

Specifications: JOHN DEERE SKID STEER LOADER SERIES 313, 315, 317, 320, 325, 328, 332

MANUFACTURER	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere
MODEL	313 Skid Steer	315 Skid Steer	317 Skid Steer	320 Skid Steer	325 Skid Steer	328 Skid Steer	332 Skid Steer
ENGINE							
Manufacturer	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere
Model	4024T	4024T	4024T	4024T	5030T	5030Tw	5030Hw
Gross Horsepower (kw)	49 (37)	49 (37)	61 (45)	66 (49)	76 (57)	82 (61)	91 (68)
Net Horsepower (kw)	45 (34)	45 (34)	57 (43)	62 (46)	70 (52)	76 (57)	85 (63)
Rated RPM	2400	2400	2800	2800	2800	2800	2800
Grosspeak Torque, lb-ft (nm)	139 (188)	139 (188)	150 (203)	156 (212)	194 (263)	202 (274)	251 (340)
#Cylinders	4	4	4	4	5	5	5
Displacement, cuin(L)	149 (2.4)	149 (2.4)	149 (2.4)	149 (2.4)	186 (3.1)	186 (3.1)	186 (3.1)
Engine aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Air-to-air aftercooled
Fuel Capacity, gal (L)	18 (66)	18 (66)	16 (61)	16 (61)	24 (91)	24 (91)	24 (91)
HYDRAULIC SYSTEM							
Standard Pump Flow, gpm (L/min.)	15 (57)	16 (61)	17 (64)	19 (72)	22 (83)	22 (83)	24 (91)
Optional High Flow, gpm (L/min.)	Not applicable	25 (95)	27 (102)	31 (117)	34 (129)	36 (136)	41 (155)
System Pressure, PSI (KPA)	3450 (23770)	3450 (23770)	3450 (23770)	3450 (23770)	3100 (21360)	3100 (21360)	3100 (21360)
Auxiliary Hydraulic Circuit, Std; Opt	Std	Std	Std	Std	Std	Std	Std
Hydraulic power, calculated, hp (kw)	30.2 (22.5)	32.2 (24.0)	34.2 (25.5)	38.2 (28.5)	39.8 (29.6)	39.8 (29.6)	43.4 (32.3)
Opt High-Flw Hyd pwr,calculated,hp(kw)	Not applicable	50.3 (37.7)	54.3 (40.8)	62.4 (46.8)	61.5 (46.1)	65.1 (48.8)	74.1 (55.6)
PERFORMANCE							
SAE Rated Oper Cap (ROC), lb (kg)	1,260 (572)	1,500 (680)	1,750 (794)	1,950 (885)	2,500 (1134)	2,750 (1247)	3,175 (1440)
SAE ROC with opt Counterweight, lb (kg)	1,400 (635)	1,650 (748)	2,100 (953)	2,300 (1043)	2,850 (1293)	3,100 (1406)	3,525 (1599)
Tipping Load, standard, lb (kg)	2,525 (1145)	3,000 (1361)	3,700 (1678)	3,900 (1769)	5,000 (2268)	5,500 (2495)	6,350 (2880)
Boom, lb(kn)	2,800 (12.4)	3,900 (17.3)	3,100 (13.7)	3,100 (13.7)	4,800 (21.3)	4,800 (21.3)	6,650 (29.4)
Bucket, lb(kn)	3,300 (14.6)	3,300 (14.6)	5,500 (24.4)	5,500 (24.4)	7,500 (33.2)	10,500 (46.5)	11,600 (51.4)
Heaped Bucket Capacity, cu ft (cum)	Not published	Not published	14.48 (0.41)	15.89 (0.45)	17.66 (0.50)	17.66 (0.50)	17.66 (0.50)
Reference Bucket Width, in (mm)	60" (1520)	60" (1520)	66" (1680)	72" (1830)	78" (1980)	78" (1980)	78" (1980)
Self leveling bucket, Opt	Opt	Opt	Opt	Opt	Opt	Opt	Opt
DRIVE TRAIN							
Maximum Grnd Speed,stand,mph (kph)	6.8 (10.9)	6.8 (10.9)	6.8 (10.9)	6.8 (10.9)	7 (11.3)	7 (11.3)	7 (11.3)
Two Speed Trans Grnd Speed,mph(kph)	Not applicable	Not applicable	Not applicable	Not applicable	11 (17.7)	12 (19.3)	11.2 (18.0)
Drive chain size	80HZ	80 HZ	80 Hz	80 Hz	100 Hz	100 Hz	100 Hz
Axle torque, lb-ft (nm)	3,420 (4637)	4,050 (5491)	4,450 (6033)	4,725 (6406)	5,680 (7701)	6,235 (8454)	6,930 (9396)
Standard Tire Size	10x16.5	10x16.5	10x16.5	12x16.5	12x16.5	14x17.5	14x17.5
DIMENSIONS							
Length with Bucket, in (mm)	124" (3150)	129" (3280)	125.8" (3200)	125.8" (3200)	138.5" (3520)	138.5" (3520)	138.5" (3520)
Length Without Bucket,in (mm)	96" (2440)	101" (2570)	102" (2590)	102" (2590)	115.5" (2930)	115.5" (2930)	115.5" (2930)
Width Without Bucket, in (mm)	59" (1500)	59" (1500)	64.1" (1630)	69.8" (1770)	73.7" (1870)	76.1" (1930)	77.1" (1960)
Height to ROPS, in (mm)	77" (1960)	77" (1960)	75.4" (1920)	76.8" (1950)	80.9" (2050)	82.9" (2110)	82.9" (2110)
Height to Hinge Pin, in (mm)	109" (109)	115" (115)	114" (114)	115.2" (115.2)	125" (125)	127" (127)	127" (127)
Dump Height, in (mm)	84" (2130)	89" (2260)	88.8" (2260)	90.2" (2290)	100" (2540)	102" (2590)	102" (2590)
Dump Reach, in (mm)	17.4" (440)	15.8" (400)	29.1" (740)	28.1" (710)	34" (860)	32" (810)	32" (810)
Dump Angle, degrees	40°	40°	45°	45°	45°	45°	45°
Bucket Rollback @ ground, degrees	30°	30°	35°	35°	35°	35°	35°
Wheelbase, in (mm)	38" (970)	41" (1040)	42.3" (1070)	42.3" (1070)	47.6" (1210)	47.6" (1210)	48.6" (1230)
Ground Clearance, in (mm)	7.6" (193)	7.6" (193)	8.2" (208)	9.6" (244)	9" (229)	11" (279)	9.5" (241)
Angle of Departure, degrees	26°	23.5°	27°	27°	27°	27°	27°
OPERATING WEIGHT, STANDARD LB (kg)	5,150 (2336)	5,200 (2359)	6,300 (2858)	6,435 (2919)	8,390 (3806)	8,580 (3892)	9,160 (4155)