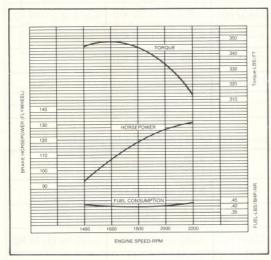


JD646 COMPACTOR



ENGINE PERFORMANCE



*SAE Standard

FEATURES

131 SAE net hp (133 PS)

4-wheel drive

Choice of 3 landfill buckets

Torque converter w/Power Shift transmission

Power steering, articulated frame

4-wheel, wet-disk brakes and parking brake

Inboard planetary final drives

Single-lever control w/automatic return to dig

No-Spin front axle differential

Vandal protection

Roll-over protective structure (ROPS) w/cab

Protective guards:

Rear bottom

Hydraulic lines

Engine

Transmission

Articulation

Radiator

Front drive line

SPECIFICATIONS—JD646 COMPACTOR

(Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with IEMC and SAE Standards. Except where otherwise noted, these specifications are based on a unit equipped with demolition wheels; refuse bucket, and standard equipment.)



				MIMBLE
Horsepower (at 2,200 engine rpm): SAE Gross	PS 143 133 ith fan, air	Control	Engine-drive elivers 26 gpm (9	en, eight-piston,
cleaner, water pump, lubricating oil pump, fuel pump, alternator fler. The gross engine horsepower is without fan. Gross and nicknown fler at the gross engine horsepower at the ground standard conditions of 500-and 85°F. temperature and DIN 70 020 (non-corrected). Engine rated horsepower up to 10,000 feet (3000 m) altitude.	et flywheel	Landfill Buckets: Refuse Dirt:	2¾ cu. yd. (2,10 m³)	Width 110, 77 in. (2,81 m)
Engine: John Deere diesel, vertical 6-cylinder, valve 4-stroke cycle—Turbo Built with turbocharger. Bore and stroke	x121 mm) (6620 cm) 16.5 to 1 8,1 kg-m) 43.3 flow filter ed bypass Suction	Light materials Multipurpose Refuse: Compactor Wheels: Width Diameter 60° cleats, 32/wheel	(3,44 m ³) 4½ cu. yd. (3,44 m ³) 2¼ cu. yd. (1,72 m ³) 3½ cu. yd. (2,68 m ³)	5 in. (1397 mm)
Electrical system				
ransmission:		Wheel Treads and Width:		
win-turbine torque converter with Power Shift transmission (4 peeds forward—2 reverse).		Front and rear (center-to-center)		
Torque Multiplication Ratio	3.2 to 1	Capacities:		U.S. Liters
Differentials: Front		Cooling system		9 gal. 34,1 0 gal. 189,3 17 qt. 16,1
Drive Axles:		Front differential: No-Spin		6 gal. 22.7
4-wheel drive with inboard-mounted planetary gears wheel. Front axle fixed. Rear axle oscillates 22 degree 15.3 in. (339 mm) vertical travel at center of tire		Rear differential	6.	5 gal. 24,6
		Additional Standard Equipment:		
Recommended Travel Speeds:		Adjustable cushioned seat		
Forward and reverse 4.5 mph (7.2km/h) maximum		Engine side shields		
Brakes:		Key switch		
Service Power actuated, 4-wheel, inboard-mounted wet disk. Foot-operated by either right or left pedal. Parking 10x1.5-in. (254x38 mm) expanding shoe on transhission output shaft. Adjustable, hand operated with warning		Pushbutton safety start Cigaret lighter Vandal protection Horn		
light on dash.	waiting	Automatic return to dig Fixed drawbar		
Steering:		Vertical exhaust w/rain cap		
Full power steering. Frame articulated 80 degrees by	two hy-	Hand grips Electric hourmeter		
draulic cylinders. Turning radius of 15 ft. 6.7 in. (4,74 Turning clearance is 36 ft. 10.8 in. (11,25 m).		ROPS cab and seat belt Ether starting aid		
Hydraulic Systems:		Heater for cab		

Defroster Fire extinguisher Radiator screen

SAE Operating Weight:

With multipurpose bucket

With refuse bucket . . .

Special Equipment:

Precleaner Multipurpose landfill bucket Light-materials bucket

Loader functions Live, transmission-driven, vane pump delivers 60 gpm (227 lpm) at 2,200 engine rpm and 2,250 psi (158,2 kg/cm²) relief-valve pressure setting.

kg

13625

13747

lb.

30,012

JD646 COMPACTOR DIMENSIONS

