



Backhoe	Rhino RBH70				Caterpillar 420F		John Deere 410K		Case 580N		JCB 3CX			
General														
Brand	Rhino				Caterpillar		John Deere		Case		JCB			
Model	RBH 70				420F		410K		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		Deutz		Rhino		Caterpillar		John Deere		Case		JCB	
Engine Model	4BTA3.9		WP4G95E221		WP4.1G100E311		C4,4 ACERT Turbo		E4045HT063 Turbo		F5C		N/P	
Net Horsepower Kw (Hp)	82	(110)	70	(94)	74	(99)	69	(93)	80	(107)	63	(84)	69	(93)
Number of Cylinders	4		4		4		5		N/A		4		4	
Piston Displacement ltr (cu. In)	4.5		(274.6)		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		4/4		4/4		2/4			
Number of Speeds (Fwr/Rev)	4/4				4/4		4/4		4/4		4/4			
Max Speed Forward km/h (mph)	40		(25)		40		(25)		40		(25)		39 (24) 37 (23)	
Max Speed Reverse km/h (mph)	40		(25)		40		(25)		21		(13)		47 (29) 37 (23)	
Turning Radius with Brakes mm (ft)	4,300		(14)		4,090		(13)		3,440		(11)		3,450 (11) 6,900 (23)	
Differential Type, Rear	Locking				Locking		Hydraulic Locking		Locking		Limited Slip Option			
Hydraulics														
Hydraulic System	Closed-Center				Closed-Center		N/A		Open-Center		Open-Center			
Pump Type	Gear Pump				Axial Piston		Gear Pump		Gear Pump		Gear pump			
Pump Flow ltr/min (gpm)	110		(29)		163		(43)		159		(42)		108 (29) 148 (39)	
Main Relief Valve Setting Mpa (psi)	21		(3,046)		25		(3,626)		24		(3,481)		23 (3,336) 257 (37,275)	
Bucket														
Loader bucket capacity m ³ (cu. Yd)	1.0		(1.3)		1.0		(1.3)		1.0		(1.3)		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)	44		(9,892)		51		(11,465)		N/A N/A		42 (9,509)		65 (14,680)	
Backhoe Bucket Breakout Force kN (ft-lb)	55		(12,364)		63		(14,163)		N/A N/A		N/P N/P		61 (13,736)	
Dimensions														
Transport Length mm (ft)	7,120		(23.4)		7,169		(23.5)		7,290		(23.9)		7,140 (23.4) 7,190 (23.6)	
Transport Height, Fixed Length Arm mm (ft)	3,424		(11.2)		3,577		(11.7)		3,940		(12.9)		3,300 (10.8) 3,430 (11.3)	
Transport Width (widest point - loader bucket) (mm)	2,350		(7.7)		2,322		(7.6)		2,337		(7.7)		2,070 (6.8) 2,450 (8.0)	
Tire Size - Front/Rear	14-17.5/19.5L-24				11L16 / 19.5L-24 R4 ATU		11L-16SLF-3 / 19.5L-24R4		12LX16.5-8 / 17.5L-24		14 x17.5-10/19.5x24-			
Loader Dumping Reach, 45 deg. @ Max Height (mm)	727		(2.4)		808		(2.7)		785		(2.6)		801 (2.6) 810 (2.7)	
Loader Hinge Pin Height (mm)	3,370		(11.1)		3,474		(11.4)		3,380		(11.1)		3,420 (11.2) 3,450 (11.3)	
Backhoe Dig Depth, 2' Flat Bottom - Fixed Length Arm (mm)	4,570		(15.0)		4,311		(14.1)		4,320		(14.2)		4,460 (14.6) 4,450 (14.6)	
Backhoe Max. Reach from Swing Center - Fixed Length Arm (mm)	5,400		(17.7)		5,612		(18.4)		5,440		(17.8)		5,570 (18.3) 5,440 (17.8)	
Weight														
Operating Weight kg (gal)	7,000		(15,432)		6,983		(15,395)		7,435		(16,391)		6,607 (14,566) 7,800 (17,196)	
Maintenance														
Refill Capacity - Fuel Tank L (gal)	151		(40)		165		(44)		155		(41)		159 (42) 160 (42)	
Refill Capacity - Hydraulics L (gal)	54		(14)		40		(11)		89		(24)		106 (28) 132 (35)	

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