

TRIM HERE FOR GATEFOLD

	482D		482D		482D
<b>ENGINE</b>		<b>BRAKES</b>		Adjustable non-suspension vinyl seat	●
John Deere Model 4039D – 3.9 L, 60 SAE net hp (45 kW)	●	Automatic spring-applied, hydraulic-released park brake	●	Conforms to SAE J899	
Antifreeze, –34°F (–37°C)	●	Electric control console switch/ Mechanical V-groove band / Conforms to SAE J1473, ISO3450	●	Electronic monitor system and audible/visual warning	●
Fan safety guard	●	Inboard-mounted, hydraulic wet-disc service brakes	●	Low alternator voltage / Engine oil pressure / Engine coolant temperature / Transmission oil temperature / Hydraulic filter restriction / Park brake on indicator / Gauges – Air cleaner restriction indicator – Fuel – Hourmeter	
Muffler, under hood, with vertical exhaust and deflector	●	Pressure cooled and lubricated / Long life self-adjusting and self-equalizing / Individual pedal application / Conform to SAE J1473, ISO3450	●	Foot throttles (2)	●
Naturally aspirated, isolation mounted	●			Horn, electric	●
Safety element dry-type air cleaner with precleaner	●	<b>HYDRAULIC SYSTEM</b>		Conform to SAE J994, J1446	
Spin-on engine oil and fuel filters	●	Cooler oil-to-air for:		Key start switch with electric fuel shutoff	●
Engine coolant heater	■	Hydraulic system	●	Mirror	●
		Reverser/torque converter system	●	Interior rearview	
<b>ELECTRICAL</b>		Three-lever control	●	Seat belt, 2 in. (51 mm)	●
Alternator, 95 amp	●	<b>STEERING</b>		Conforms to SAE J388	
Battery (1), 160-min. reserve	●	Hydrostatic power steering with emergency manual mode	●	Vandal protection (with same key as start switch)	●
Batteries (2), 320-min. reserve	■			Engine access doors / Fuel cap / Instrument cover / Reverse filler seat	
Battery terminal and starter safety covers	●	<b>TIRES</b>		<b>OTHER</b>	
Lights	●	16.9-24, 8 PR R4	●	Fenders	●
Two front driving/work / One rear work / One rear stop and tail lamp	●	11L-16, 10 PR F3	●	Fuel tank inlet screen and drain cock	●
		19.5L-24, 10 PR R4	●	Less forks	●
<b>TRANSMISSION</b>		12-16.5, 8 PR R4 with MFWD	●	Less mast equipment	●
Reverse warning alarm	●	<b>OPERATOR'S STATION</b>		Lockable engine side shields (with same key as starter switch)	●
Conforms to SAE J994, J1446		Canopy	●	Rear reflectors	●
Transmission, four-speed helical gear, synchronized collar shift with hydraulic reverser	●	Overhead guard FOPS / Conforms to SAE J1040C	■	Seat belt, 3 in. (76 mm)	■
				Toolbox	■
<b>AXLES</b>					
Planetary final drives	●				
Front – non-powered	●				
Rear – hydraulic differential lock	●				
Front – mechanical-front-wheel drive with limited slip differential	■				

**KEY:** ● Standard equipment ■ Optional or special equipment

See your John Deere dealer for further information.

## THE JDAdvantEDGE

JDAdvantEdge is a wealth of support programs, parts systems, and dealer resources, all designed to give you the edge. This package of special benefits is a major reason why John Deere offers the “best value” for your equipment dollar.

**Best parts support** – Twelve regional parts depots in North America and others around the world put parts support near your job no matter where in the world it is.

A computerized FLASH™ parts locating system linking these depots to dealerships can find out-of-stock parts in a hurry and get them into your hands fast ... within 24 hours, across North America.

**Best service backup** – Dealer service technicians are regularly schooled, at our modern facility in Davenport, Iowa, or by professionals in the field, to diagnose quickly and repair efficiently.

If they're stumped, a phone call to DTAC (Dealer Technical Assistance Center) puts them in touch with a staff of pros at the factory who help them find a solution quickly.

**Best dealers** – Your John Deere dealer is an important contributor to the JDAdvantEdge. He or she is committed to being the best equipment supplier you can work with.

This is a dollars-and-cents commitment in parts inventory, in service facilities, in field-service trucks. It's a sweat-and-blood commitment in dedicated, skilled, and highly trained and motivated personnel in each and every department at the dealership.

But what sets John Deere dealers apart from all the rest is something more, a factor somewhat difficult to measure ... a caring attitude, and a sincere desire to be the best at meeting the needs of each individual customer.

**John Deere Finance Plans** – Whether you rent, lease, or buy John Deere equipment, your dealer can explain the John Deere options available. One-stop options that let you free up operating capital, keep other lines of credit open. More solid benefits of the JDAdvantEdge.

**Best protection** – In addition to the new equipment warranty that meets or exceeds the competition, SECURE® extended coverage, an optional service product for John Deere equipment, is available for repair coverage after the warranty concludes. Full machine or power train coverage is available for a variety of time periods to meet your needs. Consult your dealer for availability and details.



Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at standard conditions per SAE J1349 and DIN 70 020, using No. 2-D fuel at 35 API gravity. No derating is required up to 6,000 feet (1800 m) altitude. Gross power is without cooling fan.

Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with 16.9-24, 8 PR R4 rear tires; and 11L-16, 10 PR F3 front tires.



<b>ENGINE</b>	<b>482D</b>
Type.....	John Deere 4039D
Rated power .....	63 SAE gross hp (47 kW)
	60 SAE net hp (45 kW) @ 2,200 rpm
Cylinders .....	4
Displacement .....	239 cu. in. (3.917 L)
Main bearings.....	5
Maximum net torque.....	172 lb.-ft. (233 Nm) @ 1,350 rpm
Lubrication .....	pressure system with full-flow spin-on filter
Fuel consumption, typical .....	1.12 to 1.75 gal./hr. (4.25 to 6.60 L/h)
Electrical system.....	12 volt with 95-amp alternator
Batteries (one 12 volt).....	reserve capacity: 160 min., 625 CCA
Air cleaner .....	dual safety element dry type; restriction indicator for service

<b>TRANSMISSION</b>		
Type.....	John Deere-designed and built four-speed helical gear, synchronized collar shift with hydraulic reverse	
Torque converter.....	single stage, dual phase 11-in. (280 mm) with 2.78:1 stall ratio	
Travel speeds .....	<i>with 16.9-24, 8 PR R4 drive and 11L-16, 10 PR F3 steering tires</i>	
	<i>Forward</i>	<i>Reverse</i>
Gear 1 .....	3.1 mph (5.0 km/h)	3.4 mph (5.5 km/h)
Gear 2 .....	5.3 mph (8.5 km/h)	5.9 mph (9.5 km/h)
Gear 3 .....	11.3 mph (18.2 km/h)	12.6 mph (20.3 km/h)
Gear 4 .....	20.7 mph (33.3 km/h)	23.0 mph (37.0 km/h)

<b>AXLES/BRAKES</b>	
Final drives .....	heavy-duty planetary, mounted inboard, bathed in cooling oil
Differentials.....	hydraulic lock front and limited slip rear (with MFWD)
Axle oscillation.....	22 degrees, stop to stop
Brakes (conform to SAE J1473, ISO3450)	
Service brakes .....	inboard-mounted hydraulic wet disc; pressure cooled and lubricated; long life self-adjusting and self-equalizing; individual pedals for double or separate application
Parking brake .....	automatically spring applied; hydraulically released; controlled by electric switch on control console; mechanical V-groove band applies pressure on differential ring gear

<b>HYDRAULIC SYSTEM/STEERING</b>	
Pump (loader and steering).....	gear-type, open-center system
Maximum flow.....	@ 2,200 rpm
Primary .....	19.1 gpm (72 L/min.)
Steering .....	5.4 gpm (20 L/min.)
Pressure .....	2,000 psi (13 790 kPa)
With 21.5-ft. (6.55 m) 6,000-lb. (2720 kg)	
mast only .....	2,250 psi (15 500 kPa)
Control.....	three levers
Steering (conforms to SAE J1511)	
Type .....	hydrostatic power steering
Regular steering axle	
Turning radius (with brakes).....	12 ft. (3.65 m)
Turning clearance circle (with brakes) .....	24 ft. 4 in. (7.41 m)
Steering wheel turns	
Left to right.....	3.4
Right to left.....	2.8
All-wheel drive (engaged)	
Turning radius (with brakes).....	11 ft. 2 in. (3.40 m)
Turning clearance circle (with brakes) .....	22 ft. 8 in. (6.90 m)
Steering wheel turns both right and left.....	2.5

<b>TIRES</b>		
Standard .....	<i>Drive</i>	<i>Steering</i>
	16.9-24, 8 PR R4 / 19.5L-24, 10 PR R4	11L-16, 10 PR F3
With mechanical-front-wheel drive.....	19.5L-24, 10 PR R4	12-16.5, 8 PR R4
Wheel tread width		
16.9-24, 8 PR R4 tire .....	64 in. (1625 mm)	
19.5L-24, 10 PR R4 tire .....	65.5 in. (1664 mm)	
11L-16, 10 PR F3 .....		69 in. (1753 mm)
12-16.5, 8 PR R4 .....		68 in. (1727 mm)

