



Excavator	Rhino REX450		Caterpillar 349FL		Case CX490D		John Deere 470G LC	
<b>General</b>								
Brand	Rhino Equipment		Caterpillar		Case		John Deere	
Model	REX450		349FL		CX490D		470G LC	
Arm Selection m (ft)	3.4	(11.2)	N/P	N/P	N/P	N/P	3.4	(11.2)
<b>Weight</b>								
Operating Weight kg (lb)	45,800	(100,972)	48,650	(107,255)	49,600	(109,349)	51,218	(112,916)
Counterweight Mass kg (lb)	9,350	(20,613)	N/P	N/P	10,000	(22,046)	9,111	(20,086)
Ground Pressure Kpa (psi)	72	(10.4)	59	(8.6)	57	(8.3)	62	(9.0)
<b>Engine</b>								
Engine Make (optional)	CUMMINS (RHINO)		CAT		ISUZU		John Deere	
Engine Model	QSM11		C13 ACERT		AQ-6UZ1X		PSS6135	
Net Horsepower kW (hp)	251	(337)	311	(417)	245	(329)	274	(367)
Number of Cylinders	6		N/P		6		6	
Piston Displacement L (cu. In)	11.9	(726)	12.5	(763)	N/P	N/P	14.0	(854)
<b>Hydraulics</b>								
Max. Flow ltr/min (gpm)	710	(188)	770	(203)	728	(192)	800	(211)
Implement Relief Valve Setting Mpa (psi)	38	(5,511)	N/P	N/P	N/P	N/P	33	(4,786)
<b>Undercarriage</b>								
Max. Travel Speed: High Kph (mph)	5	(3)	5	(3)	5	(3)	6	(3)
Gradeability (deg)	35		30		35		35	
Number of Carrier Rollers per Side	2		2		2		3	
Number of Track Rollers	8		9		9		9	
<b>Swing</b>								
Swing Speed (rpm)	9		9		9		10	
Swing Torque kg-m (ft-lb)	15,260	(110,376)	15,139	(109,501)	N/P	N/P	15,092	(109,161)
<b>Performance</b>								
Bucket Capacity - 1134kg Material Loose m3 (cu. Yd)	2.1	(2.7)	3.1	(4.1)	2.5	(3.3)	2.3	(3.0)
SAE Arm Crowd Force at Power Max. kg (lb)	20,400	(44,974)	N/P	N/P	N/P	N/P	21,500	(47,399)
SAE Bucket Digging Force at Power Max. kg (lb)	25,300	(55,777)	N/P	N/P	N/P	N/P	25,600	(56,438)
<b>Dimensions</b>								
Overall Height to Top of Cab mm (ft)	3,280	(10.8)	3,230	(10.6)	3,320	(10.9)	3,440	(11.3)
Ground Clearance, Counterweight mm (in)	2,355	(92.7)	1,280	(50.4)	1,330	(52.4)	1,360	(53.5)
Swing Radius mm (ft)	3,645	(12.0)	N/P	N/P	N/P	N/P	3,660	(12.0)
Track Length on Ground mm (ft)	4,020	(13.2)	N/P	N/P	N/P	N/P	4,470	(14.7)
Track Length mm (ft)	4,360	(14.3)	5,370	(17.6)	5,450	(17.9)	5,470	(17.9)
Track Gauge mm (ft)	2,890	(9.5)	2,740	(9.0)	4,400	(14.4)	2,890	(9.5)
Overall Length mm (ft)	11,980	(39.3)	12,500	(41.0)	12,090	(39.7)	12,010	(39.4)
Overall Height to Top of Boom mm (ft)	3,640	(11.9)	3,710	(12.2)	3,650	(12.0)	3,480	(11.4)
Overall Width mm (ft)	3,490	(11.5)	3,340	(11.0)	3,650	(12.0)	3,290	(10.8)
Ground Clearance (Minimum) mm (in)	510	(20.1)	510	(20.1)	535	(21.1)	740	(29.1)
Shoe Width mm (in)	700	(27.6)	N/P	N/P	900	(35.4)	900	(35.4)
<b>Working Range</b>								
Max. Digging Depth mm (ft)	7,810	(25.6)	8,940	(29.3)	7,720	(25.3)	7,770	(25.5)
Max. Vertical Wall Digging Depth mm (ft)	6,800	(22.3)	6,560	(21.5)	N/P	N/P	6,580	(21.6)
Max. Digging Depth of Cut for 8' Level Bottom mm (ft)	7,500	(24.6)	N/P	N/P	7,580	(24.9)	7,620	(25.0)
Max. Digging Reach at Ground Level mm (ft)	11,815	(38.8)	12,960	(42.5)	N/P	N/P	11,840	(38.8)
Max. Digging Height mm (ft)	10,910	(35.8)	7,870	(25.8)	11,100	(36.4)	11,050	(36.3)
Max. Dumping Height mm (ft)	7,550	(24.8)	N/P	N/P	N/P	N/P	7,650	(25.1)
<b>Capacities</b>								
Refill Capacity - Fuel Tank L (gal)	650	(171.7)	720	(190.2)	650	(171.7)	675	(178.3)
Refill Capacity - Coolant L (gal)	37	(9.8)	50	(13.2)	55	(14.5)	62	(16.4)
Refill Capacity - Engine L (gal)	38	(10.0)	38	(10.0)	41	(10.8)	44	(11.6)
Refill Capacity - Final Drive, Each L (gal)	12.0	(3.2)	15	(4.0)	15.0	(4.0)	11.0	(2.9)
Refill Capacity - Swing Drive L (gal)	16.0	(4.2)	10	(2.6)	10.5	(2.8)	6.5	(1.7)
Refill Capacity - Hydraulic Tank L (gal)	335	(88.5)	407	(107.5)	230	(60.8)	310	(81.9)

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