



Lx HST SERIES

Lx4100 | Lx4500 |
Lx4900 Turbo
COMPACT UTILITY
TRACTOR

Somehow our engineers got most powerful and easy-to-operate into the same tractor.

The Lx HST Series represents Yanmar engineering at its finest. The Hydrostatic Transmission gives these powerful tractors a car-like ease of operation. When combined with a selection of 41-, 45- or 48.5-hp* Yanmar engines, it makes the Lx HST Series the flagship of the Yanmar family. Not only does the HST make work not feel like work, it also contributes to a category-best fuel economy. All of which makes the Lx HST series the best Yanmar tractors ever built.

INNOVATIVE FEATURES



41- OR 45-HP DIRECT INJECTION DIESEL ENGINE OR A 48.5-HP* TURBO-CHARGED VERSION.

Premium tractors need best-in-class engines. That's why the Lx HST Series is equipped with powerful, quiet Yanmar diesel engines. They're specially designed to give you lower emissions and higher reserve torque, which means you get more usable horsepower. Plus, the direct-injection design makes these engines highly efficient—so you get more out of every fill-up.



A HYDROSTATIC TRANSMISSION ALMOST AS SMOOTH AS YOUR CAR'S.

With our smooth-shifting, fully synchronized 3-range SynchroThrottle™ transmission, you get amazing efficiency. With the high range for travel speed, medium range for mowing and low range for hard-pull applications and loader work, you'll always have the power you need for the task at hand. Plus foot pedal control of engine RPM gives you smooth car-like operation.



A LIFT CAPACITY TO MOVE THE HEAVIEST LOADS WITH EASE.

The powerful lift capacity on the Lx HST Series makes it easy to tackle even the largest workloads. Its curved boom loader lifts over 2,400 pounds with ease, while the deluxe 3-point lift system handles more than 2,700 lbs. Plus, telescoping lift arms allow for the easy installation of rear attachments, making the Lx HST Series as versatile as it is powerful.

FEATURES

PERFORMANCE LINK TECHNOLOGY™

5-YEAR LIMITED POWERTRAIN WARRANTY †

FULLY HYDRAULIC POWER STEERING

CRUISE CONTROL (OPTIONAL)

MID-PTO (OPTIONAL)

TILT STEERING

TIGHT TURNING RADIUS

INDIVIDUAL TURNING BRAKES

DELUXE OPERATOR'S STATION

AUXILIARY WORKLIGHTS

ELECTRO-HYDRAULIC INDEPENDENT PTO

15" GROUND CLEARANCE

2 STORAGE AREAS

SUSPENSION SEAT

ONE-PIECE HOOD WITH HYDRAULIC DAMPER

CURVED BOOM LOADER AND BACKHOE AVAILABLE

QUICKATTACH™ LOADER SYSTEM

3RD FUNCTION LOADER VALVE (OPTIONAL)

†See specifications for warranty information.

*As rated by engine manufacturer

Lx HST Series Tractor Specifications

POWERTRAIN	Lx4100	Lx4500	Lx4900 Turbo
Gross HP	41 HP (30.6 kW)*	45 HP (33.5 kW)*	48.5 HP (36.2 kW)* Turbo
PTO HP (Hyd)	28.6 (21.3 kW) at 2,700 RPM	32.5 (24.2 kW) at 2,700 RPM	35.0 (26 kW) at 2,600 RPM
Rated RPM	2,700 RPM	2,700 RPM	2,600 RPM
Bore and stroke	88 x 90 mm	88 x 90 mm	84 x 90 mm
Total displacement	133.6 cu. in. (2.2 l)	133.6 cu. in. (2.2 l)	121.7 cu. in. (2 l)
Ignition type		Direct-injection	
Air cleaner		Dual element	
Lubrication		Full pressure	
Cooling system		Liquid cooled	
Number of cylinders		4	

CAPACITIES

Fuel tank	11.9 gal. (45 l)
Cooling system	5.7 qt. (5.4 l)
Engine oil	5.62 qt. (5.3 l)
Transmission case	8.7 gal. (32.9 l)
Front axle	2.32 gal. (8.8 l)

DRIVETRAIN

Transmission type	Hydrostatic
Rear differential lock	Foot pedal engagement
2WD/4WD engagement	Selectable
Final drive	Planetary system
Brakes	Multiple wet disc
Number of ranges	3
PTO type	Electro-hydraulic independent
Rear PTO/RPM	540 RPM

