



# K-Tec 1453



The **K-Tec 1453** has the ability to haul as much as 53 yards in a single pan, has a loading speed that amazes users and consistently wins field trials, is fabricated tough enough to take a dozer push, has unmatched fuel efficiency, and floatation *over* mud instead of through it. Our groundbreaking innovations have made our scrapers the most productive and profitable option around.

## GROUNDBREAKING.





## K-Tec 1453

This mass dirt hauler is for million yard jobs where earth needs to be moved a mile or more. Designed for push loading, it also offers the option of top loading. This 53-yard heaped capacity bowl works in all soil conditions. The K-Tec 1453 bolts together and is able to ship by sea container.

### 1453 SPECIFICATIONS

#### STANDARD

#### METRIC

1453 SPECIFICATIONS	STANDARD	METRIC
Horsepower Required	500 HP+	373 KW+
Bucket Dimensions	14' W x 5' H x 16' L	4.27 m W x 1.52 m H x 4.88 m L
Rack Height (Automatic Dumping Action)	4'	1.22 m
Struck Capacity	30 Cubic Yards	22.94 Cubic Metres
Heaped Capacity (ISO Rated)	53 Cubic Yards	40.52 Cubic Metres
Cutting Width	16'	4.88 m
Overall Width	16'	4.88 m
Gate Opening	93"	2.63 m
Transport Cutting Edge Clearance	30"	0.76 m
4 Tires	29.5" x 29" (E-3/L-3)	29.5" x 29" (E-3/L-3)
Radial Tires	Optional	Optional
Max Load Rating	128,000 lbs	58,000 kg
Laser Bracket Mount	Standard	Standard
Overall Length	43' 6"	13.26 m
Hitch Pin to Axle Length	36'	10.97 m
Weight Distribution	Tongue: 22%, Wheels: 78%	Tongue: 22%, Wheels: 78%
Shipping Weight	42,170 lbs	19,128 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 76"	0.127 m x 1.93 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	Optional	Optional
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 strength 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.

For the K-Tec 1453, we have designed a special hitch that hooks up in front of the tractor's rear axle so our 53-yard pan actually puts less stress on the tractor and hitch than some of our competitors' 18-yard pans. Our LOAD TEC® system also includes us working with you to ensure equal pull occurs between the front and rear axle of the tractor. This balancing of the tractor is achieved by adding weight to the front of the tractor, which minimizes the stress placed on the rear axle.

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