



Ex450

COMPACT UTILITY TRACTOR

FEATURES

FULL LINE OF ATTACHMENTS AVAILABLE, INCLUDING QUICKATTACH™ LOADER BUCKET

SELECTABLE 4WD WITH DIFFERENTIAL LOCK

HYDRAULIC POWER STEERING

HIGH-CAPACITY DUAL HYDRAULIC PUMPS

WET MULTI-DISC BRAKES

FOUR TIRE OPTIONS

CAST-IRON CHASSIS

LARGE OPERATOR'S STATION

HIGH-BACK SEAT

OPTIONAL SELECTABLE CONTROL VALVE WITH LOCKOUT FEATURE

5-YEAR LIMITED POWERTRAIN WARRANTY†

WHEN YOU HAVE MORE TO DO AND WANT TO ENJOY DOING IT.

Pump up the handling and easy operation of the Ex Series with a 4-cylinder, 45 HP* engine and you have the Ex450. Performance Link Technology™ gives you a perfectly matched engine, transmission, hydraulics and injectors for a tractor that can handle a wide variety of attachments and tackle almost any job.

INNOVATIVE FEATURES FOR AN INCREDIBLE EXPERIENCE IS THE **CUB CADET YANMAR ADVANTAGE.**



45 HP* DIRECT-INJECTION DIESEL ENGINE

A 4-cylinder, 45 HP* direct-injection diesel engine delivers higher reserve torque for more usable horsepower. You'll get work done faster with this high-performance engine designed to be incredibly powerful, fuel efficient and quiet.



9x9 TRANSMISSION W/SYNCHRO SHUTTLE

Easily change direction of travel with the quick-shifting Synchro Shuttle. Shift from forward to reverse in nine different speeds without stopping. You'll greatly increase loader work productivity and make your whole to-do list a whole lot easier.



POWERFUL LIFT CAPACITY

A Category 1, 3-point hitch has a lift capacity over 2,400 lbs. This allows for the use of a wide range of rear attachments to ensure the Ex450's versatility is equal to its power. When you can access the power you need to tackle big jobs, you'll get the most out of every attachment — and every minute of the day.

*as rated by engine manufacturer
†See Cub Cadet Yanmar Independent Dealer for warranty information

LOCATE A DEALER AT CUBCADETYANMAR.COM

YOUR INDEPENDENT DEALER CAN ANSWER ALL YOUR QUESTIONS ABOUT THE MANY BENEFITS OF OWNING A CUB CADET YANMAR.

cubcadetyanmar.com

Ex450 Specifications

POWERTRAIN

Gross HP	45 HP* diesel
PTO HP (Hyd)	37.5 at 2,700 RPM
Rated RPM	2,700 RPM
Bore and stroke	88 x 90 mm
Total displacement	133.6 cu. in.
Ignition type	Direct injection
Air cleaner	Dual dry
Lubrication	Full pressure
Cooling system	Liquid cooled
Number of cylinders	4

CAPACITIES

Fuel tank	11.3 gal.
Cooling system	4.7 qt.
Engine oil	5.6 qt.
Transmission case	7 gal.
Front axle	2 gal.

DRIVETRAIN

Transmission type	9F x 9R synchronized shuttle
Clutch	Dual stage dry
Rear differential lock	Foot pedal operation
2WD/4WD engagement	Selectable
Final drive	Planetary gear
Brake	Wet disc
Number of ranges	3
PTO type	Continuous live
Rear PTO/RPM	547/2,700
Mid PTO/RPM	N/A

HYDRAULICS

Type	Open center
Pump	Gear
Maximum pump capacity	12.7 GPM at 2,700 RPM
Pump capacity (main)	8.2 GPM at 2,700 RPM
Pump capacity (steering)	4.5 GPM at 2,700 RPM
3-point hitch	Category 1
Control system	Position control
3-point lift capacity at 24" behind	2,464 lbs.
Loader control valve	Optional
Power steering	Fully hydraulic

DIMENSIONS

Wheelbase	72"
Width	71.89"
Overall length w/o 3-pt hitch	126.4"
Ground clearance	13.7"
Weight w/ROPS	3,499 lbs.

TIRE SIZE

Front industrial	10" – 16.5"
Rear industrial	17.5" – 24"
Front agricultural	8" – 16"
Rear agricultural	14.9" – 24"
Front turf	27" x 10.5" – 15"
Rear turf	44" x 18" – 20"
Front Galaxy® turf	27" x 12" – 15"
Rear Galaxy® turf	44" x 16.1" – 22.5"

RESIDENTIAL/COMMERCIAL

WARRANTY†

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

Ex450 Attachment Specifications

CL400 LOADER

Maximum lift height (to bucket pivot pin)	104.3"
Maximum lift height at bottom of bucket	96.5"
Reach with attachment on ground	55.7"
Overall height in carry position	55.9"
Length of attachment	23.5"
Dump clearance	82.7"
Dump reach at maximum lift height	20.2"
Maximum dump angle	40°
Bucket rollback angle	30°
Digging depth at bucket level	5.9"
Bucket width	72"
Lift capacity at bucket pins	1,692 lbs.
Maximum lift 500 mm forward of the pivot pins	1,225 lbs.
Lift capacity to 59" at pivot pins	1,971 lbs.
Lift capacity 59" at 500 mm forward of the pivot pins	1,551 lbs.
Lift capacity (bucket center)	1,375 lbs.
Breakout force 500 mm forward of the pivot pins	2,042 lbs.
Breakout force at bucket pins	2,728 lbs.
Raising time to full height w/o load	3.3 sec.
Lowering time w/o load (power down)	2.0 sec.
Bucket dumping time	1.5 sec.
Bucket rollback time	2.0 sec.
Rated flow	8.45 GPM
Relief valve	2,427 PSI
Bucket capacity	10.9 cu. ft.
Bucket weight	255 lbs.
Loader weight w/o bucket	680 lbs.
Loader valve	Optional
Grille guard	Standard

CB85 BACKHOE

Maximum digging depth	103"
Digging depth (2' flat bottom)	102"
Swing arc	180°
Loading height (bucket at 60°)	87"
Reach from centerline of swing pivot	142"
Transport height (maximum)	91"
Bucket rotation	180°
Loading reach (bucket at 60°)	46"
Transport overhang	54"
Undercut	22"
Stabilizer spread — up position	54"
Stabilizer spread — down position	99"
Bucket cylinder digging force	3,730 lbs.
Dipperstick cylinder digging force	2,435 lbs.
Weight (less bucket)	1,350 lbs.
Operating pressure	2,550 PSI
Ramp angle (with industrial tires)	18°
Street pads	Standard
Bucket options	Various 14" – 36"

RESIDENTIAL/COMMERCIAL

WARRANTY†

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

†See your local Cub Cadet Yanmar Independent Dealer for warranty details.

Additional attachments are available. Please ask your dealer or visit cubcadetyanmar.com for more information.

Important: Front loader is required to maximize backhoe capabilities. When using the CB85 backhoe, the stabilizers and front loader bucket must be lowered until all weight is removed from the tractor tires. For transport, it is recommended that at least 25% of the total tractor weight remains on the front axle of the tractor. Installing the Cub Cadet Yanmar Model CL400 loader will meet this weight-distribution requirement.

This brochure is for advertisement purposes only. The product depictions are not meant to be used or relied upon as a substitute for the safety and use information that is published in the respective operator's manual. Before operating the machine, read, understand and follow all instructions in the manual and on the machine. Specifications and programs are subject to change without notice. Images may not reflect dealer inventory and/or unit specifications.