QUICK SPECS

Weight	21,550 lbs
Horsepower	72 hp
Digging Depth	14'10"

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SV100-2A

POWERFUL, EFFICIENT ELECTRONICALLY CONTROLLED 72-HP TIER 4 FINAL DIESEL ENGINE

ULTRA-TIGHT TURNING FOR CONFINED SPACES

VIPPS (VIO PROGRESSIVE 3-PUMP HYDRAULIC SYSTEM)

JOYSTICK PILOT CONTROLS WITH CONTROL PATTERN CHANGE STANDARD

SPRING STEEL CYLINDER ROD GUARDS AND HOSE PROTECTION ON BOOM AND BLADE CYLINDERS

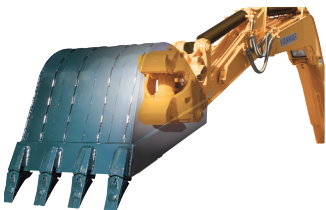INTEGRATED BOOM LIGHT PROTECTED FROM DAMAGE

ANGLED CRAWLER FRAME REDUCES FOREIGN MATTER BUILD-UP

TRAVELING ALARM SIGNALS WHEN MACHINE IS MOVED

ECO & AUTO-DECELERATION MODES STANDARD

AUTOMATIC SHIFTING 2-SPEED TRAVEL

Raw power in a surprisingly nimble package.

Don't underestimate the SV100-2A. Sure the new 72-hp Tier 4 Final diesel engine provides the raw power, digging force and lifting capacity you need for tough jobs. But the SV100-2A is also built to navigate those tight, confined jobsites from which bigger excavators have to meekly back down. In fact, the ultra-tight turning radius in both the front and rear is so small that the boom bracket stays entirely within the tracks. You get the versatility to take on any job, while leaving the limitations for those other excavators.

INNOVATIVE FEATURES

Hydraulic Quick Coupler Comes Standard

The standard hydraulic Quick Coupler makes changing buckets fast and easy. With the exception of fitting and removing the safety lock pin, the entire operation is performed electronically while you're seated in the comfort of the cab. Less hassle. Less downtime. More productivity.
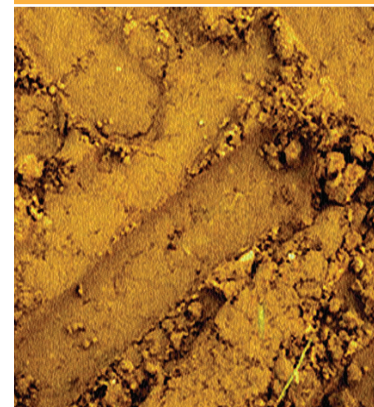
Everything Right At Your Fingertips

The SV100-2A comes standard with ECO Mode, Auto-Decel Mode and backfill blade lever-controlled, 2-speed operation incorporated right into the operator's station. Plus you get an innovative LCD monitor, showing key operating information and maintenance notification intervals.
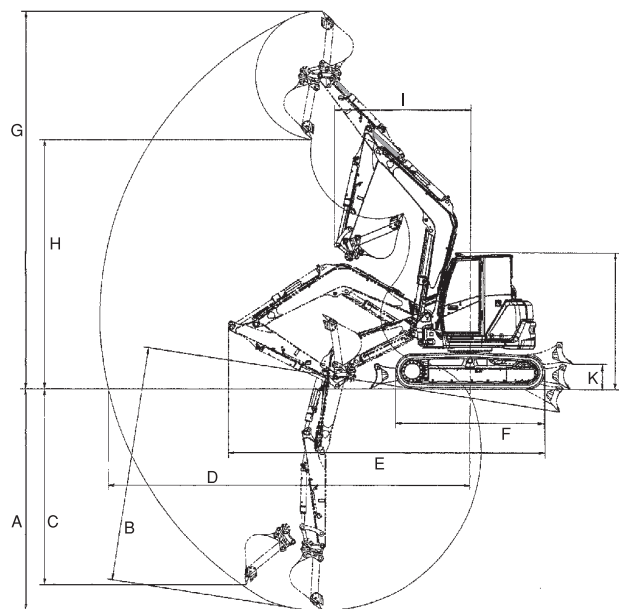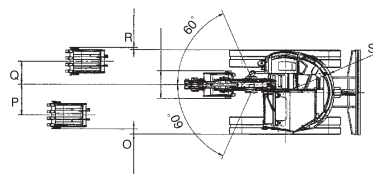
A Cab Almost As Comfortable As Your Living Room

The spacious SV100-2A cab is designed for more elbow and leg room. The powerful standard equipment heating and air conditioning system means you can work comfortably year round. And the innovative ROPS/FOPS/OPG systems mean you never have to sacrifice comfort for safety.
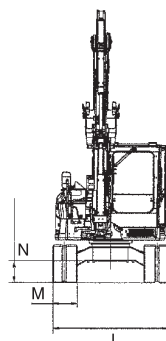
SV100-2A

Dimensions - SV100-2A

- **A** 14 ft. 10 in. (4530 mm)
- **B** 15 ft. 9 in. (4810 mm)
- **C** 13 ft. 2 in. (4010 mm)
- **D** 24 ft. 3 in. (7400 mm)
- **E** 21 ft. 4 in. (6490 mm)
- **F** 10 ft. 1 in. (3070 mm)
- **G** 25 ft. 4 in. (7730 mm)
- **H** 16 ft. 10 in. (5120 mm)
- **I** 9 ft. 2 in. (2790 mm)
- **J** 9 ft. 3 in. (2810 mm)
- **K** 1 ft. 8 in. (520 mm)
- **L** 7 ft. 7 in. (2320 mm)
- **M** 1 ft. 7 in. (485 mm)
- **N** 1 ft. 6 in. (450 mm)
- **O** 5 in. (120 mm)
- **P** 2 ft. 9 in. (835 mm)
- **Q** 2 ft. 1 in. (635 mm)
- **R** 3 in. (80 mm)
- **S** 4 ft. 4 in. (1330 mm)

