



# JD480 FORKLIFT

## FEATURES

Designed for handling, lifting, stacking materials and products—loose, strapped, bundled, or palletized—in construction and manufacturing—indoors or out

Choice of 14- or 21-foot mast

Mast tilts forward and rearward, to stabilize and place load; side shift optional

Overhead guard standard

Side shift standard on 21-foot model; optional on 14-foot model

Hydrostatic steering; 4-range hydraulically actuated, reversing transmission, 8 speeds forward, 8 reverse

Gross engine flywheel horsepower . . . 63; net engine flywheel horsepower . . . 59. Choice of Diesel or gasoline engine.

Choice of attachments includes load guard, mortar hopper, swing boom, dozer blade hydraulic rotator, hydraulic bucket, pallet forks, cement-block forks

## SPECIFICATIONS

(Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with IEMC and SAE Standards.)



**Model** . . . . . JD480 Forklift

**Fork options** . . . 42- or 48-inch pallet-forks adjustable from 8- to 40-inch center-to-center spacing in 4-inch increments. Set of six, 46-inch cement-block forks.

**Maximum lifting height:**

14-foot forklift . . . . . 14 ft. 5 in.  
21-foot forklift . . . . . 21 ft. 7 in.

**Load capacity** (at full lift heights and 24 in. load center):  
14-foot forklift . . . . . 5,000 lb.  
21-foot forklift (5,000 lb. to 14-ft. height) . . . 2,500 lb.

**Tilt:** **14-ft. mast** **21-ft. mast**  
Forward . . . . . 15 deg. 7 deg.  
Rearward . . . . . 12 deg. 12 deg.

**Side shift** . . . . . 3 in. to right and left of center

**Free lift** (max. with forks in transport position and masts fully retracted) . . . . . 10-3/8 in.

**Rate of lift** (2,500 engine rpm) . . . . . 70 fpm

**Rate of drop:**  
Maximum load . . . . . 63-3/4 fpm  
Empty . . . . . 46-1/2 fpm

**Hydraulic system**  
Fluid capacity:  
14-foot forklift . . . . . 15 gal.  
21-foot forklift . . . . . 14 gal.

Filter . . . . . Dual, micron and wire mesh  
Pump capacity . . . . . 15 gpm @ 2,500 rpm

**Travel speeds** (mph) (at 2,500 engine rpm) with 14.9-28 tires, without slip:  
**Gear Forward Reverse** **Gear Forward Reverse**

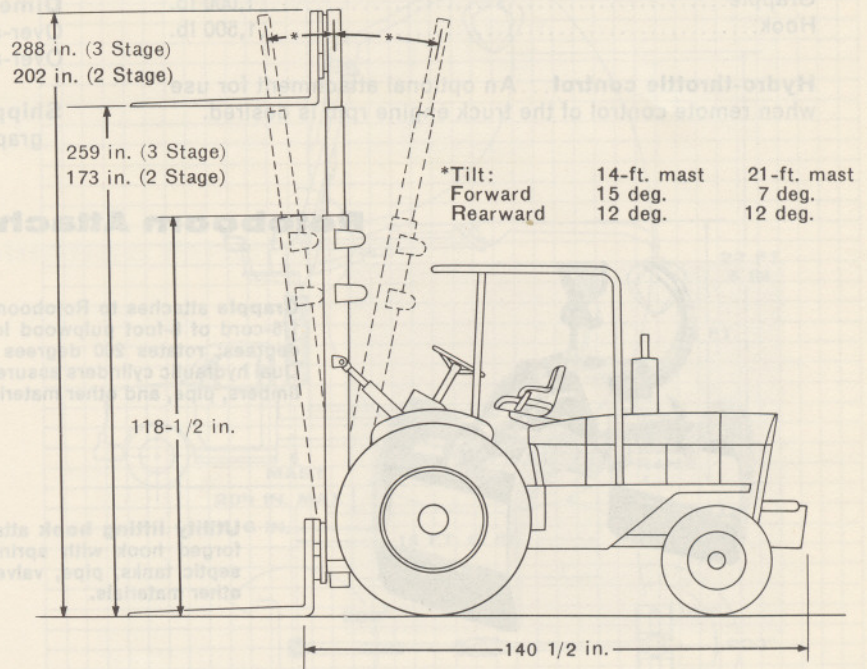
1st 1.7 1.4 5th 6.4 5.5  
2nd 2.3 2.0 6th 9.0 7.8

