

322 Compact Track Loader

Specs

MANUFACTURER	John Deere
MODEL	322 Compact Track Loader
DATE OF SPECIFICATION	Mar-08
ENGINE	
Manufacturer	John Deere
Model	4024T
Gross Horsepower (kW)	66 (49)
Net Horsepower (kW)	62 (46)
Rated RPM	2800
Gross peak Torque, lb-ft (Nm)	Not published
Net peak Torque, lb-ft (Nm)	Not published
# Cylinders	4
Displacement, cu in (L)	149 (2.4)
Engine aspiration	Turbocharged
Cylinder Liner type	Parent bore block
Fuel Capacity, gal (L)	19 (70)
HYDRAULIC SYSTEM	
Standard Pump Flow, gpm (L/min.)	19 (72)
Optional High Flow, gpm (L/min.)	29 (110)
System Pressure, psi (kPa)	3450 (23770)
Auxiliary Hydraulic Circuit, Std;Opt	Std
Hydraulic power, calculated, hp (kW)	38.2 (28.5)
Opt. H.-Flow Hyd. power, cal.,hp (k/W)	58.4 (43.8)
PERFORMANCE	
SAE Rated Oper. Cap.(ROC)35% tip lb(kg)	2,200 (998)
ROC at 50% of tipping load lb (kg)	3,200 (1452)
Tipping Load, standard, lb (kg)	6,400 (2903)
Boom, lb (kN)	3,410 (15.1)
Bucket, lb (kN)	6,050 (26.8)
Heaped Bucket Capacity, cu ft (cu m)	Not published
Reference Bucket Width, in (mm)	Not published
Lift Arm Geometry	Vertical lift
Self leveling bucket, Std; Opt	Opt
DRIVE TRAIN	
Maximum First Gear Speed mph (kph)	6.1 (9.8)
Maximum Second Gear Speed mph (kph)	8.5 (13.6)
Standard Rubber Track Width in (mm)	12.6" (320)
Optional Rubber Track Width in (mm)	15.8" (400)
Ground Pressure, Standard Track psi	5.1 (35.1)
Ground Pressure, Optional Track psi	4.2 (28.9)
Tractive Effort, lbs (N)	8,000 (35,584)
Track Gauge, center to center in (mm)	59.4" (1510)
DIMENSIONS	
Length with Bucket, in (mm)	126" (3200)
Length without Bucket, in (mm)	102" (2590)

Width without bucket, in (mm)	72" (1830)
Height to ROPS, in (mm)	77" (1960)
Height to Hinge Pin, in (mm)	115" (115)
Dump Height, in (mm)	91" (2310)
Dump Reach, in (mm)	32" (810)
Dump Angle, degrees	43°
Bucket Rollback @ ground, degrees	33°
Bucket Rollback @ full height, degrees	Not published
Wheelbase, in (mm)	Not published
Ground Clearance, in (mm)	9.6" (244)
Angle of Departure, degrees	28.5°
OPERATING WEIGHT, STANDARD LB (KG)	8,305 (3767)

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

04/20/2009