

ENGINEERED TO PERFORM,  
BUILT TO LAST.



1228, 1233, 1236, 1228 TANDEM, 1233 TANDEM

## DIRECT MOUNT SCRAPERS



# SCRAPERS BUILT FOR CONSTRUCTION

Over the past twenty-four years, K-Tec has been innovating the earthmoving industry. It all started with the inventive mind of founder Ken Rempel who designed and created a new level of earthmoving scraper to improve the production efficiency of his own earthmoving crew. This passion for new solutions birthed a new breed of pull pan scraper truly built for

heavy construction. With their increased capacity and improved loading ease, K-Tec scrapers have been proven on mass excavation sites around the world. We invite you to discover what your earthmoving fleet can do for you when you see the impressive versatility, durability, and efficiency of the K-Tec scraper solution.





As we celebrate 25 years of innovation, K-Tec continues to push the limits of what's possible in the world of earthmoving. Our eyes are set on the future, where sustainability, automation, and unparalleled efficiency drive every new design. We are committed to shaping a better, more efficient world for the next generation of earthmovers.

# COMPARING THE K-TEC SOLUTION

When it comes to large earthmoving projects, it's all about choosing the right tool for the job. The cost per cubic yard / cost per cubic meter of an earthmoving solution plays a huge factor in determining your next earthmoving equipment rental or purchase. Whether you are in construction or mining, if you're performing any mass excavation

project, the K-Tec scraper is the machine you need in your fleet. K-Tecscrapers have been proven to increase productivity, speed and efficiency when compared to a variety of other earthmoving solutions. Not only do our customers experience faster cycle times, they also love the versatility and durability of the K-Tec scraper solution.