Specifications

Model			SV100-2A	
Type			Cab. Rubber Track	Cab. Steel Track
Operating Weight		lbs (kg)	21,550 (9775)	21,660 (9825)
Engine	Type	-	Water-cooled 4-cycle diesel	
	Model	-	4TNV98CT-VBV	
	Output	HP (kW)/rpm	72 (53.7) / 2100	
Performance	Max Digging Force, Bucket/Arm	lbs (kN)	without Quick Coupler 17,087 (76.0) / 9658 (43.0)	
			with Quick Coupler 12,216 (54.3) / 9500 (42.3)	
	Traveling Speed, High / Low	MPH (km / h)	2.7 (4.4) / 1.6 (2.5)	2.5 (4.0) / 1.4 (2.2)
	Swing Speed	RPM	9.1	
	Boom Swing Angle, (L / R)	degrees	60° / 60°	
	Gradability	degrees	30°	
Ground Contact Pressure		PSI (kPa)	5.5 (37.9)	5.6 (38.8)
Hydraulic System	Pump Capacity	GPM (L / min)	20.5 + 20.5 + 15.2 + 5.3 (77.7 + 77.7 + 57.5 + 20)	
	Main Relief Set Pressure	PSI (MPa)	3988 + 3988 + 3481 + 421 (27.5 + 27.5 + 24.0 + 2.9)	
Blade Dimensions	Width x Height	ft-in (mm)	7'7" (2320)	
	Stroke, Raise / Lower from G.L.	ft-in (mm)	1'8" (520) / 1'6" (460)	
Fuel tank capacity		Gals (L)	30.3 (115)	

Hydraulic PTO

Model		SV100-2		
	Output	PSI (kPa)	GPM (L / min)	
Specification			2400RPM	1050RPM
Combined Flow, Double Actions		3555 (24518)	35.9 (136)	18.0 (68)

Standard Equipment

- Hydraulic Quick Coupler
- Blade
- Boom Swing Function
- Rubber Swing Function
- Rubber Track / Steel Track
- Auxiliary Valve and Plumbing
- Radio Antenna and Connection Harness
- Back Mirror / Side Mirror
- 2-way Control Pattern Change
- ROPS / OPG Cabin
- Windshield Washer
- Air Conditioner
- Defroster
- Joystick Pilot Controls
- Arm Rests (Adjustable)
- Suspension and Reclining Seat
- Seat Belt
- PTO Switch
- Travel Automatic Duel Speed Switch
- Auto Deceleration Switch
- Eco Mode Switch
- Traveling Alarm
- Floor Mats
- Evacuation Hammer

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

Lifting Capacity

LIFT POINT HEIGHT h:in (mm)		r:REACH in (mm)											
		RATED LIFT CAPACITY OVER END BLADE DOWN lbs (kg)				RATED LIFT CAPACITY OVER END BLADE UP lbs (kg)				RATED LIFT CAPACITY OVER SIDE BLADE DOWN lbs (kg)			
		MAX	16'5" (5000)	13'1" (4000)	9'10" (3000)	MAX	16'5" (5000)	13'1" (4000)	9'10" (3000)	MAX	16'5" (5000)	13'1" (4000)	9'10" (3000)
196.9	(5000)	*3925 (1780)				*3925 (1780)				*3153 (1430)			
157.5	(4000)	*3947 (1790)	*3771 (1710)	*3837 (1740)		*3087 (1400)	*3771 (1710)	*3837 (1740)		2558 (1160)	*3771 (1710)	*3925 (1780)	
118.1	(3000)	*3925 (1780)	*3925 (1780)	*4520 (2050)		2646 (1200)	3925 (1780)	*4520 (2050)		2183 (990)	3153 (1430)	*4520 (2050)	
78.7	(2000)	*3947 (1790)	*4586 (2080)	*5468 (2480)		2492 (1130)	3616 (1640)	*5468 (2480)		2029 (920)	2911 (1320)	4256 (1930)	
39.4	(1000)	*4145 (1880)	*5005 (2270)	*6813 (3090)	*9989 (4530)	2602 (1180)	3462 (1570)	5005 (2270)	7387 (3350)	1985 (900)	2822 (1280)	4079 (1850)	5821 (2640)
Ground	(0)	*4079 (1850)	*5490 (2490)	*7078 (3210)	*10033 (4550)	2690 (1220)	3418 (1550)	4741 (2150)	7254 (3290)	2183 (990)	2756 (1250)	3881 (1760)	5799 (2630)
-39.4	(-1000)	*4145 (1880)	*5226 (2370)	*6858 (3110)	*9415 (4270)	2889 (1310)	3352 (1520)	4653 (2110)	7321 (3320)	2293 (1040)	2734 (1240)	3726 (1690)	5733 (2600)
-78.7	(-2000)	*4057 (1840)		*5865 (2660)	*8203 (3720)	*3418 (1550)		4719 (2140)	7078 (3210)	2911 (1320)		3793 (1720)	5887 (2670)

* Rated Hydraulic lift capacity

YANMAR