

John Deere 850K Crawler Dozer

Driveline

Engine Manufacturer	John Deere
Engine Model	PowerTech PSS 6068
Displacement, ltr (Inches)	6.8 (414)
Rated Speed, rpm	1800
Engine Output - Net, kW (hp)	152 (205)
Transmission Type	Hydrostatic
Speeds Mode 1 - Forward	1
Speeds Mode 1 - Reverse	1
Final Drive	Double Reduction - Planetary
Track Rollers	7
Shoe - Pitch, mm (inches)	203 (8)
Shoe - Type	Single Grouser - Moderate
Service	
Ground Contact Area, cm (Inches)	33760 (5233)
Number Of Shoes	40
Oscillation	Yes

Dimensions

Height - Max, mm (ft/in)	3211 (10 ft 7 in)
Ground Clearance, mm (inches)	409 (16.1)
Track Length - On Ground, mm (ft/in)	2769 (9 ft 1 in)
Length - PAT Blade Straight, mm (ft/in)	5384 (17 ft 8 in)
Track Gauge, mm (ft/in)	1880 (6 ft 2 in)
Blade - Width, mm (ft/in)	3251 (10 ft 8 in)
Blade - Dig Depth, mm (inches)	599 (24)
Blade - Tilt, mm (ft/in)	753 (2 ft 6 in)
Steering - Differential	No

Capacities

Fuel Tank, ltr (gallons (US))	368 (97.5)
Hydraulic Tank, ltr (gallons (US))	112 (29.7)
Blade - Capacity, m (yd)	5.6 (7.3)

Performance

Speed - Forward Maximum, kph (mph)	9.7 (6)
Speed - Reverse Maximum, kph (mph)	9.7 (6)
Ground Bearing Pressure, kPa (PSI)	56 (8.13)
Implement Pump - Type	Variable Displacement Piston
Implement Pump - Flow, lt/min (gallons (US) / min)	163 (43)
Implement Pump - Pressure, bar (PSI)	249.93 (3625)

Weights

Operating Weight, kg (lbs)	19304 (42558)
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