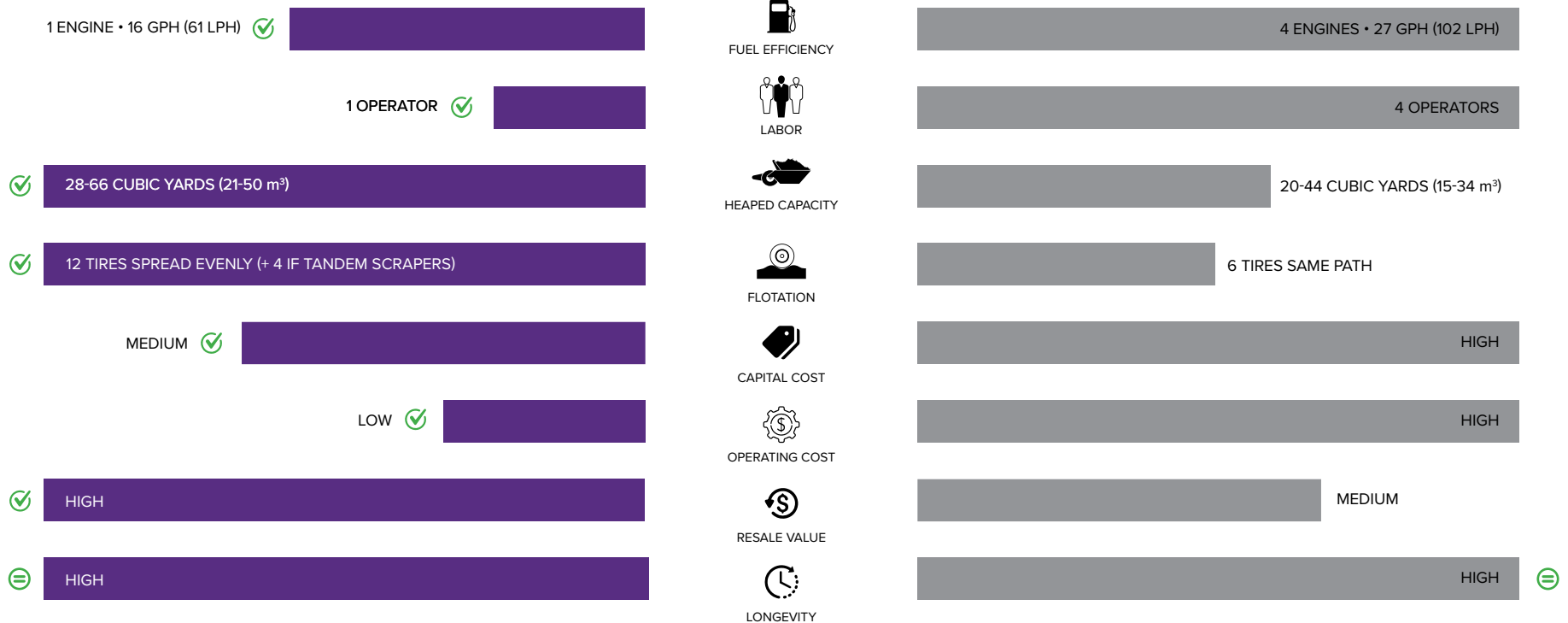


**K-TEC SCRAPERS + TRACTOR**

**VS.**



**EXCAVATOR + ARTICULATED DUMP TRUCKS + DOZER**



All figures are for comparison purposes only. Results may vary.





## ONE MACHINE TO MOVE IT ALL

Excavators, rock trucks and dozers have their place in an earthmoving fleet, but all too often they are used for jobs where a K-Tec scraper would far out perform them. With faster self loading times, smooth unloads and less operating cost, the K-Tec solution saves you time and money.

## FUEL EFFICIENCY

With an excavator, rock trucks and dozer you're running 4 pieces of equipment needing 4 engines to perform the same task that one machine can do. K-Tec saves you fuel costs by pulling our scrapers behind a single tractor with a fuel consumption average of 16 GPH (61 LPH).

## LESS LABOR

Only one operator's wages are needed for loading, transporting and ejecting up to 66 cubic yards (50 m<sup>3</sup>) in a single pass.

## MORE CAPACITY

Capacity has become a major factor on construction jobs. K-Tec builds the largest pull pan scraper on the market and offers massive payloads with scrapers in tandem configuration. By keeping costs low, it has enabled our customers to be superior in the industry.

## SMOOTH UNLOAD

The fill zone is often neglected in terms of determining job site efficiency. The K-Tec scraper can be set to a desired depth and then the material can be smoothly ejected making for less time spent pushing piles around with a dozer in the fill zone.



# K-TEC SCRAPER VS. MOTOR SCRAPER

The motor scraper has long been a staple in earthmoving fleets, but it's lack of efficiency, versatility, and operator comfort have begun to leave it in the dust. With rising fuel, operating, and capital costs, more contractors are recognizing the advantages of the K-Tec ADT scraper, which delivers greater productivity and adaptability at a lower cost.



## LOADING EFFICIENCY

With 8 wheels of tractive effort and optimal loading geometry, K-Tec scrapers load in just 30-45 seconds. While motor scrapers in push-pull systems may seem efficient, they often create delays as one waits for the other to return from unloading. Moreover, it takes 4 engines to load less than what 2 K-Tec scrapers in tandem can achieve with just a tractor equipped with an Ox Block or a dozer assisting.

## OPERATOR FRIENDLY

Motor scrapers are notoriously rigid and uncomfortable to drive for long periods. Pairing a K-Tec Scraper with the comfortable cab of tractor significantly decreases operator fatigue and increases productivity. With just 5 daily grease points and grease-less bushings lasting up to 1200 hours, K-Tec scrapers minimize downtime and maximize efficiency.

