



# 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.

**GROUNDBREAKING.**



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

### Our groundbreaking innovations:

#### LUBE TEC<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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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