



## 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)	9.0 GPM (34.1 l/min)	8.7 GPM (32.9 l/min)
Pump capacity (steering)	6.8 GPM (25.7 l/min)	6.8 GPM (25.7 l/min)	6.5 GPM (24.6 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)	3,585 lbs. (1,626.1 kg)	3,618 lbs. (1,641.1 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.