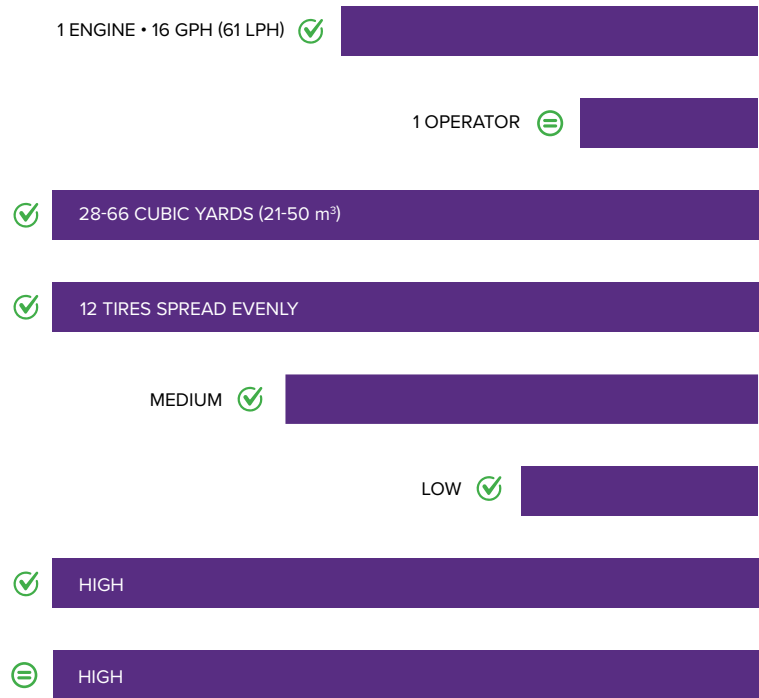
## VERSATILITY

With a tractor in your earthmoving fleet you now have a machine that can be used as a scraper or be put to work on other tasks such as land leveling, soil mixing, or compaction.

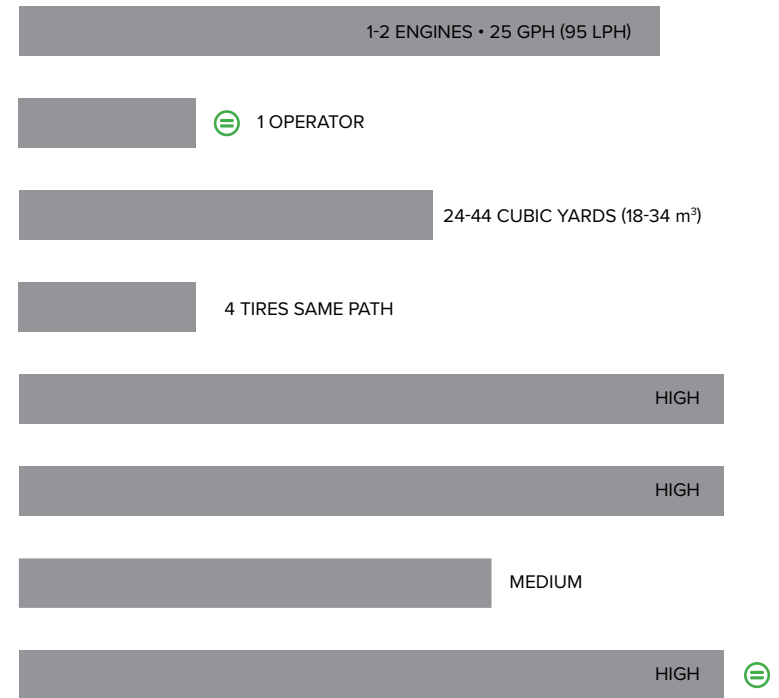




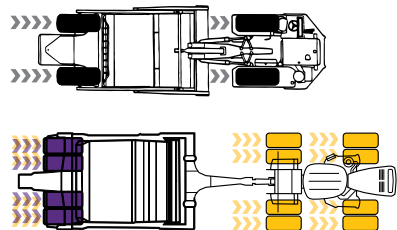
**VS.**



- FUEL EFFICIENCY
- LABOR
- HEAPED CAPACITY
- FLOTATION
- CAPITAL COST
- OPERATING COST
- RESALE VALUE
- LONGEVITY



All figures are for comparison purposes only. Results may vary.



