



It exceeds expectations then sets new ones.

You'd be hard-pressed to find this much power and this many premium features in a luxury car. But that hasn't stopped us from making the Lx Series the most powerful, comfortable and versatile machines on the market. Test drive one today. You'll see that Yanmar makes great tractors while other people make compromises.

INNOVATIVE FEATURES



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

Best-in-class tractors need best-in-class engines. That's why the Lx 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.



SMOOTH, SYNCHRONIZED HYDRAREVERSER™ TRANSMISSION

With the Lx Series, you get more than a smooth-shifting, fully synchronized transmission with clutchless forward and reverse. You get a HydraReverser transmission that's the backbone of Performance Link Technology™. Every part is precisely matched to work in perfect harmony — resulting in smoother control, more usable horsepower and less wear and tear.



POWERFUL LIFT CAPACITY

The powerful lift capacity on the Lx 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, the telescoping lift arms allow for the easy installation of rear attachments, making the Lx Series as versatile as it is powerful.

Lx SERIES

Lx410 | Lx450 |
Lx490 TURBO

COMPACT UTILITY
TRACTOR

FEATURES

PERFORMANCE
LINK TECHNOLOGY™

5-YEAR LIMITED
POWERTRAIN
WARRANTY †

FULLY HYDRAULIC
POWER STEERING

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 Series Tractor Specifications

| POWERTRAIN | Lx410 | Lx450 | Lx490 Turbo |
|---------------------|-----------------------------|-----------------------------|-----------------------------|
| Gross HP | 41 HP (30.6 kW)* | 45 HP (33.5 kW)* | 48.5 HP (36.2 kW)* Turbo |
| PTO HP (Hyd) | 30.4 (22.7 kW) at 2,700 RPM | 34.3 (25.6 kW) at 2,700 RPM | 36.8 (27.5 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. (2.18 l) | 133.6 cu. in. (2.18 l) | 121.7 cu. in. (1.99 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 | 8.5 gal. (32.2 l) |
| Front axle | 2.38 gal. (9 l) |

DRIVETRAIN

| | |
|------------------------|-------------------------------|
| Transmission type | Synchronized |
| Clutch | Multiple wet disc |
| Rear differential lock | Foot pedal engagement |
| 2WD/4WD engagement | Selectable |
| Final drive | Planetary system |
| Brakes | Multiple wet disc |
| Number of ranges/gears | 12 x 12 |
| 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" behind | 2,760 lbs. (1,254.9 kg) |
| 4-way loader control valve | Standard |
| Power steering | Fully hydraulic |

DIMENSIONS

| | |
|-------------------------------|-------------------------|
| Wheelbase | 74.8" (190 cm) |
| Width | 69.5" (176.5 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 – 40.6 cm)* |
| Rear agricultural | 14.9" – 24" (37.8 – 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"/12"LL – 15" (68.6 cm / 30.5 cm LL – 38.1 cm)* |
| Rear Galaxy® turf | 22.5"LL – 16.1" (57.2 cm LL – 40.9 cm)* |
| Front industrial | 10" – 16.5" (25.4 cm – 41.9 cm)* |
| Rear industrial | 17.5"LL – 24" (44.5 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 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" (75.9 cm) |
| Maximum dump angle | 45° |
| Bucket rollback angle | 40° |
| Digging depth at bucket level | 7.5" (19.1 cm) |
| Bucket width | 72" (182.9 cm) |
| Lift capacity at pivot pins | 2,493 lbs. (1,130.8 kg) |
| Lift capacity at 500 mm forward of the pivot pins | 1,855 lbs. (841.4 kg) |
| Breakout force 500 mm forward of the pivot pins | 2,963 lbs. (1,344 kg) |
| Breakout force at pivot pins | 3,810 lbs. (1,728.2 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 kg/cm²) |
| Bucket capacity | 10.9 cu. ft. (0.17 l) |
| Bucket weight | 319 lbs. (144.7 kg) |
| Loader weight w/o bucket | 660 lbs. (300 kg) |
| Loader valve | Optional |
| Grille guard | Standard |

CB85 BACKHOE

| | |
|--------------------------------------|------------------------------------|
| Maximum digging depth | 103" (261.6 cm) |
| Digging depth (2' flat bottom) | 102" (259.1 cm) |
| Swing arc | 180° |
| Loading height (bucket at 60°) | 87" (221 cm) |
| Reach from centerline of swing pivot | 142" (360.7 cm) |
| Transport height (maximum) | 91" (231.1 cm) |
| Bucket rotation | 180° |
| Loading reach (bucket at 60°) | 46" (116.8 cm) |
| Transport overhang | 54" (137.2 cm) |
| Undercut | 22" (55.9 cm) |
| Stabilizer spread — up position | 54" (137.2 cm) |
| Stabilizer spread — down position | 99" (251.5 cm) |
| Bucket cylinder digging force | 3,730 lbs. (1,691.9 kg) |
| Dipperstick cylinder digging force | 2,435 lbs. (1,104.5 kg) |
| Weight (less bucket) | 1,350 lbs. (612.3 kg) |
| Operating Pressure | 2,550 PSI (179.3 kgf/cm²) |
| Ramp angle (w/ industrial tires) | 18° |
| Street pads | Standard |
| Bucket options | Various 14" – 36" (35.6 – 91.4 cm) |

RESIDENTIAL/COMMERCIAL WARRANTY†

| | |
|-------------|-------------------------|
| Attachments | 1-year 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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