

# YANMAR

## Sc2450 MULTI-PURPOSE SUB-COMPACT TRACTOR

### FEATURES

PERFORMANCE  
LINK TECHNOLOGY™

5-YEAR LIMITED  
POWERTRAIN  
WARRANTY †

SELECTABLE 4WD WITH  
DIFFERENTIAL LOCK

SHIFT-ON-THE-GO®

HYDRAULIC  
POWER STEERING

BACKHOE BOOM  
FLOAT CONTROL

POP-UP SWIVEL SEAT

SHORT-STROKE  
BACKHOE CONTROLS

CRUISE CONTROL  
ELECTRO-HYDRAULIC PTO

REVERSE-OVERRIDE  
SWITCH FOR SAFE

PTO OPERATION

ONE-PIECE HOOD FOR  
EASE OF MAINTENANCE

12-VOLT DC OUTLET  
REVERSE-MOUNTED  
ENGINE

WIDE OPERATOR'S  
STATION

3-POINT HITCH  
POSITION CONTROL \*\*

\*As rated by engine manufacturer  
\*\*3-point hitch is optional  
†See Yanmar Independent  
Dealer for warranty information



IT'S SMALL, BUT BIG. ALLOW US TO EXPLAIN.

With the Sc2450, you get a sub-compact tractor that outworks much bigger machines. Its curved boom attachments, powerful hydraulics and fuel-efficient engine help you knock out jobs faster than ever before. Take a seat. You'll see that we put more into every Yanmar tractor so you can get more out of them.

### INNOVATIVE FEATURES



#### CURVED BOOM LOADER AND BACKHOE

Designed to get the most out of your tractor, the innovative backhoe with float control will take on any challenge. Plus, the curved boom loader offers the highest lift capacity in its class with greater visibility from behind the wheel. When you can dig deeper with more precision, you can effortlessly tackle the toughest jobs.



#### 24-HP\* INDIRECT-INJECTION DIESEL ENGINE

This high-performance, 3-cylinder, liquid-cooled diesel engine burns cleaner and more efficiently. The advanced combustion chamber design allows for better fuel atomization and a longer stroke, creating better torque reserve so you'll have plenty of power whenever you need it.



#### DUAL HYDRAULIC PUMPS

Separate hydraulic pumps deliver a more efficient flow of hydraulic fluid for a smooth hydraulic response without compromising horsepower. Whether you're using the curved boom loader or accelerating through rough terrain with power steering, you'll have the power you need to handle demanding jobs with ease.

## Sc2450 Tractor Specifications

### POWERTRAIN

Gross HP	24 HP* diesel
PTO HP (Hyd)	16.5 at 3,200 RPM
Rated RPM	3,200 RPM
Number of cylinders	3
Bore and stroke	72 x 74 mm
Total displacement	55.1 cu. in.
Ignition type	Indirect injection
Lubrication	Full pressure
Oil filter	Spin-on/full flow
Cooling system	Liquid cooled
Air cleaner	4" single dry
Preheat system	Glow plug
Alternator	40 amp.
Exhaust	Right side pointing down

### CAPACITIES

Fuel tank	5.8 gal.
Cooling system	3.4 qt.
Engine oil	2.5 qt.
Transmission case	2.0 gal.

### DRIVETRAIN

Transmission type	Hydrostatic
Number of ranges	2 Shift-On-The-Go®
4WD operations	2WD & 4WD selectable
Cruise control	Selectable
Rear differential lock	Foot pedal operation
PTO type	Independent
Mid PTO/RPM (standard)	2,100/3,338
Rear PTO/RPM (standard)	540/3,111
Brake	Wet disc

### MAXIMUM TRAVELING SPEED

Forward low	6.0 mph
Forward high	9.3 mph
Reverse low	3.6 mph
Reverse high	5.6 mph

### HYDRAULICS

Type	Open center
Pump	Gear/Trochoid
Steering/SCV/backhoe/3-pt hitch	3.5 GPM at 3,200 RPM
Transmission/hydraulic PTO	3.4 GPM at 3,200 RPM
Maximum pump capacity	6.9 GPM at 3,200 RPM
3-point hitch**	Limited Category 1
3-point lift capacity at 24" behind	661 lbs.
Hydraulic control system	Position control

### DIMENSIONS

Wheelbase	55.1"
Width	44.5"
Overall length w/ loader and backhoe	172.5"
Ground clearance	7.5" (w/R4)
Weight w/ROPS & fluids	2,525 lbs.

### TIRE SIZE

Front industrial/turf	18" x 8.5" - 10"
Rear industrial/turf	26" x 12.0" - 12"

### RESIDENTIAL/COMMERCIAL WARRANTY†

Tractor	2-year or 2,000-hour limited warranty
Engine/drivetrain	5-year or 2,500-hour 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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## Sc2450 Attachment Specifications

### CL100 CURVED BOOM LOADER

Maximum lift height at pivot point	71"
Dump clearance	54"
Reach at maximum height	27"
Maximum dump angle	45°
Reach w/bucket on ground	40"
Maximum rollback angle	25°
Digging depth	4"
Overall height in carry position	37"
Length of attachment (bucket bottom)	19.25"
Maximum lift height under bucket	66"
Bucket width/weight	48"/125 lbs.
Bucket capacity	5 cu. ft.
Lift capacity 500 mm forward of the pivot pins, maximum height	550 lbs.
Lift capacity at pivot pins, maximum height	700 lbs.
Breakout force at bucket pins	1,350 lbs.
Breakout force at 500 mm forward of the pivot pins	1050 lbs.
Raising time to full height w/o load	3.5 sec.
Lowering time w/o load (power down)	2.5 sec.
Attachment rollback time	2 sec.
Attachment dumping time	1.5 sec.
Rated flow	3.5 GPM
Relief valve	1,813 PSI

### CURVED BOOM BACKHOE

Maximum digging depth	76.5"
Digging depth (2' flat bottom)	74.5"
Swing arc	150°
Loading height (bucket at 60°)	60"
Reach from swing pivot	104"
Transport height	66"
Bucket rotation	180°
Loading reach	33"
Transport overhang	37"
Undercut	17"
Stabilizer spread (down)	74"
Bucket cylinder digging force	2,036 lbs.
Dipperstick cylinder digging force	1,187 lbs.
Weight (less bucket)	620 lbs.
Operating pressure	1,857 PSI
Ramp angle (w/industrial tires)	20.5°
Street pads	Optional
Bucket options	8", 12"

### RESIDENTIAL/COMMERCIAL WARRANTY†

Attachments	1-year limited warranty
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**Buckeye Power Sales**  
Lawn & Garden Equipment Superstore