



# **RAP75T**

**ASPHALT PAVER**



# Versatile Screed Configurations Optimize Job Site Performance.



1. All wheel drive closed-loop control for hydraulic constant speed paving. The paver has good weight distribution over the large track contact area to provide maximum traction and paver stability. Weight and traction balanced with engine power delivers optimum paving performance.

2. Equipped with Rhino engines, the hydraulic extension screed and/or mechanical screed for different road-width paving are equipped with two longitudinal and one transverse automatic levelling probes to meet the high demands of achieving high-grade road smoothness.

3. The Rhino Asphalt Paver with Electronic Control Hydrostatic Sensor are all integrated with advanced components. These pavers are highly adaptable, user friendly, and efficient; suitable for paving highways, or any type of project.

**OPERATING WEIGHT**

Max. Machine Weight Kg (lb)	25,000(55,116)
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**POWER TRAIN**

Engine Make / Model	Rhino SC8D190G2B1
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Net Power kW (Hp) @ 2,300 rpm	174(233)
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Displacement L (cu. In)	7.2(439)
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Emission Rating (optional)	Tier 2 (Tier 3, Tier 4)
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Fuel System	Direct Injection
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Lubrication	Full-flow spin-on filter
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Aspiration	Turbocharged
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Air Cleaner	Under-hood, dual element dry type
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Fan Drive	Belt driven
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Electrical System	12 Volts with 70 Amp alternator
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**PAVER**

Min. Paving Width mm (ft)	3,000(10)
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Max. Paving Width mm (ft)	7,500(25)
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Max. Paving Depth mm (in)	320(13)
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Max. Paving Speed m/min (yd/min)	19(21)
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High Travel Speed kmh (mph)	2.9(2)
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Track Type	Rubber Tracks
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Track Width mm (in)	320(13)
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Brakes	Dynamic Hydrostatic Braking
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Theoretical Productivity t/h (US ton/h)	600(661)
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<b>SPREADING AUGER SECTIONS</b>	<b>Twin Screws</b>
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Diameter mm (in)	400(16)
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<b>HOPPER</b>	<b>Fully articulated, Hydraulic controls</b>
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Length mm (ft)	2,530(8)
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Width Closed mm (ft)	3,042(10)
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Width Open mm (ft)	3,182(10)
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Volume m <sup>3</sup> (cu. Ft)	7.0(247)
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Capacity Tons (lbs)	14(28,000)
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Feeding Conveyors	Dual feeders, Independent control
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**SCREED**

Extension Mode	Mechanical
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Heating Mode	Gas
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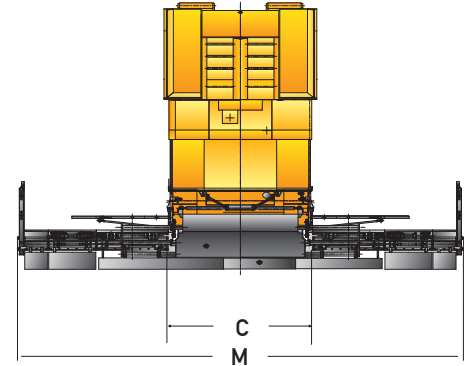
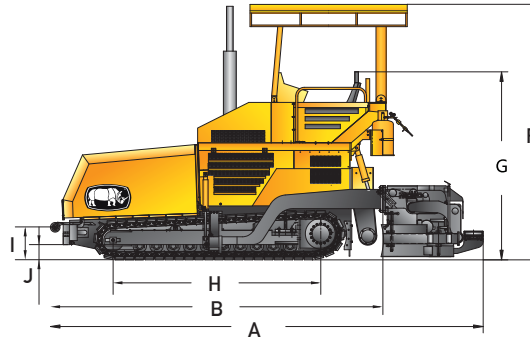
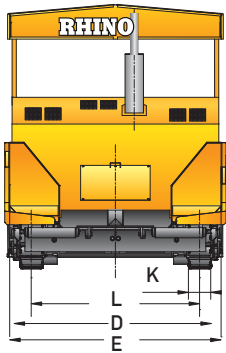
Vibration Frequency Hz (vpm)	50(3,000)
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**HYDRAULIC SYSTEM**

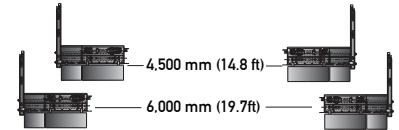
Pump Type	Axial piston pump, Variable displacement
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Driving Type	Axial piston motors, Constant displacement
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System Pressure Mpa (psi)	40(5,802)
<b>REFILL CAPACITIES L (gal)</b>	
Fuel Tank	325(86)
Coolant	20(5)
Engine Oil	18(5)
Hydraulic Tank	300(79)



Screed Extensions



## DIMENSIONS

A. Overall Length with Standard Screed mm (ft)	6,610(21.7)
B. Overall Length without Standard Screed mm (ft)	5,462(17.9)
C. Screed Transport Width mm (ft)	3,042(10.0)
D. Transport Width Hopper Closed mm (ft)	3,042(10.0)
E. Transport Width Hopper Opened mm (ft)	3,182(10.4)
F. Max. Machine Height mm (ft)	4,030(13.2)
G. Transport Height mm (ft)	2,900(9.5)
H. Length of Track on Ground mm (ft)	3,247(10.7)
I. Hopper Ground Clearance mm (in)	508(20.0)
J. Ground Clearance mm (in)	236(9.3)
K. Track Width mm (in)	320(12.6)
L. Track Gauge mm (ft)	2,420(7.9)
M. Max Paving Width mm (ft)	7,500 (25)

Options:

Infrared Heating Screed, Full Hydraulic, Steel Tracks, Auto-Leveling, Wider Screed up to 9.5m (32 ft), Tier 3, Tier 4 Engine.

Compactor operating information is based on machine with identified linkage and standard equipment, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in screed sizes, and different attachments.