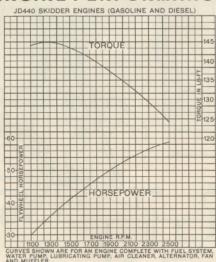


JD440 SKIDDER



ENGINE PERFORMANCE



DATA SHOWS PERFORMANCE OBSERVED AT STANDARD CONDITIONS OF 29.38 INCHES OF MERCURY BAROMETRIC PRESSURE (500 FEET) AND 85 FAHRENHEIT AIR TEMPERATURE.

FEATURES

TRACTOR

4-wheel drive and oscillating front axle with differential lockout.

Power steering controlled by steering wheel. Pivot steering actuated by dual cylinders.

Disk-type power brake runs in oil.

8 forward speeds with high of 16 mph; 3 reverse.

59 flywheel h.p. John Deere 4-cylinder engine—choice of Diesel or gasoline.

Deluxe seat. Complete operator protection.

Integrated blade, winch, arch, canopy, and log bumper.

BLADE

72 in. wide by 20 in. high. High-carbon steel cutting edge.

Piles logs and brush, clears skid trails.

Lifts to nearly 4 ft. Lowers 9-1/2 inches below ground level.

WINCH

Mechanical drive; power-actuated clutch and brake. Single-lever hydraulic control.

Holds, winches, and free-spools, with tractor standing or on-the-go.

Produces 14,500 lb. bare drum linepull; line speeds to 159 fpm.

ARCH

Steel-plate frame rigidly mounted in conjunction with winch.

3-roller fairlead. Large-diameter horizontal roller minimizes cable wear.

Up to 70-inch lift.

73 in., center-to-center, with 14.9 x 28 tires. 72 in., center-to-center, with 16.9 x 30 tires.

SPECIFICATIONS

Horsepower (at 2,500 engine rpm): Gasoline Diesel				Dimensions:	
Net engine flywheel (at 500 ft. altitude and 85°				Over-all height (top of canopy)	
F. Temp.)				Over-all width 90 in. Over-all length 183 in.	
Travel Speed	s (at 2,500	engine rpm):		Over-all length with blade	
Shift	Trave	Shift	Travel	Wheelbase	
Lever	Speed		Speeds	Ground clearance (with 16.9x30 tir	es)18-1/4 in.
Position	(mph)			Weight (approximate):	
1st	1.8	7th	10.0	weight (approximate).	Gasoline Diesel
2nd	2.9	8th Rev. 1	16.0 1.8	Shipping (with blade and 16.9x30,	
3rd 4th	3.8 4.8	Rev. 2	2.9	Shipping (with blade and rolls, oo,	o-pry theory. Tripro io. Tripro io.
5th	6.0	Rev. 3	4.8	Canacities	
6th	7.9			Capacities: Cooling system	2 mal
*Travel speeds bas	sed on 14.9-2	8 tires, without slip.		Fuel tank, gasoline and Diesel	
Farings Vesti	and A multin	des value la band 4	stroke avale secoline	Engine lubrication, including filter	
or Diesel.	cai, 4-cylin	der, vaive-in-nead, 4-	stroke cycle, gasoline	Transmission-hydraulic system	16 gal.
of Diesel.		Gasoline	Diesel		
Bore and strok		3-7/8 x 3-7/8 in.	3-7/8 x 4-5/16 in.	Base Equipment:	
Piston displacement			202 cu. in.	Hydraulic system Power steering	Speed-hour meter Key-ignition switch with safety
Compression ratio			16.7 to 1	Power steering Power brakes	start
Governed speed range.			1,500-2,500 rpm	Muffler	Alternator
Maximum torq			145 lb. ft. 1,300	Fuel gauge	Air cleaner (wet type)
		Pressure system wi		Oil-pressure indicator light	Canopy
Crankshafts		(Gas and Diesel end	ines) Induction-hard-	Alternator-charge indicator light Water-temperature gauge	Winch Log arch
		ened, counterbaland	ced, statically and dy-	Suction fan	Log bumper
		namically balanced.		Differential lock for front axle	Seat: Deluxe with suspension
Main and co		Otaal bashed about	Used sesseble	90 amp. battery	Foot throttle
Main bearings		Steel-backed, alumi	num-lined, removable.		Hand throttle
Number		3	5		14.9x28, 8-ply R-1 tires (nylon)
Diameter		3-1/8 in.	3-1/8 in.	Special Equipment:	
Length		3.560 in.	5.870 in.	Wheel weights	140 amp, hour battery installa-
Cooling			ter pump, thermostat,	Cigarette lighter	tion (two 70 amp. batteries)
Caucanan		and fixed bypass. Enclosed flyweight	Elyweight integral	Drawbar	Engine side-shields
Governor		type	Flyweight, integral with injection pump	Automotive-type horn	Lights: Front, rear, and panel
Carburetor		Up-draft type with		16.9x30, 8-ply "Logger Special"	Front blade
		load and idle adjust-		tires.	
ment				Winch	
Fuel-injection pump		Opposed-plunger, inlet metering, sin-	***	forting 7	
			gle-cylinder distrib-	Drive: "Live" mechanical; pov	ver-actuated clutch and brake.
			utor type	Single lever, hydraulic control.	
Air cleaner			Oil-wash type	Cable Capacities*: 1/2-in. wire	rope185 ft.
Electrical syste			12-volt		rope115 ft.
Starting		12-volt electric starter	12-volt electric starter	3/4-in. wire	rope 90 ft.
		Starter	Starter	Line Pull (at 2,100 rpm):	
Engine Clutch:				Bare drum14,500 lb.	
Foot-operated, spring-loaded, dry-disk type. Single plate (12-inch).				Full drum9,150 lb.	
				Line Speed (at 2,100 rpm):	
Transmission:				Bare drum100 fpm	
4-range, synchro-high-low transmission. 4 ranges with a high and low in each range provides 8 forward and 3 reverse speed selec-				Full drum	
tions. High and low synchronized in each range.				*Calculated capacities—allowance must be made for loose or uneven spooling.	
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Brake Foot-operated, power actuated, wet disk type. Hand-operated, mechanical-actuated parking brake.				Bla	de
				DEED LEVE THUT	
SteeringPower. Hydraulic-actuated by steering wheel. Pivot steering—dual cylinder controlled. Turning radius				Width	72 in.
				Height	
				anninged asserts and	
				Lift (max.)47-1/2 in. above ground level. Hydraulic control.	
Hydraulic Sy	stem C	losed center consta	nt pressure Variable-	Denth of cut	9-3/4 in. below ground level.
Hydraulic SystemClosed center, constant pressure. Variable- displacement pump driven from front of engine; 23 gpm at 2,500				Sopri of out	
			ed from transmission.	Accorded to the state of the st	LT OUT disasters ad vote
	1			Ar	ch
Tires: Hermoneo palo ni mveli esello ti basisiet imamo				Working height (top of horizontal roller to ground level with	
14.9 x 28, 8-ply bar type.				16.9x30 tires)70 in.	
16.9 x 30, 8-ply "Logger Special."				Horizontal roller	
Wheel Treads:					
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