



RMU-T30

UNDERGROUND MINING TRUCK





Designed for high-capacity hauling, built with precision

The Rhino RMU-T30 Underground Mining Truck is engineered with advanced features that maximize productivity, increase uptime, and reduce operating costs in demanding underground mining operations. A high-performance powertrain, heavy-duty optimized transmission, and operator-focused controls enable faster haul cycles and exceptional material transport efficiency.



1. Climate-control system with automotive-style adjustable louvers helps keep windows clear and the cab comfortable.
2. Advanced LCD monitor provides intuitive access to a wide range of operational data, diagnostics, and machine functions.
3. Ergonomically positioned controls deliver smooth and predictable handling, reducing operator effort while ensuring precise response during hauling operations.

ENGINE AND POWERTRAIN

Engine model	RHINO RMUT329T / Volvo TAD1352VE
Gross power - VR / Tier 3 kW (HP) @ rpm	329 (441) @ 1,900 / 315 (422) @ 1,900
Displacement L (in ³)	12.78 (780)
Emission standard	China Stage III
Peak torque N·m (lb-ft) @ rpm	2,273 (1,676) / 2,175 (1,604) @ 1,200
Transmission type	Automatic hydrodynamic
Transmission model / Torque converter	DANA Transmission / DANA Converter
Number of gears (Forward / Reverse)	4 Forward / 4 Reverse
Automatic lock-up torque converter	Yes (Torque converter)
Max speed 1st gear km/h (mph)	4.5 (2.8)
Max speed 2nd gear km/h (mph)	9.0 (5.6)
Max speed 3rd gear km/h (mph)	16.0 (9.9)
Max speed 4th gear km/h (mph)	25.0 (15.5)

CAPACITIES AND PERFORMANCE

Rated capacity kg (lb)	30,000 (66,220)
Standard hopper capacity m ³ (yd ³)	15.0 (19.6)
Ejector hopper capacity m ³ (yd ³)	14.8 (19.36)
Empty operating weight - Other engines kg (lb)	31,000 (68,343)
Maximum gross machine weight kg (lb)	61,000 (134,482)
Hydraulic cycle time - (s)	37.0 (Total)
Maximum gradeability - Loaded %	25% (Standard ramp)
Hopper raise time (s)	13.0
Hopper lower time (s)	24.0
Load control (Ride control)	No (Optional)
Approach / departure angle	14°



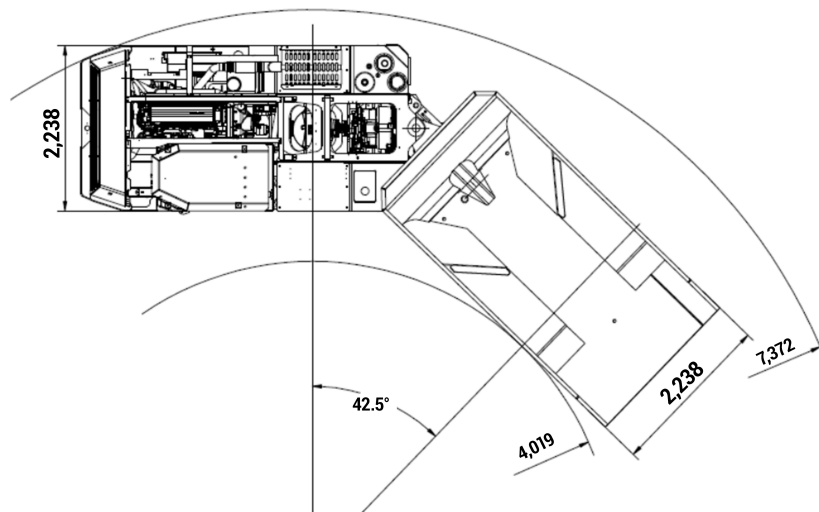
Equipment specifications and images may change without notice from Rhino Equipment®

