



Excavators		Rhino REX18		CAT 301.7		JOHN DEERE 17D		VOLVO EC20		CASE CX17	
General		Rhino REX18		CAT 301.7		JOHN DEERE 17D		VOLVO EC20		CASE CX17	
Brand		Rhino Equipment		Caterpillar		John Deere		Volvo		Case	
Model		REX18		301.7D		17D		EC20		CX17	
Arm Selection Short/Long		Short		Short		Short		Short		Short	
Weight											
Operating Weight kg (lb)		1,760	(3,880)	1,735	(3,825)	1,893	(4,173)	1,780	(3,924)	1,775	(3,913)
Counterweight Mass kg (lb)		N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Ground Pressure Kpa (psi)		29	(4.2)	N/P	N/P	28	(4.1)	30	(4.4)	28	(4.1)
Engine											
Engine Make (optional)		YANMAR (RHINO)		YANMAR		YANMAR		Mitsubishi		Kubota	
Engine Model		3TNV82A		31NV76		3TNV70		L3E		D902	
Net Horsepower kW (hp)		19	(25)	13	(17)	11	(15)	12	(16)	13	(17)
Number of Cylinders		3		3		3		3		3	
Piston Displacement L (cu. In)		1.3	(79)	1.1	(67)	0.9	(55)	1.1	(67)	0.9	(55)
Hydraulics											
Max. Flow ltr/min (gpm)		35	(9)	6.4	(2)	38	(10)	44	(12)	32	(8)
Implement Relief Valve Setting Mpa (psi)		16	(2,321)	20	(2,901)	N/P	N/P	21	N/P	22	N/P
Undercarriage											
Max. Travel Speed: High Kph (mph)		4	(2)	6	(4)	4	(3)	3	(2)	4	(2)
Gradeability (deg)		30		30		N/P		N/P		30	
Number of Carrier Rollers per Side		1		N/P		N/P		N/P		N/P	
Number of Track Rollers		4		N/P		N/P		4		3	
Swing											
Swing Speed (rpm)		10		N/P		N/P		9.5		8.6	
Swing Torque kg-m (ft-lb)		N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Performance											
Bucket Capacity - 1134kg Material Loose m3 (cu. Yd)		0.04	(0.05)	N/P	N/P	N/P	N/P	N/P	N/P	0.04	(0.05)
SAE Arm Crowd Force at Power Max. kg (lb)		830	(1,830)	1,120	(2,469)	1,030	(2,271)	1,250	(2,756)	887	(1,956)
SAE Bucket Digging Force at Power Max. kg (lb)		1,440	(3,175)	1,880	(4,145)	1,600	(3,527)	1,850	(4,079)	1,550	(3,417)
Dimensions											
Overall Height to Top of Cab mm (ft)		2,247	(7.4)	2,290	(7.5)	2,400	(7.9)	2,318	(7.6)	2,350	(7.7)
Ground Clearance, Counterweight mm (in)		467	(18)	495	(19)	N/P	N/P	570	(22)	445	(18)
Swing Radius mm (ft)		1,200	(3.9)	1,170	(3.8)	1,540	(5.1)	1,052	(3.5)	660	(2.2)
Track Length on Ground mm (ft)		1,185	N/P	N/P	N/P	1,210	(48)	1,240	(49)	N/P	N/P
Track Length mm (ft)		1,560	(5.1)	1,445	(4.7)	1,570	(5.2)	1,620	(5.3)	1,560	(5.1)
Track Gauge mm (ft)		1,250	(4.1)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Overall Length mm (ft)		2,380	(7.8)	3,885	(12.7)	3,590	(11.8)	3,746	(12.3)	3,420	(11.2)
Overall Height to Top of Boom mm (ft)		1,345	(53)	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Overall Width mm (ft)		1,100	(3.6)	990	(3.2)	1,280	(4.2)	1,355	(4.4)	990	(3.2)
Ground Clearance (Minimum) mm (in)		212	(8)	N/P	N/P	165	(6)	159	(6)	175	(7)
Shoe Width mm (in)		230	(9)	230	(9)	230	(9)	250	(10)	230	(9)
Working Range											
Max. Digging Depth mm (ft)		1,980	(6.5)	1,430	(4.7)	2,170	(7.1)	2,257	(7.4)	2,370	(7.8)
Max. Digging Reach at Ground Level mm (ft)		3,640	(11.9)	3,700	(12.1)	3,900	(12.8)	3,971	(13.0)	4,020	(13.2)
Max. Digging Height mm (ft)		3,150	(10.3)	3,485	(11.4)	3,560	(11.7)	3,807	(12.5)	3,880	(12.7)
Max. Dumping Height mm (ft)		2070	(6.8)	2,500	(8.2)	2,530	(8.3)	2746	(9.0)	2850	(9.4)
Capacities											
Refill Capacity - Fuel Tank L (gal)		28	(7)	24	(6)	20	(5)	21	(6)	20	(5)
Refill Capacity - Coolant L (gal)		4	(1)	N/P	N/P	N/P	N/P	4.5	(1)	N/P	N/P
Refill Capacity - Engine L (gal)		6	(2)	N/P	N/P	3	(1)	4	(1)	4	(1)
Refill Capacity - Final Drive, Each L (gal)		N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Refill Capacity - Swing Drive L (gal)		N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P	N/P
Refill Capacity - Hydraulic Tank L (gal)		55	(15)	21	(6)	20	(5)	23	(6)	23	(6)

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