the SV08-1C is a Yanmar diesel engine that has excellent exhaust emission performance. The hydraulic system is powered by a double gear pump that enhances the machine's productivity and speed in working motion, delivering great precision in the hydraulic manipulator. For further accuracy, there are three separate pedals for the 3rd hydraulic circuit (PTO) and boom swing. The optimal combination of excavation power, arm length and long operating cycles guarantees exceptional productivity at all times.



EASY MAINTENANCE

For easier maintenance, the large bonnet provides quick access to the engine and main components. Simply remove the steel protection on the left side to access the filter. Double lateral roller supports ensure that there will be less wear to the crawlers, while a large counterweight perfectly protects the rear part of the machine. In every case, components are designed for fast access and easy maintenance. This optimises reliability, durability and performance, even in demanding environments, resulting in lower total cost of ownership (TCO).



ADVANCED SAFETY

Extremely durable direct controls are an important plus of the SV08-1C, while a lever locks the four main functions of the machine and ensures that the operating seat can be accessed and left safely. The control system features a safety alarm and there's a safety bar in front of the main control console. The rear blind spot has been reduced to a minimum to help protect anyone nearby. In addition, the machine is fitted with a ROPS protective frame as standard.



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