



RS50-S

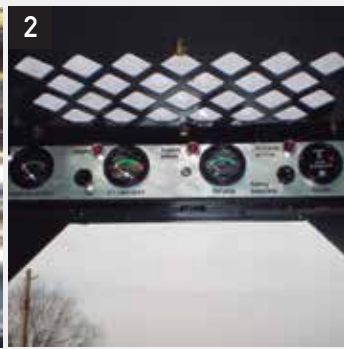
SKID STEER



Lightweight agility, heavyweight ability.



The Rhino Skid Steer Loaders are designed, built, and backed to deliver exceptional performance, versatility, ease of operation, serviceability, and customer support. The RS50-S delivers best-in-class stability, visibility, and serviceability. Lightweight and agile, yet surprisingly powerful, this highly capable compact is the perfect size for confined areas. Easy to transport between jobsites, too.



1. The cab provides a cleaner and quieter operating environment with excellent work tool visibility.
2. Easy-to-read, high-visibility gauges and warning lamps keep the operator aware of critical system information.
3. High performance power train provides maximum performance and production capability.

ENGINE

Engine Make / Engine Model (optional)	Rhino RHIA498BPG-522B / Kohler
Emissions (optional)	Tier3(Tier2, Tier4)
Displacement L (cu. In)	3,16(192.8)
Net Power kW (Hp) @2,500 rpm	45(60)
Max. Torque Nm (ft-lb) (optional) @rpm	193(142)@1,800 / 297(219)@1,550
Rated Engine Speed rpm	2,500
Net Torque Rise (optional) %	13 / 30
Aspiration	Naturally aspirated
Air Cleaner	Dual-stage dry type with evacuator valve on filter housing for service
Discharge Height mm (ft)	2,266(7.4)
Discharge Distance mm (ft)	662(2.2)
Power Type	Diesel
Control Type	Manual Control

COOLING

Fan Drive	Belt Driven
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POWERTRAIN

Type	Hydrostatic radial piston motors, continuous loop chain		
Max. Travel Speeds with 10-16.5 Tires	Forward	Reverse	
Single Speed km/h (mph)	11(7)	11(7)	
Axles	Heat-treated hardened steel, one-piece forged axle shafts with oil-bath lubrication		
Final Drive	High-strength, adjustment-free chain pair in each tandem		
Brakes	Dynamic braking from hydrostatic motors		

HYDRAULICS

Max. Flow L/min (gpm)	80(21.1)
System Pressure Mpa (psi) (optional)	16(2,321) / 21(3,129)
Hydraulic Horsepower Flow kW (Hp)	17(23)

CYLINDERS

Type	Heat-treated, chrome-plated, polished rods, hardened steel pivot pins with replaceable bushings		
	Bore	Diameter	Stroke
Lifting Cylinder (2) mm (in)	80(3.1)	35(1.4)	680(26.8)
Bucket Cylinder (2) mm (in)	80(3.1)	35(1.4)	525(20.7)

ELECTICAL

Voltage	12
Battery Capacity	450CCA
Alternator	50 Amp
Lights	2 front lights, 1 rear light

OPERATION STATION

Type	Open cab with pneumatic jacks and pivot for engine and hydraulic maintenance
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TIRES/WHEELS

Standard Tire Size	10-16.5
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REFILL CAPACITIES L (gal)

Cooling System	10(3)
Engine Oil	7(2)
Chain Oil (each)	13(3)
Fuel Tank	60(16)
Hydraulic System	60(16)

OPERATING WEIGHT

With full fuel tank, 79kg (175lb) operator and standard equipment

Operating Weight kg (lb)	3,100(6.834)
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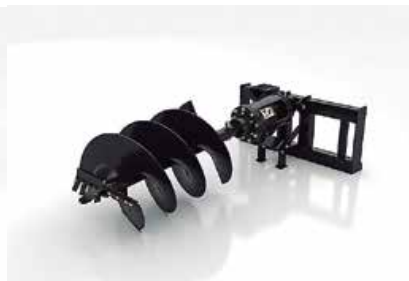
ATTACHMENTS