AXLES, STEERING AND WHEELS

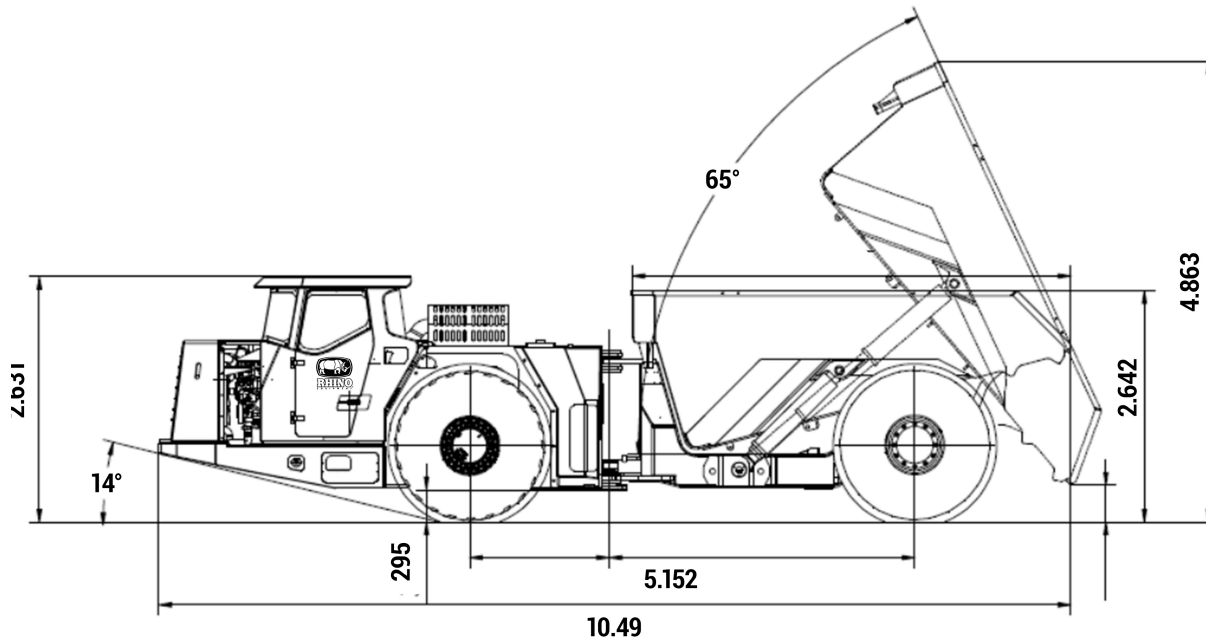
Front and rear axles	Oscillating front axle: Yes
Axle manufacturer / Model (Front and Rear)	Kessler Axles (Germany)
Differential	-
Service brake system (Type)	Hydraulic SAHR
Retarder capacity kW (HP)	ARC Retarder: Not documented
Articulation angle °	42.5°
Oscillation angle °	8°
External turning radius mm (ft)	8,620 (28.28)
Internal turning radius mm (ft)	4,756 (15.60)
Tires (in)	26.5 × R25

HYDRAULIC SYSTEM AND REFILL L (gal)

Hydraulic cylinder configuration	2 Double-acting steering cylinders + 2 Body hoist cylinders
Main pump flow L/min (gpm)	154 (40.7)
System relief pressure bar (psi)	207 (3,000)
Hydraulic pump type	Gear Pump
Fuel tank L (gal)	530 (140.0)
DEF / AdBlue tank (Stage V engines) L (gal)	(Optional)
Hydraulic tank L (gal)	530 (140.0)
Engine oil pan with filter L (gal)	38 (10.0)
Cooling system	Water (Liquid)
Transmission L (gal)	53 (14.0)
Front differentials and final drives L (gal)	46 (12.2)
Rear differentials and final drives L (gal)	51 (13.5)



Equipment specifications and images may change without notice from Rhino Equipment®



OVERALL DIMENSIONS mm (in)

Cab certifications (ROPS ISO 3471 / FOPS ISO 3449)	Enclosed cab A/C/ROPS
Cab safety equipment	Laminated safety glass + Integrated emergency exit
Height - Top of empty hopper mm (in)	2,642 (104.0)
Height - Top of ROPS mm (in)	2,631 (103.6)
Height - Hopper load line (Std) mm (in)	2,646 (104.2)
Ground clearance mm (in)	295 (11.6)
Length - Maximum overall mm (in)	10,490 (413.0)
Length - Wheelbase mm (in)	5,152 (202.8)
Width - Machine with standard hopper mm (in)	2,906 (114.4)
Maximum height with hopper fully raised mm (in)	4,863 (191.5)
Maximum dump / discharge angle °	65°
Minimum working tunnel cross-section (W x H) m (ft)	4.5 x 4.5 (14.8 x 14.8)

Equipment specifications and images may change without notice from Rhino Equipment®