**CAPACITIES**

**482D**

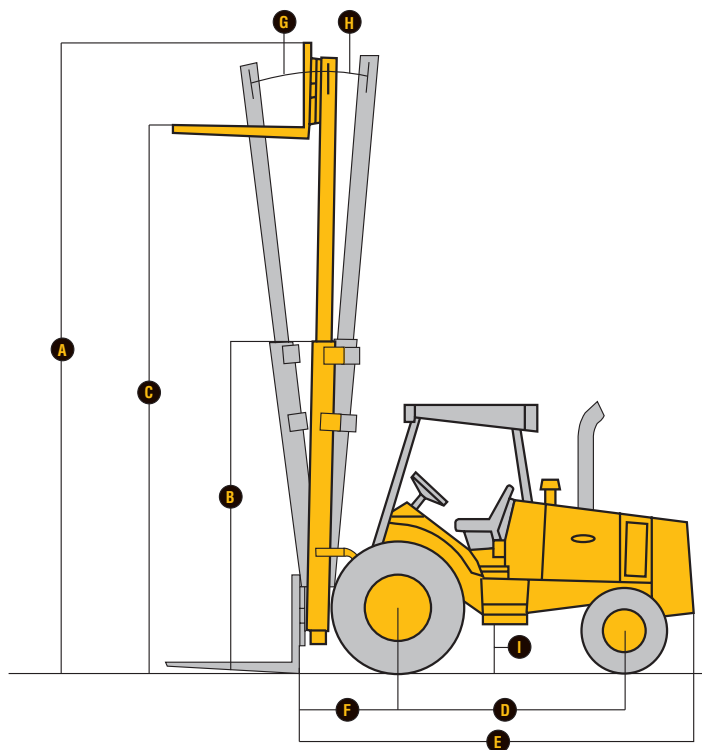
Fuel tank with ground level fueling .....	21.0 gal. (79.0 L)
Cooling system .....	17.0 qt. (16.0 L)
Engine lubrication, including full-flow spin-on filter .....	9.0 qt. (8.5 L)
Power-shift transmission, including vertical cartridge filter .....	6.0 gal. (23.0 L)

**TRANSAXLE**

Hydraulic system.....	12.3 gal. (46.5 L)
MFWD axle differential.....	7.0 qt. (7.0 L)
MFWD planetaries .....	3.0 qt. (3.0 L)
Torque converter/reverser.....	8.0 qt. (7.0 L)

**DIMENSIONS**

<b>A</b> Overall height, mast raised, unloaded .....	30 ft. 8 in. (9.35 m)
	24 ft. (7.34 m)
	16 ft. 9 in. (5.11 m)
<b>B</b> Overall height, mast closed, unloaded.....	12 ft. (3.66 m)
	9 ft. 9 in. (2.97 m)
	9 ft. 8 in. (2.95 m)
<b>C</b> Maximum fork height, forks horizontal, loaded .....	28 ft. (8.53 m)
	21 ft. 6 in. (6.55 m)
	14 ft. (4.27 m)
<b>D</b> Wheelbase.....	82.7 in. (2100 mm)
With mechanical-front-wheel drive.....	83.3 in. (2115 mm)
<b>E</b> Overall length from front of fork carriage to farthest projection of counterweight.....	12 ft. 2 in. (3.70 m)
<b>F</b> Reach from centerline of drive wheels to front of fork carriage .....	2 ft. 8 in. (813 mm)
<b>G</b> Degrees tilt, forward .....	15 degrees
<b>H</b> Degrees tilt, rear.....	11 degrees
<b>I</b> Ground clearance, minimum.....	2 ft. 2 in. (660 mm)
Overall width.....	7 ft. 1 in. (2160 mm)



**OPERATING INFORMATION**

Maximum lifting height .....	14 ft. (4.27 m)		21 ft. 6 in. (6.55 m)	
Maximum lift capacity*.....	6,000 lb. (2720 kg)	6,000 lb. (2720 kg)	5,000 lb. (2270 kg)	6,000 lb. (2720 kg)
Lift capacity at full height* .....	6,000 lb. (2720 kg)	6,000 lb. (2720 kg)	2,500 lb. (1130 kg)	2,500 lb. (1130 kg)
Free lift.....	84 in. (213 mm)	—	—	—
Side shift 3 in. (76 mm) to right and left of center.....	Yes	Yes	Yes	Yes
Rate of lift at 2,350 engine rpm (maximum load) .....	72 fpm (22 m/min.)	62 fpm (19 m/min.)	94 fpm (19 m/min.)	94 fpm (19 m/min.)

\*Measured at 24 in. (610 mm) from heel of fork with load centered.

**OPERATING WEIGHTS**

14-ft. (4.27 m) 6,000-lb. (2720 kg) capacity See-Through mast.....	12,400 lb. (5620 kg)
14-ft. (4.27 m) 6,000-lb. (2720 kg) capacity Free Lift mast .....	12,500 lb. (5680 kg)
21-ft. 6-in. (6.55 m) 5,000-lb. (2270 kg) capacity See-Through mast .....	12,700 lb. (5760 kg)
21-ft. 6-in. (6.55 m) 6,000-lb. (2720 kg) capacity See-Through mast .....	13,300 lb. (6030 kg)
21-ft. (6.40 m) 6,000-lb. (2720 kg) capacity Free Lift mast .....	13,400 lb. (6075 kg)

**TINES (SHIPPING WEIGHTS)**

Two 4-ft. (1.22 m) 5,000-lb. (2270 kg) pallet tines .....	350 lb. (160 kg)
Two 4-ft. (1.22 m) 6,000-lb. (2720 kg) pallet tines .....	425 lb. (190 kg)

FORKS HERE FOR GALEFOLD