Rhino Skid Steers come standard with the hydraulic line for attachments

Rhino hydraulic hammer match:254SK



Forks



Augers



General purpose buckets



Hydraulic hammers



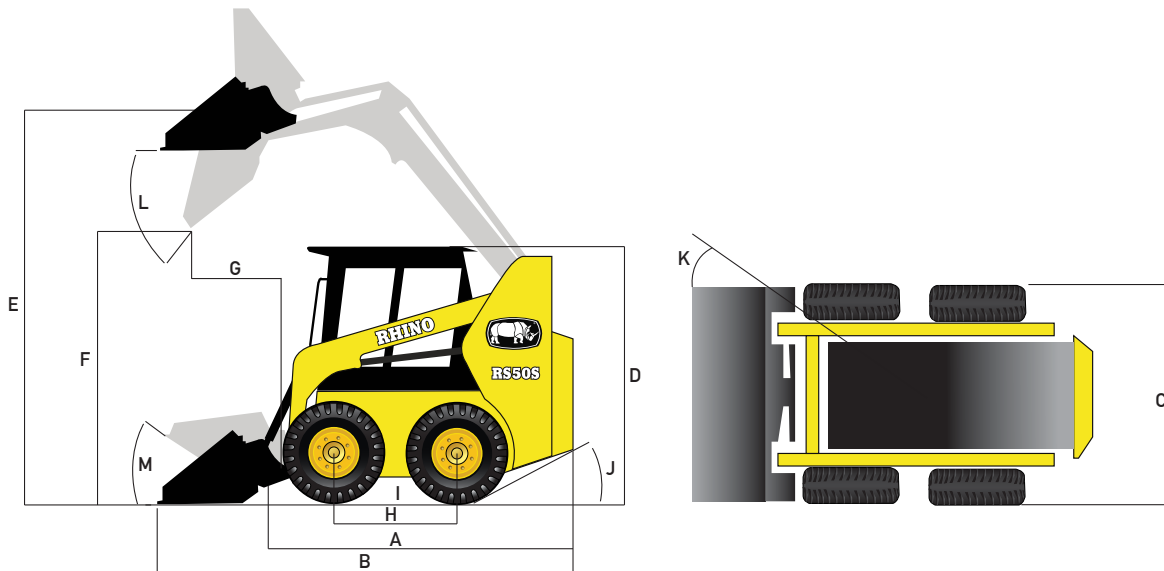
Brooms



Drum compactors

and many more...

Equipment specifications and images may change without notice from Rhino Equipment Group Inc.



MACHINE DIMENSIONS

A. Length without Bucket mm (ft)	2,522(8.3)
B. Length with Standard Bucket mm (ft)	3,348(11.0)
C. Width Over Tires mm (ft)	1,720(5.6)
D. Height to Top of Cab mm (ft)	2,070(6.8)
E. Height to Hinge Pin mm (ft)	3,970(13.0)
F. Dump Height with Standard Bucket mm (ft)	2,100(6.9)
G. Dump Reach with Standard Bucket mm (ft)	750(2.5)
H. Wheelbase mm (ft)	991(3.3)
I. Ground Clearance mm (in)	210(8.3)
J. Angle of Departure (°)	20
K. Front Turn Radius with Standard Bucket mm (ft)	2,027(6.7)
L. Dump Angle (full lift height) (°)	45
M. Bucket Rollback at Ground Level (°)	31
Standard Bucket Width mm (ft)	1,800(5.9)
Overall Width without Bucket mm (ft)	1,730 (5.7)
Max. Operating Height mm (ft)	3,910 (12.8)
Front Turning Radius without Attachments mm (ft)	1,380 (4.5)
Rear Turning Radius mm (ft)	1,527 (5.0)
Tread mm (ft)	1,465 (4.8)

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LOADER PERFORMANCE

Tipping Load kg (lb)	1,500(3.307)
Rated Operating Capacity with Counterweight kg (lb)	1,060(2.337)
Bucket Capacity m3 (cu.Yd)	0,47(0.61)

MACHINE PERFORMANCE

Max. Speed km/h (mph)	11,2(7.0)
Max. Load kg (lb)	1,660(3.660)
Lifting type	Radius
Total Weight with Bucket kg (lb)	3,010(6.636)

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