

RD50



Best-in-class access to service and maintenance points for maximum uptime



Rhino Dozers combine incredible versatility to handle a wide range of jobs with innovations that help you do those jobs better, faster and more efficiently. These crawler dozers are ideal for residential construction performing such tasks as clearing and grading lots, sloping the sides of roads, back-filling, and final grade work for landscaping and driveway construction.



- 1. Standard high-back seat and lower cushion adjust multiple ways for daylong comfort and support.
- 2. Easy-to-read, high-visibility gauges and warning lamps keep the operator aware of critical system information.
- 3. Speed travel can also be varied to fit specific applications, terrain conditions, or operating preferences.

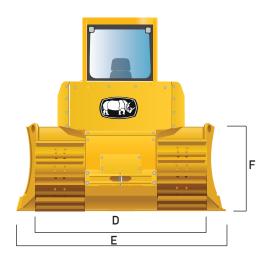


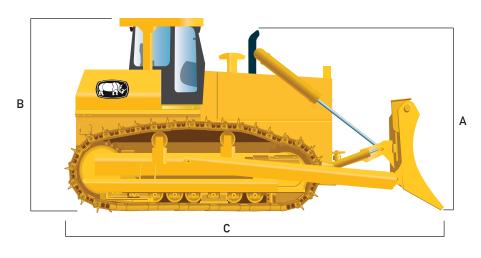
Make/ Engine Mode! Cummins / KTA19-C525 or Rhino Emission Rating (optional) Tier 2 (Tier 3, Tier 4) Cylinders 6 Displacement L (cu. In) 19(1,159) Net Power kW (Hp) © 2,000 rpm 308(43) Net Peak Torque Nm (lb-ft) © 1,400 rpm 1,537(1,134) Fuel System Direct Injection Aspiration Turbocharged, charge air cooled Air Cleaner Under-hood, dual element dry type, restriction indicator on filter housing for service COULING Transition To prive Belt driven Transitions Turbocharged, charge air cooled To prive Powershift, planetary gear and multiple disc clutch, hydraulically actuated, stracks are moved by a central spiral-bevel gear to provide instant powers Type Powershift, planetary gear and multiple disc clutch, hydraulically actuated, semenance Gegear selection lever with linkage mechanism Gegear selection lever with linkage mechanisms	ENGINE		
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Parking Brake Manually activated		hydraulically activated drums on each track for instant stop and reliabili	ty.
	Parking Brake	Manually activate	ed

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HYDRAULICS			
Туре	Gear pump		
Pressure Mpa (psi)	20(2,901)		
Max. Flow L/min (gpm)	264(70)		
Control	Lever control for blade with float mode; lever control for ripper		
ELECTRICAL			
Voltage	24 Volts		
Alternator Rating	50A		
Lights	2 Front lights, 2 Rear lights		
UNDERCARRIAGE			
Track Gauge mm (in)	2,260(89.0)		
Grouser Width mm (in)	610(24.0)		
Chain	Sealed and lubricated		
Shoes, Each Side	40		
Track Rollers, Each Side	7		
Track Length on Ground mm (in)	3,425(134.8)		
Ground Contact Area cm2 (sq.in)	41,785(6,477)		
Ground Pressure Mpa (psi)	0.15(21.8)		
Track Pitch mm (in)	260(10.2)		
Operator Station	ROPS and FOPS		
REFILL CAPACITIES L (gal)			
Fuel Tank	865(229)		
Cooling System	130(34)		
Engine Oil	50(13)		
Transmission Fluid	190(50)		
Hydraulic Tank	170(45)		
Final Drive Case (for both)	140(37)		
OPERATING WEIGHTS			
Blade Type	Semi-U Angle		
Base Weight kg(lb)	49,500(109,129) 49,370(108,842)		
Weight with 3-Shank Ripper kg(lb)	54,700(120,593) 54,570(120,306)		





MACHINE DIMENSIONS		
Blade Type	Semi-U	Angle
A. Overall Height to Top of Exhaust mm (ft)	3,720(12.2)	3,720(12.2)
B. Height to Top of Cab mm (ft)	3,928(12.9)	3,928(12.9)
C. Overall Length mm (ft)	7,092(23.3)	7,092(23.3)
D. Width Over Track mm (ft)	2,870(9.4)	2,870(9.4)
E. Blade Width mm (ft)	4,314(14.2)	5,030(16.5)
F. Blade Height mm (ft)	1,841(6.0)	1,830(6.0)
Tread Depth with Single-Bar Grouser mm (in)	85(3.3)	85(3.3)
Ground Clearance in Dirt mm (in)	600(23.6)	600(23.6)
Length With Ripper mm (ft)	9,716(31.9)	9,716(31.9)
Blade Lift Height mm (in)	1,620(63.8)	1,750(68.9)
Blade Digging Depth mm (in)	749(29.5)	749(29.5)
Blade Cutting-Edge Angle	55 degrees	55 degrees
Blade Capacity m3 (cu. Yd)	14.6(19.1)	14(18.3)
Blade Angle	-	45 degrees
Blade Tilt mm (in)	1,000(39.4)	1,000(39.4)
Minimum Turning Radius mm (ft)	3,800(12.5)	3,800(12.5)
Gradeability	30 degrees	30 degrees
RIPPER		
Single or Multi-shank (3) parallelogram ripper with hydraulic	pitch adjustment and replaceable tips	
Weight kg (lb)	5,200(11,464)	
Max. Penetration mm (in)	870(34.3)	
Max. Clearance Under Tip mm (in)	900(35.4)	
Overall Length Lowered Position mm (in)	2,624(103.3)	
Slope Angle (full raise)	24 degrees	

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BLADES



The attachments shown are for reference only; the final product may be different from the images shown.

For more options contact your nearest dealer.

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