

Ex450

COMPACT
UTILITY
TRACTOR



BEYOND THE EXPECTED.™



FEATURES

FULL LINE OF ATTACHMENTS AVAILABLE, INCLUDING QUICKATTACH™ LOADER BUCKET/ATTACHMENTS

HIGH-CAPACITY DUAL HYDRAULIC PUMPS

WET MULTI-DISC BRAKES

FOUR TIRE OPTIONS

CAST-IRON CHASSIS

LARGE OPERATOR STATION

HIGH-BACK SEAT

OPTIONAL SELECTABLE CONTROL VALVE WITH LOCKOUT FEATURE

2-YEAR (TRACTOR) AND 3-YEAR (ENGINE/DRIVETRAIN) LIMITED WARRANTY†

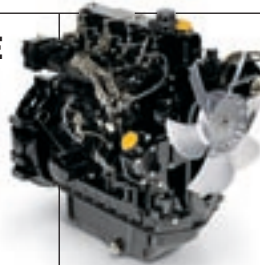
WHEN YOU HAVE MORE TO DO... AND WANT TO ENJOY DOING IT.

The Ex450 takes the handling and easy operation of the Ex Series and pumps it up with the 4-cylinder, 45 HP* kick needed to handle whatever you can throw at it. With a wide range of attachments, this gear-driven, all-around workhorse will have you looking for more chores to tackle. After all, with this kind of power and smooth handling, work just doesn't feel like work anymore.



SYNCHRO SHUTTLE

Simply depress the clutch and flip the synchronized shuttle lever, conveniently located near the steering wheel, and you can **change direction** of travel **quickly and easily**. Perfect for loader work.



45 HP* DIESEL ENGINE

Its 4-cylinder, 45 HP* direct injection diesel engine delivers **higher reserve torque for more useable horsepower**, so you can get work done faster. The engine is designed to be incredibly **powerful, fuel efficient and quiet**.

FULLY HYDRAULIC POWER STEERING

Provides **smooth, stable and comfortable control** even over rough terrain to make maneuvering a breeze. Easier steering means less operator fatigue so that your day of chores hardly feels like work at all.



POWERFUL LIFT CAPACITY

The Category 1, 3-point hitch has a lift capacity of over **2,400 lbs.** This allows for the use of a **wide range of attachments** and ensures the Ex450's versatility is equal to its power.



9x9 TRANSMISSION

The ability to choose from **9 forward and 9 reverse speeds** so you can pick the right speed for your task. The column-mounted shifter makes it **easy and comfortable** to shift and allows for **better control** of the tractor under any working conditions.

CUB CADET
YANMAR
COMPACT
UTILITY
TRACTOR

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

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CURVED BOOM LOADER WITH UNIVERSAL QUICKATTACH™ BUCKET

Curved boom design distributes weight evenly for **greater strength** and provides **great sight lines** for the operator. It offers **impressive lift capacity** and **lift height**, as well as **fast lift and bucket dump cycle times** for **better productivity**. The **easy-to-operate** single lever controls allow **simultaneous operation** of the boom and bucket. The optional universal Skid Steer-style QuickAttach™ loader bucket is a heavy-duty 72" square-back bucket with 10.6-cubic-foot capacity. With it, you can easily utilize attachments such as a bale spear, pallet forks and additional size buckets.

Loader can be ordered with either pin-on or QuickAttach™ bucket.

CURVED BOOM BACKHOE

The arched design allows you to **dig deeper** and have **better control and reach**. The QuickAttach™ system allows for **easy installation and removal**. And the dual swing cylinders allow for **precise control, smooth operation and more power** when backfilling. Plus, the wide variety of bucket sizes — 14", 18", 24" and 36" — allows you to choose the one that's right for your needs.

Optional thumb available.



TURN YOUR COMPACT UTILITY TRACTOR INTO MORE OF A WORKHORSE WITH MORE ATTACHMENTS.

Make the Ex450 compact utility tractor work even harder for you with our wide variety of durable attachments that are easy to attach and detach. All that work between the barn and your fence line will be done in no time, giving you more time to get back to your passion for the land.



LANDSCAPE RAKE

The rake has an 84" working width, making it the ideal attachment for clearing debris in grass or wooded areas or spreading gravel where you need it. The 5 forward and 5 reverse positions easily handle a variety of jobs.



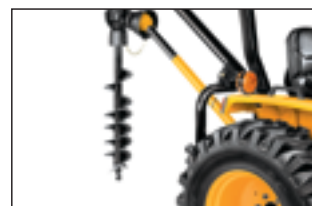
ROTARY CUTTER

72" cutting width with a cutting height adjustment of 1" to 9-1/4". Oval stump jumper helps to manage obstacles. Made of 10-gauge formed steel with cast-iron gearbox and rounded deck shell for closer trimming.



BOX SCRAPER

Comes with 2 bolt-on, reversible cutting edges, 4-position ripping shanks and a roll-formed mold-board with reinforced box design.



POST HOLE DIGGER

Takes the hard work out of post hole digging. The 9" auger and hardened replaceable cutting knives give you a fast, clean dig and easy maintenance.



REAR BLADE

With 5 forward and 5 reverse positions, you'll get precise and consistent grading. The cutting edge is hardened and reversible for even greater life expectancy. Also features 84" width and 3-point tilt adjustment.



REAR-MOUNT MOWER

Available in 72" deck size and constructed with 10-gauge steel and cast-iron spindle assembly for extra durability. Rear discharge means less cleanup, and a full floating deck that follows the contours of the terrain means a clean, even cut. Cutting height adjusts from 1" to 4".



TILLER

Designed as a 3-in-1 tiller to combine the capabilities of a center tiller, an offset tiller and a reversible rotation tiller to deliver a smooth, finished surface under any ground condition. Offset up to 22," providing visibility when tilling along driveways or structures. The 32 heavy-duty knives blend the soil to create stronger root systems. Adjusts to a maximum depth of 7-1/4" and has a working width of 74".



GRILLE GUARD

Heavy-duty construction helps protect tractor hood and headlight assembly. Foldable for easy access to the engine — even when the loader is installed.

TIRE OPTIONS

Choose from Industrial, Ag, Galaxy® or Turf tires.

All attachments come with a 1-year limited residential/commercial warranty.†



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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	Bevel gear
Brake	Wet disc
Number of ranges	3
PTO type	Continuous live
Rear PTO/RPM	540/2,700
Mid PTO/RPM	N/A

HYDRAULICS

Type	Open center
Pump	Gear
Maximum pump capacity	13.0 GPM at 2,700 RPM
Pump capacity (main)	8.5 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	127"
Ground clearance	13.4"
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 10.5" - 15"
Rear Galaxy® Turf	44" x 18" - 20"

RESIDENTIAL/COMMERCIAL WARRANTY†

Tractor	2-year or 2,000-hour limited warranty
Engine/drivetrain	3-year or 2,000-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"
Dump clearance	84.0"
Dump reach at maximum lift height	19.0"
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	2.93 sec.
Lowering time w/o load (power down)	2.04 sec.
Bucket dumping time	1.73 sec.
Bucket rollback time	2.84 sec.
Rated flow	8.5 GPM
Relief valve	2,550 PSI
Bucket capacity	10.6 cu. ft.
Bucket weight	275 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.
PSI	2,550

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.

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