3rd 3.4 2.9 7th 13.4 11.6  
4th 4.3 4.1 8th 18.8 16.2

**Dimensions:**  
Over-all length (without forks) . . . . . 140-1/2 in.  
Over-all width . . . . . 79 in.

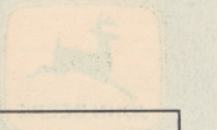
Over-all height:  
Mast retracted . . . . . 9 ft. 10-1/2 in.  
Mast raised, 14-ft. forklift . . . . . 16 ft. 10 in.  
21-ft. forklift . . . . . 24 ft.

Turn clearance circle (without forks) . . . 21 ft. 3 in. to 23 ft. 6 in. depending on brake application and direction of turn.



**Shipping weight, approx., JD480 Forklift without forks, or attachments:**

	14-foot lift	21-foot lift	42-inch pallet forks (pair)	48-inch pallet forks (pair)	46-inch cement-block forks
Diesel . . . . .	11,655 lb.	11,980 lb.	330 lb.	360 lb.	510 lb.
Gasoline . . . . .	11,370 lb.	11,698 lb.			



<p><b>Load Guard</b> Provides a backing plate for boxes of all kinds and loosely palletized items such as bricks and blocks.</p>			<p><b>Rotator and Hose Reel</b> Reel carries hydraulic hose for attachments. Rotator aids material stacking in cramped quarters.</p>
<p><b>Swing Boom</b> For handling items that can't be palletized, such as septic tanks, tile, wall-board, large sheets of lumber, structural steel.</p>			<p><b>Hydraulic Bucket</b> Many uses ideal for loading sand, gravel, mortar. Width: 59 in. Capacity: 1/2 cu. yd. Dump angle: 50°.</p>
<p><b>Dozer Blade</b> For spreading gravel or sand, maintaining yards, clearing snow. Width: 84 in. May be set to 15° or 30° angle, left or right.</p>			<p><b>Mortar Hopper</b> Mix mortar on ground, send it up to working levels hydraulically. Chute opens hydraulically from seat. Capacity: 1/2 cu. yd.</p>

**Brief Tractor Specifications**

**HORSEPOWER\*** (at 2,500 engine rpm):

Gross engine flywheel..... 63  
 Net engine flywheel (at 500-ft. altitude and 85° F. temp.). Engine equipped with fan, air cleaner, water pump, lubricating oil pump, fuel pump and alternator..... 59

**ENGINE OPTIONS**..... 4-cycle, 4-cylinder Diesel; 4-cycle, 4-cylinder gasoline.

**TRANSMISSION**... 4-range, 8-speed transmission with hydraulically actuated, no-clutch direction reverser. Clutch is provided for "inching."

\*Maximum under SAE standard condition of 500 ft. altitude and 85° F. temperature.



Model	Capacity	Weight	Height	Width	Wheelbase	Turn radius	PTO	Blade options	Blade lift speed	Power Shift
JD480	1,000 lb.	1,300 lb.	11.5 ft.	59 in.	11.5 ft.	12.5 ft.	Optional	Reversible, flat for brush; pick-up for downward material; reverse-able, suction for smooth cut	11,500 rpm	Optional
JD480	1,000 lb.	1,300 lb.	11.5 ft.	59 in.	11.5 ft.	12.5 ft.	Optional	Reversible, flat for brush; pick-up for downward material; reverse-able, suction for smooth cut	12,800 rpm	Optional
JD480	1,000 lb.	1,300 lb.	11.5 ft.	59 in.	11.5 ft.	12.5 ft.	Optional	Reversible, flat for brush; pick-up for downward material; reverse-able, suction for smooth cut	14,100 rpm	Optional
JD480	1,000 lb.	1,300 lb.	11.5 ft.	59 in.	11.5 ft.	12.5 ft.	Optional	Reversible, flat for brush; pick-up for downward material; reverse-able, suction for smooth cut	14,500 rpm	Optional
JD480	1,000 lb.	1,300 lb.	11.5 ft.	59 in.	11.5 ft.	12.5 ft.	Optional	Reversible, flat for brush; pick-up for downward material; reverse-able, suction for smooth cut	13,000 rpm	Optional