

OLIVER

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NEW OLIVER 552 FORK LIFT



INDUSTRIAL MANUAL
SECTION - FORK LIFT
PAGE 2

with lift heights of 8' $\frac{1}{2}$ ', 10' $\frac{1}{2}$ ', 12' $\frac{1}{2}$ ', 14' $\frac{1}{2}$ ' and 21'

SPECIAL ATTACHMENTS AVAILABLE

To increase the 552's usefulness you can choose from these versatile attachments:

Hydraulic scoop bucket, 63" wide with 1/2 cu. yd. capacity for fast handling of loose cement, gravel, sand, coal, etc.

Log clamp for use with regular forks has four vertical

adjustments to let you handle loads up to 300 log feet.

Concrete block forks are adjustable on the carriage to give you the correct spacing for any size blocks.

Dozer blade adjusts to five angles by easy slip-pin arrangement.

SPECIFICATIONS—OLIVER 552 FORK LIFT

Horsepower—(2000 engine rpm):

	Gasoline	Diesel
Engine, Max.	47*	45.5*
Drawbar Engine, Net	44*	42.5*

*Man. est.; corrected to Standard Sea Level (29.92" Hg. and 60°F.)

Travel Speeds—m.p.h. (with 14.9/13-24 tires):

	2000 r.p.m.
First	1.9
Second	2.5
Third	3.9
Fourth	5.2
Fifth	7.1
Sixth	14.6
Low reverse	2.0
High reverse	4.1

Engine:

Number of cylinders	4
Valve arrangement	Valve-in-head
Electrical system	12-volt

Clutch and Steering:

Clutch type	Single plate
Power steering	3-gal.-per-minute priority from hydraulic gear-driven pump
Turning radius (ft.)	12

Wheels, Tires and Treads:

Tread (in.)	52
Tires—Front	7.60 x 15—6-ply
—Rear	14.9/13-24—6-ply

Dimensions:

Over-all width (in.)	66 1/2
Over-all length—less attachments (in.)	131 1/4
Ground clearance—outer channel (in.)	11

Transmission:

Transmission type	Constant mesh, helical gear
Dual engine control	Hand throttle, foot accelerator
Speeds	6 forward, 2 reverse

Regular Equipment:

Seat	Upholstered, rigid mount
Brakes	Double-disc, self-energizing

The manufacturer reserves the right to change specifications without notice and without incurring obligation. Information contained herein is from data available at time of printing.

Lift Specifications:

Lift height	8'6"	10'6"	12'6"	14'6"	21'
Number of mast sections—	2	2	2	2	3
Tower height:					
lowered	82 1/2"	94 1/2"	106 1/2"	118 1/2"	118 1/2"
raised	134"	158"	182"	206"	287"
Free lift	0	0	0	0	0
Speed, full load (ft.)	40 per minute				
Fork lengths (in.)	30, 36, 42, 48				
Mast tilt—forward	20°				
—backward	16°				
No. of carriage rollers	8				
Carriage	Heat-treated steel				
Carriage rollers	Hardened steel with sealed roller bearings				
Carriage thrust rollers	Hardened steel with roller bearings				
Chain	Heavy-duty roller chain				
Chain anchors	1141 heat-treated steel				
Implement bar	4140 heat-treated steel				
Subframe	6" channel				

Capacity:

	Loads Center	
	24"	15"
12' and below (lb.)	4000	5000
12' to 16' (lb.)	3500	4000
16' to 21' (lb.)	2000	2000

Hydraulic System:

Cylinders:	
Lift cylinder (1)	4" bore; 3 1/2" rod
Tilt cylinders (2)	3" bore; 1 1/2" rod
Side Shifter cylinder	2" bore; 3/8" rod
Control valve	3-spool standard equipment, 4th spool optional
Pump	18 g.p.m. with flow divider
Lift circuit	15 g.p.m. at 2100 r.p.m.
Steering circuit	3 g.p.m. at all speeds
Reservoir Capacity	8 gals.
Filter (Type)	Micronic, screw-on, replaceable type

Side Shifter:

Cylinder bore (in.)	2
Cylinder stroke (in.)	6
Total shift (in.)	6 (3-in. to both sides)
Side Shifter moves entire mast	

Shipping Weight— (w/counterweight and canopy, less lift forks):

	Gasoline	Diesel
8'6" unit	7067 lb.	7167 lb.
10'6" unit	7164 lb.	7264 lb.
12'6" unit	7419 lb.	7519 lb.
14'6" unit	7516 lb.	7616 lb.
21'0" unit	8160 lb.	8260 lb.



OLIVER CORPORATION

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