

850J

## Specs

<b>MANUFACTURER</b>	<b>John Deere</b>
<b>MODEL</b>	<b>850J</b>
<b>DATE OF SPECIFICATION</b>	May-07
<b>ENGINE</b>	
Manufacturer/Model	John Deere / 6090HT
Net Horsepower @ Rated rpm	185 (138) @ 1800
# Cylinders and Displacement cu in. (L)	6 - 549 (9.0)
Maximum Torque lb ft	Not published
<b>TRANSMISSION</b>	
Type	Hydrostatic w/direct drive
Speed Ranges	Infinite
Forward	6.3 (10.1)
Reverse	6.3 (10.1)
<b>FINAL DRIVES</b>	Double reduction w/ planetary
<b>STEERING</b>	Dual-path HS w/ctr rotation
<b>HYDRAULIC SYSTEM</b>	
Pump Type	Piston
Pump flow gpm (L/min.)	46 (174)
System Pressure psi (kPa)	3625 (24980)
<b>UNDERCARRIAGE</b>	
Track Gauge in. (mm)	74" (1880)
Length of Track on Ground in. (mm)	109" (2770)
Std. Grouser in. (mm)	24" (610)
Ground Contact Area sq in. (cm <sup>2</sup> )	5,232 (33760)
Ground Pressure psi (kPa)	7.61 (52.4)
No. of Track Rollers	7
Track Pitch in. (mm)	8" (200)
Track Shoes each side	40
Track Oscillation in. (mm)	9" (230)
<b>DOZER</b>	
Blade Width in. (mm)	128" (3250)
Blade Height in. (mm)	56" (1420)
SAE Blade Capacity cu yd (m <sup>3</sup> )	7.29 (5.58)
Blade Lift Height in. (mm)	45.3" (1150)
Digging Depth in. (mm)	23.6" (599)
Blade width at Full Angle in. (mm)	128" (3250)
Blade Tilt in. (mm)	29.6" (752)
<b>DIMENSIONS</b>	
Height w/ROPS in. (mm)	127.6" (3240)
Length w/Dozer in. (mm)	212" (5380)
Ground Clearance in. (mm)	16.1" (409)
<b>CAPACITIES</b>	
Fuel Tank gal (L)	98 (371)
Hydraulic Reservoir gal (L)	28 (106.0)
<b>SAE OPERATING WEIGHT LB (KG)</b>	40,165 (18219)

Specifications are based on published information at the time of publication. Specifications are subject to change without notice.

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