



Seasons change. Its performance never does.

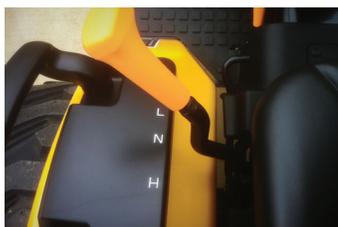
Whether you're moving dirt, mowing fields, plowing or blowing snow, you'll be hard-pressed to find a more powerful, versatile, all-season tractor than the Sx3100. You can easily change a wide variety of attachments in just minutes, so you'll spend less time getting aggravated, and more time getting things done. It's just another example of features you can look for in other tractors, but never find.

INNOVATIVE FEATURES



31.2-HP* DIRECT-INJECTION DIESEL ENGINE

More powerful and complete combustion offers a higher reserve torque, cleaner emissions and lower fuel consumption, so you'll always have consistent power and performance. You'll use less fuel, spend less money and decrease your environmental impact. Not bad for a hard day's work.



2-RANGE HYDROSTATIC TRANSMISSION

Power is efficiently transferred through the perfectly matched transmission and engine of the Sx3100. You'll have an infinite number of ground speeds without gears, a clutch or shifting. All you have to do is press a pedal and go.



DRIVE-OVER SELECT CUT SYSTEM™ DECK

A 60" heavy-duty fabricated mid-mount mower deck, adjustable leading edge, commercial drive system and innovative drive-over installation make installation easy and fast, season after season.

Sx3100

COMPACT TRACTOR

FEATURES

PERFORMANCE LINK TECHNOLOGY™

5-YEAR LIMITED POWERTRAIN WARRANTY†

SELECTABLE 4WD WITH DIFFERENTIAL LOCK

HYDRAULIC POWER STEERING

CRUISE CONTROL

ELECTRO-HYDRAULIC PTO

INDIVIDUAL STEERING BRAKES

HIGH-BACK SEAT WITH ARMRESTS

ONE-PIECE HOOD FOR EASE OF MAINTENANCE

3-POINT HITCH POSITION CONTROL

CURVED BOOM LOADER AND BACKHOE AVAILABLE

QUICKATTACH™ LOADER SYSTEM

AUXILIARY WORK LIGHTS

MOWER-COMPATIBLE BACKHOE SUBFRAME

*As rated by engine manufacturer
†See Yanmar Independent Dealer for warranty information

Sx3100 Tractor Specifications

POWERTRAIN

Gross HP	31.2 HP (22.4 kW)* diesel
Net HP	30 (22 kW) at 2,500 RPM
PTO HP	23.5 (17.5 kW) at 2,500 RPM
Rated RPM	2,500 RPM
Bore and stroke (mm)	88 x 90 mm
Total displacement	100.2 cu. in. (1.6 l)
Ignition type	Direct injection
Air cleaner	Dual dry
Lubrication	Full pressure
Cooling system	Liquid cooled
Number of cylinders	3

CAPACITIES

Fuel tank	7.1 gal. (26.9 l)
Cooling system	2.1 qt. (2 l)
Engine oil	3.6 qt. (3.4 l)
Transmission case	4.6 gal. (17.4 l)

DRIVETRAIN

Transmission type	Hydrostatic
Clutch	N/A
Rear differential lock	Foot pedal operation
2WD/4WD engagement	Selectable
Final drive	Bevel gear
Brake	Wet disc
Number of ranges	2
PTO type	Independent
Rear PTO/RPM	540/2,495
Mid PTO/RPM	2,100/2,500

MAXIMUM TRAVELING SPEED

Forward/reverse high	14.8 mph (23.8 km/h)
Forward/reverse low	5.1 mph (8.2 km/h)

HYDRAULICS

Type	Open center
Pump	Trochoid (HST & st. & PTO) + Gear (imple.)
Maximum pump capacity	10.1 GPM (38 l/min) at 2,500 RPM
Pump capacity (main)	4.8 GPM (18 l/min) at 2,500 RPM
Pump capacity (steering)	5.3 GPM (20 l/min) at 2,500 RPM
3-point hitch	Category 1
Hydraulic control system	Position control
3-point lift capacity at 24" behind	1,209 lbs. (548.4 kg)
Loader control valve	Standard
Power steering	Fully hydraulic

DIMENSIONS

Wheelbase	65.2" (165.6 cm)
Width	51.6" (131 cm) (R4)
Overall length w/o 3-pt hitch	109" (276.9 cm)
Ground clearance	10.6" (26.9 cm)
Weight w/ROPS	2,030 lbs. (920.8 kg)

