



Backhoe	Rhino RBH65	Caterpillar 416F	John Deere 310K	Case 580N	JCB 3CX
General					
Brand	Rhino	Caterpillar	John Deere	Case	JCB
Model	RBH 65	416F	310K	580N	3CX
Transmission	F/R Powershift	Powershuttle	Powershift	Power Shuttle	Powershuttle
Rear Arm Type (standard)	Fixed Length	Fixed Length	Fixed Length	Fixed Length	Fixed Length
Engine					
Engine Make	Cummins	Caterpillar	John Deere	Case	JCB
Engine Model (optional)	4BT3.9 (4BT4.5/3B.3)	C4.4 ACERT Turbo	E4045HT054 Turbo	F5C	N/P
Net Horsepower Kw (Hp)	60 (80)	65 (87)	65 (87)	63 (84)	69 (93)
Number of Cylinders	4	4	4	4	4
Piston Displacement ltr (cu. In)	3.9 (238.0)	4.4 (268.5)	4.5 (274.6)	3.4 (207.5)	4.4 (268.5)
Voltaje (V)	12	12	12	12	12
Battery (CCA)	850	880	N/P	850	900
Alternator (A)	95	N/P	90	120	95
Drivetrain					
Driven Wheels (std/opt)	4/4	2/4	2/4	4/4	2/4
Number of Speeds (Fwr/Rev)	4/4	4/4	4/2	4/4	4/4
Max Speed Forward km/h (mph)	29 (18)	40 (25)	33 (20)	39 (24)	37 (23)
Max Speed Reverse km/h (mph)	29 (18)	40 (25)	13 (8)	47 (29)	37 (23)
Turning Radius with Brakes mm (ft)	5,420 (18)	4,090 (13)	3,580 (12)	3,450 (11)	6,900 (23)
Differential Type, Rear	Locking	Locking	Hydraulic Locking	Locking	Limited Slip Option
Hydraulics					
Hydraulic System	Closed-Center	Closed-Center	Open-Center	Open-Center	Open-Center
Pump Type	Gear Pump	Axial Piston	Gear Pump	Gear Pump	Gear pump
Pump Flow ltr/min (gpm)	45 (12)	132 (35)	106 (28)	108 (29)	148 (39)
Main Relief Valve Setting Mpa (psi)	20 (2,901)	21 (3,046)	22 (3,191)	23 (3,336)	257 (37,275)
Bucket					
Loader bucket capacity m ³ (cu. Yd)	1.0 (1.3)	0.8 (1.0)	0.8 (1.0)	N/P N/P	1.0 (1.3)
Performance					
Loader Type	Self-Leveling	Self-Leveling, Return-to-Dig	Electro-Leveling	Self-Leveling, Return-to-Dig	Self-Leveling
Loader Bucket Breakout Force kN (ft-lb)	42 (9,442)	41 (9,195)	42 (9,352)	42 (9,509)	65 (14,680)
Backhoe Bucket Breakout Force kN (ft-lb)	50 (11,240)	52 (11,645)	49 (11,106)	N/P N/P	61 (13,736)
Dimensions					
Transport Length mm (ft)	7,400 (24.3)	7,233 (23.7)	7,090 (23.3)	7,140 (23.4)	7,190 (23.6)
Transport Height, Fixed Length Arm mm (ft)	2,950 (9.7)	3,577 (11.7)	3,430 (11.3)	3,300 (10.8)	3,430 (11.3)
Transport Width (widest point - loader bucket) (mm)	2,315 (7.6)	2,322 (7.6)	2,184 (7.2)	2,070 (6.8)	2,450 (8.0)
Tire Size - Front/Rear	12-16.5/19.5L-24	11L16 / 19.5L-24	11L-16SLF-3 / 19.5L-24R4	12LX16.5-8 / 17.5L-24	14 x17.5-10/19.5x24-12
Loader Dumping Reach, 45 deg. @ Max Height (mm)	726 (2.4)	772 (2.5)	785 (2.6)	801 (2.6)	810 (2.7)
Loader Hinge Pin Height (mm)	3,300 (10.8)	3,296 (10.8)	3,380 (11.1)	3,420 (11.2)	3,450 (11.3)
Backhoe Dig Depth, 2' Flat Bottom - Fixed Length Arm (mm)	3,760 (12.3)	4,321 (14.2)	4,320 (14.2)	4,460 (14.6)	4,450 (14.6)
Backhoe Max. Reach from Swing Center - Fixed Length Arm (mm)	5,250 (17.2)	5,618 (18.4)	5,440 (17.8)	5,570 (18.3)	5,440 (17.8)
Weight					
Operating Weight kg (gal)	7,000 (15,432)	6,750 (14,881)	6,292 (13,871)	6,607 (14,566)	7,800 (17,196)
Maintenance					
Refill Capacity - Fuel Tank L (gal)	125 (33)	160 (42)	155 (41)	159 (42)	160 (42)
Refill Capacity - Hydraulics L (gal)	132 (35)	40 (11)	89 (24)	106 (28)	132 (35)
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