HYDRAULICS

Type	Open center
Pump	Dual gear
Pump capacity (main)	9.0 GPM (34.1 l/min)
Pump capacity (steering)	6.8 GPM (25.7 l/min)
3-point hitch	Telescopic Category 1
Control system	Position control
3-point lift capacity at 24" (61 cm) behind	2,760 lbs. (1,254 kg)
4-way loader control valve	Standard
Power steering	Fully hydraulic

DIMENSIONS

Wheelbase	74.8" (190 cm)
Width	69.5" (176 cm)
Overall length w/o 3-pt hitch	124" (315 cm)
Ground clearance	16.6" (42.2 cm)
Weight w/ROPS	3,585 lbs. (1,626.1 kg)

TIRE SIZE

Front agricultural	8" – 16" (20.3 cm – 40.6 cm)"
Rear agricultural	14.9" – 24" (37.8 cm" – 61 cm)"
Front turf	27" x 10.5" – 15" (68.6 cm" x 26.7 cm" – 38.1 cm)"
Rear turf	44" x 18" – 20" (111.8 cm x 45.7 cm – 50.8 cm)"
Front Galaxy® turf	27" x 12"LL – 15" (68.6 cm x 30.5 cm LL – 38.1 cm)"**
Rear Galaxy® turf	22.5"LL – 16.1" (57.1 cm LL – 40.9 cm)"
Front industrial	10" – 16.5" (25.4 cm – 42 cm)"
Rear industrial	17.5"LL – 24" (44.4 cm LL – 61 cm)

RESIDENTIAL/COMMERCIAL WARRANTY†

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

Lx HST Series Attachment Specifications

CL600 LOADER

Maximum lift height (to bucket pivot pin)	113" (287 cm)
Maximum lift height at bottom of bucket	105.5" (268 cm)
Reach with attachment on ground	74.3" (188.7 cm)
Overall height in carry position	55.9" (142 cm)
Dump clearance	87.7" (222.8 cm)
Dump reach at maximum lift height	29.9" (76 cm)
Maximum dump angle	45°
Bucket rollback angle	40°
Digging depth at bucket level	7.5" (19 cm)
Bucket width	72" (182.9 cm)
Lift capacity at pivot pins	2,493 lbs. (1,133 kg)
Lift capacity at 500 mm forward of the pivot pins	1,855 lbs. (843 kg)
Breakout force 500 mm forward of the pivot pins	2,963 lbs. (1,346 kg)
Breakout force at pivot pins	3,810 lbs. (1,731 kg)
Raising time to full height w/o load	4.5 sec.
Lowering time w/o load (power down)	3.5 sec.
Bucket dumping time	1.5 sec.
Bucket rollback time	2.5 sec.
Rated flow	9.0 GPM (34.1 l/min)
Relief valve	2,422 PSI (170.3 kgf/cm ²)
Bucket capacity	10.9 cu. ft. (0.17 l)
Bucket weight	319 lbs. (145 kg)
Loader weight w/o bucket	660 lbs. (300 kg)
Loader valve	Optional
Grille guard	Standard

CB85 BACKHOE

Maximum digging depth	103" (262 cm)
Digging depth (2' flat bottom)	102" (260 cm)
Swing arc	180°
Loading height (bucket at 60°)	87" (221 cm)
Reach from centerline of swing pivot	142" (360 cm)
Transport height (maximum)	91" (231 cm)
Bucket rotation	180°
Loading reach (bucket at 60°)	46" (117 cm)
Transport overhang	54" (137 cm)
Undercut	22" (56 cm)
Stabilizer spread — up position	54" (137 cm)
Stabilizer spread — down position	99" (251 cm)
Bucket cylinder digging force	3,730 lbs. (1,695 kg)
Dipperstick cylinder digging force	2,435 lbs. (1,106 kg)
Weight (less bucket)	1,350 lbs. (613 kg)
Operating Pressure	2,550 PSI (179.3 kgf/cm ²)
Ramp angle (w/ industrial tires)	18°
Street pads	Standard
Bucket options	Various 14" – 36" (35 – 40 cm)

RESIDENTIAL/COMMERCIAL WARRANTY†

Attachments	1-year limited warranty
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* As rated by engine manufacturer

** 3-point hitch is optional

† See your local Yanmar Independent Dealer for warranty details.

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