TIRE SIZE

Front industrial	23" x 8.5" – 12" (58.4 cm x 21.6 cm – 30.5 cm)
Rear industrial	14" – 17.5" (35.6 cm – 44.4 cm)
Front agricultural	N/A
Rear agricultural	N/A
Front turf	24" x 8.5" – 14" (61 cm x 21.6 cm – 35.6 cm)
Rear turf	36" x 14" – 15" (91.4 cm x 35.6 cm – 38.1 cm)

RESIDENTIAL/COMMERCIAL WARRANTY†

Tractor	2-year or 2,000-hour limited warranty
Engine and drivetrain	5-year or 2,500-hour limited warranty

* As rated by engine manufacturer

** 3-point hitch is optional

† See your local Yanmar Independent Dealer for warranty details.

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Sx3100 Attachment Specifications

CL200 CURVED BOOM LOADER

Maximum lift height at pivot point	85" (215.9 cm)
Maximum lift height under bucket	77.3" (196.3 cm)
Dump clearance	65" (165.1 cm)
Reach at maximum height	27" (68.6 cm)
Maximum dump angle	40°
Reach w/bucket on ground	54" (137.2 cm)
Maximum rollback angle	25°
Digging depth	4.0" (10.2 cm)
Overall height in carry position	46.6" (118.4 cm)
Length of attachment (bucket bottom)	21.5" (54.6 cm)
Bucket width/weight	53"/141 lbs./61"/156 lbs. (134.6 cm/63.9 kg/154.9 cm/70.8 kg)
Bucket capacity 53"/61" (cu. ft.)	6.2/7.1" (15.7 cm/18 cm)
Lift capacity at pivot pins, maximum height	964 lbs. (437.3 kg)
Lift capacity 500 mm forward of the pivot pins, maximum height	693 lbs. (314.3 kg)
Breakout force at bucket pins	2,090 lbs. (948 kg)
Breakout force at 500 mm forward (19.7") bucket pins	1,540 lbs. (698.5 kg)
Raising time to full height w/o load	3.3 sec.
Lowering time w/o load (power down)	2.7 sec.
Attachment rollback time/dumping time	1.9 sec./1.5 sec.
Rated flow	5.0 GPM (19 l/min)
Relief valve	2,427 PSI (170.6 kgf/cm²)
Warranty†	1-year limited

CB65 CURVED BOOM BACKHOE

Maximum digging depth	82" (208.3 cm)
Digging depth (2' flat bottom)	80" (203.2 cm)
Swing arc	180°
Loading height	64" (162.6 cm)
Reach from swing pivot	110" (279.4 cm)
Transport height	71" (180.3 cm)
Bucket rotation	180°
Loading reach	40" (101.6 cm)
Transport overhang	41" (104.1 cm)
Undercut	17" (43.2 cm)
Stabilizer spread (down)	78" (198.1 cm)
Bucket cylinder digging force	2,433 lbs. (1,103.6 kg)
Dipperstick cylinder digging force	1,337 lbs. (606.4 kg)
Weight (less bucket)	970 lbs. (440 kg)
Operating pressure	2,250 PSI (158 kgf/cm²)
Ramp angle (w/industrial tires)	18°
Warranty†	1-year limited

DS60 DRIVE-OVER SELECT CUT SYSTEM™ DECK

Type	Side discharge
Mounting system	Drive-over (splined input)
Shell type	Fabricated 10 gauge
Skirts	7 gauge
Cutting width	60" (152.4 cm)
Number of blades	3
Blade length	21" (53.3 cm)
Blade width	3" (7.6 cm)
Blade thickness	3/16" (7.6/40.6 cm)
Blade overlap	1.71" (4.3 cm)
Blade type	Marbane®
Spindle housing	Cast aluminum
Reinforcement plate	7 ga. top/10 ga. bottom
Spindle shaft (diameter)	Splined 1.25" (3.2 cm)
Drive pulleys	Cast-iron splined
Spindle bearings	1.25" (3.2 cm) tapered
Anti-scalp wheels	5
Blade tip speed	18,500 ft./min. (94 m/s)
Spindle drive (mid-PTO)	Aluminum gearbox
Cutting height	1" – 5.5" (2.5 – 14 cm)
Transport height	5.5" (14 cm)
Adjustment of cutting height	Linkage adjust
Warranty†	1-year limited
Linkage arms	Self-aligning & self-latching
RESIDENTIAL/COMMERCIAL WARRANTY†	
Attachments	1-year limited warranty