

Doosan Wheeled Excavators

MODEL	DX55W	DX140W	DX190W	DX210W
Engine	T3	T3	T3	T3
Make	Yanmar	Doosan	Doosan	Doosan
Horsepower, SAE Net hp @ rpm (kw @ rpm)	55 @ 2,400 (41 @ 2,400)	132 @ 2,000 (99 @ 2,000)	156 @ 1,900 (116 @ 1,900)	161 @ 1,900 (120 @ 1,900)
Torque, Net ft lb @ rpm (kgf.m @ rpm)	152 @ 1,550 (21 @ 1,550)	383 @ 1,400 (53 @ 1,400)	506 @ 1,400 (70 @ 1,400)	521 @ 1,400 (72 @ 1,400)
Dimensions				
Operating Weight lb (kg)	12,236 (5,550)	30,314 (13,750)	39,242 (17,800)	45,856 (20,800)
Max. Reach @ Ground Level ft in (mm)	20'1" (6,110)	24'8" (7,520)	30'2" (9,200)	31'11" (9,730)
Max. Dump Height ft in (mm)	14'0" (4,265)	19'1" (5,810)	21'10" (6,650)	23'0" (7,020)
Max. Digging Depth ft in (mm)	11'6" (3,495)	15'0" (4,580)	19'7" (5,965)	19'9" (6,010)
Swing Torque ft lb (kgf.m)	7,378 (1,020)	24,187 (3,344)	34,176 (4,725)	46,197 (6,387)
Drawbar Pull/Tractive Effort lbf (kgf)	7,392 (3,353)	16,976 (7,700)	24,416 (11,075)	27,171 (12,325)
Breakout Force				
Arm (Boost) lbf (kgf)	6,048 (2,743)	16,137 (7,320)	18,186 (8,535)	21,728 (9,856)
Bucket (Boost) lbf (kgf)	9,184 (4,166)	19,003 (8,620)	26,208 (11,888)	28,800 (12,701)
Transportability				
Overall Height ft in (mm)	9'4" (2,855)	11'0" (3,351)	10'10" (3,310)	10'6" (3,200)
Overall Length ft in (mm)	20'1" (6,120)	23'9" (7,235)	28'9" (8,750)	30'11" (9,420)
Overall Width ft in (mm)	6'4" (1,920)	8'2" (2,496)	8'4" (2,530)	8'4" (2,530)
Hydraulic System				
Pump Output gpm (lpm)	2 X 15.9 (2 x 60.0)	2 X 41.2 (2 x 156.1)	2 x 52.8 (2 x 200.0)	2 x 61.2 (2 x 231.7)
System Relief Pressure (Boost) psi (bar)	2,988 (206)	5,076 (350)	5,076 (350)	5,076 (350)