



K-Tec 1243 ADT

> **The K-Tec 1243 ADT** is designed for self-loading with a 50-ton, 500+ horsepower rock truck and features larger tires for better floatation, fast hydraulics, a heaped capacity of 43 yards, and joy-stick scraper control. Working with a 6-wheel drive ADT truck and our proprietary gooseneck hitching system means more power to the ground, a smooth ride, and a functional rock truck for your fleet.

GROUND BREAKING.



K-Tec 1243 ADT

Working with a 6-wheel drive ADT truck and our proprietary gooseneck hitching system means the K-Tec 1243 ADT has more power to the ground and a smooth ride, and adds a functional rock truck to your fleet. The K-Tec 1243 ADT bolts together and is able to ship by sea container.

1243 ADT SPECIFICATIONS

	STANDARD	METRIC
Horsepower Required		
Self Loading	50Ton or 500HP	45Tonne or 373KW
Push Loading	40Ton or 400HP	36Tonne or 298KW
Bucket Dimensions	12'W x 5'H x 14'0.5"L	3.66 m W x 1.52 m H x 4.39 m L
Rack Height (Tiltable)	4' 6"	1.37 m
Struck Capacity	27.44 Cubic Yards	20.98 Cubic Metres
Heaped Capacity (ISO Rated)	43 Cubic Yards	32.88 Cubic Metres
Cutting Width	14'	4.27 m
Overall Width	14'	4.27 m
Gate Opening	90"	2.29 m
Transport Cutting Edge Clearance	30"	0.76 m
4 Tires	29.5" x 25" (E-3/L-3)	29.5" x 25" (E-3/L-3)
Radial Tires	Optional	Optional
Laser Bracket Mount	Standard	Standard
Overall Length	40' 6"	12.34 m
Ball to Rear Axle Length	32' 6"	9.91 m
Weight Distribution	30% Hitch - 70% Scraper Axle	30% Hitch - 70% Scraper Axle
Shipping Weight	41,728 lbs	18,928 kg
Gate Cylinder	5" x 34"	0.127 m x 0.864 m
Lift Cylinder	6" x 41"	0.152 m x 1.041 m
Ejector Cylinder 1	5" x 88"	0.127 m x 2.235 m
Ejector Cylinder 2	4" x 28"	0.102 m x 0.711 m
Cutting Edge	3 - Piece Blade	3 - Piece Blade
Wrap Around Mud Scrapers	Standard	Standard
Ride Control	Standard	Standard
Push Block	Standard	Standard
Dolly Hitch Pole	Optional	Optional

Our groundbreaking innovations:

LUBE TEC[®] ONE-MINUTE GREASE POINTS

While the competitors' scrapers require 12-25 grease points to be serviced twice daily, K-Tec earthmovers can be serviced in only minutes per day. With only two easy access grease points that require servicing once a day, the other four grease points, which are on the rear axle, only require greasing every 250 hours or every three weeks. Greaseless bushings on all of our other hinge points can run up to 1200 hours before needing to be replaced. This means your labour hours are dedicated to loading instead of maintaining.

TENSILE TEC[®] HIGH TENSILE STEEL PLATING

Years of field trials and materials performance analysis has enabled K-Tec to develop manufacturing and reinforcing techniques that make for the most durable pan scraper available. Reinforcement with high tensile wear and structural steel in critical stress areas has established a PSI stress standard which is significantly greater than many competing scrapers.

LOAD TEC[®] OPTIMAL WEIGHT DISTRIBUTION SYSTEM

K-Tec's hitching systems distribute load weight to take greatest advantage of the pulling unit's power while minimizing stress on the hitching tongue. With most of our earthmovers, 75% of the weight is transferred to the scraper's axles, placing less stress on the tractor's rear axle.

Our LOAD TEC[®] ADT (Articulating Dump Truck) series enables contractors who prefer ADTs to harness the efficiency of a K-Tec earthmover while adding a functional rock truck to their fleet. Some of the advantages of pulling with an ADT include: speeds in excess of 30 mph, smooth ride, fast hydraulics, and an automatic transmission (requiring a less experienced operator). For the ADT series, we've developed a gooseneck hitch pole and quick attach hook so that 30% of the scraper's load weight is transferred directly to the point where the truck is designed to carry weight.

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