

304J LOADER

Specs

MANUFACTURER	John Deere
MODEL	304J LOADER
DATE OF SPECIFICATION	Nov-05
ENGINE	
Manufacturer/Model	John Deere / 5030T
Net Rated Power hp (kW) @ Rated rpm	73 (54) @ 2800
Net Peak Power hp (kW) @ rpm	73 (54) @ 2800
# Cylinders and Displacement cu in. (L)	5 - 186 (3.1)
Gross Peak Torque lb-ft (N-m) @ rpm	Not published
Net Peak Torque lb-ft (N-m) @ rpm	195 (264) @ 1500
Calculated % Torque Rise	42.4%
ELECTRICAL Volts / Alternator amps	12 / 65
TRANSMISSION	
Type	Hydrostatic
Speed Ranges F x R	Infinite
Forward	18.6 (29.9)
Reverse	18.6 (29.9)
DIFFERENTIAL	
Front Traction Device	Locking std
Rear Traction Device	Conventional only
Front Axle Disconnect	Not applicable
FINAL DRIVE LOCATION & TYPE	Outboard planetary
SERVICE BRAKES	
Type	Oil (wet) disc
Location	Outboard
Actuation	Hydraulic/footpedal
HYDRAULIC SYSTEM	
Pump Type	Gear
Pump Flow gpm (L/min.)	25 (95)
System Pressure psi (kPa)	2750 (18950)
LOADER AND BUCKET	
Bucket range, Min.-Max. cu yd (cu m)	1.4 (1.1)
Breakout force, Std Bucket lb (kN)	12,364 (55.0)
Ride Control	Opt
Full Height lb (kg)	7,868 (3569)
Ground Level lb (kg)	12,136 (5505)
SPECIFICATIONS BASED ON	
Std. Bucket Size cu yd (cu m)	1.4 (1.07)
Teeth or bolt-on edge on Std Bucket	Bolt-on
Tire Size	405/70R20
Counterweight lb	0
TIPPING LOAD	
Straight lb (kg)	10,241 (4645)
Full Turn lb (kg)	9,315 (4225)
DIMENSIONS	

Height of Hinge Pin ft in. (mm)	11' 0.5" (3370)
Dump Clear @ 45 deg ft in. (mm)	8' 9" (2670)
Reach @ 7'ft in. (mm)	4' 3.3" (1300)
Reach @ Full Height ft in.(mm)	2' 10.8" (880)
Wheelbase ft in. (mm)	7' 6.6" (2300)
Clearance Circle ft in. (mm)	27' 2.8" (8300)
Overall Length ft in. (mm)	18' 10.8" (5760)
Height Top of Cab ft in. (mm)	9' 2" (2790)
Ground Clearance in. (mm)	15.2" (390)

CAPACITIES

Fuel Tank gal (L)	22 (81)
Hydraulic Reservoir gal (L)	Not Published

SAE OPERATING WEIGHT LB (KG) 13,404 (6080)

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

05/02/2008