## FLOTATION & COMPACTION

Unlike traditional motor scrapers with only 4 tires, the K-Tec and tractor combination has 12 tires spaced evenly across the machine, providing maximum flotation in underfoot conditions. With 4 tires on the rear, K-Tec reduces rolling resistance while compacting the smoothly ejected material. In the event that a tire needs replacement, K-Tec's common tire size costs you less, ensuring lower operating costs without compromising performance.

# K-TEC SCRAPER VS. COMPETITOR PULL PANS

Scrapers have come a long way over the past years. As tractors have increased in horsepower the demand for larger and more robust earthmoving machines has grown. K-Tec is proud to be a leading innovator of tractor towed scraper technology. Despite criticism from those who believe that large 4WD tractors are not made for the

construction environment, the K-Tec solution has proven that they do in fact have their place and can be highly effective in earthmoving applications. K-Tec has spent the last 23 years listening to customer feedback and implementing fresh ideas to ensure that our machines stand above the competition.



## K-TEC SCRAPERS + TRACTOR

1 ENGINE • 16 GPH (61 LPH)



1 OPERATOR



28-66 CUBIC YARDS (21-50 m<sup>3</sup>)



12 TIRES SPREAD EVENLY (+ 4 IF TANDEM SCRAPERS)



MEDIUM



LOW



HIGH



HIGH



# VS.



## COMPETITOR PULL PAN SCRAPERS

FUEL EFFICIENCY



1 ENGINE • 16 GPH (61 LPH)

LABOR



1 OPERATOR

HEAPED CAPACITY



18-60 CUBIC YARDS (13-46 m<sup>3</sup>)

FLOTATION



8-12 TIRES SPREAD EVENLY

CAPITAL COST



LOW

OPERATING COST



MEDIUM

RESALE VALUE



LOW

LONGEVITY



MEDIUM

All figures are for comparison purposes only. Results may vary.





# POWER UNIT COMPARISON

## ARTICULATED DUMP TRUCK VS. TRACTOR



### BENEFITS OF ARTICULATED DUMP TRUCKS

- » Designed to carry more weight and can easily handle the 30% that is transferred to the hitch
- » Able to travel at higher haul road speeds
- » Tried and tested construction machine
- » Machine longevity is much higher than the average tractor
- » Usually already part of a construction fleet
- » Can be converted back to dump truck use for ultimate fleet versatility
- » In-cab camera displays for forward facing loading visibility
- » More traction with 6 wheel drive
- » Truck can easily be sold back into the market with a dump body
- » Larger hydraulic capabilities means faster scraper functions



### BENEFITS OF TRACTORS

- » Tractors put more power to the ground
- » Scraper pulls from a more efficient angle
- » Better flotation with large tires or tracks
- » Superior scraper visibility even in dusty conditions as cutting blade can be seen directly from the cab
- » Higher horsepower tractor options
- » Tractors can be sold into the ag market for a second life after scraper towing useful hours are passed
- » Hand-controlled throttles and transmission make for consistent loading conditions
- » Can pull other earthmoving implements such as levelers, packers, rollers and construction disc harrows

# POWER UNIT COMPATIBILITY

K-Tec scrapers may be pulled behind a wide variety of power unit models. Since K-Tec isn't exclusive to a single power unit manufacturer, contractors can convert their existing machines to pull K-Tec earthmovers. Listed below are some of the popular power unit manufacturers that are compatible with K-Tec scrapers.







## TRACTOR HITCHES

K-Tec direct mount hitches are customized for various power units, supporting optimal weight transfer for reduced tractor wear and improved loading performance. Shown above are some of our most popular hitches; contact your dealer or a K-Tec sales representative for a complete list of compatible tractors.

## AG RECEIVER

Designed with simplicity and functionality in mind, K-Tec offers multiple ag receiver configurations consisting of long or short style and category 4 or 5 pin sizes. A K-Tec hitch can be converted into a standard ag receiver in 4 simple steps.

1

Place pin through ag receiver

2

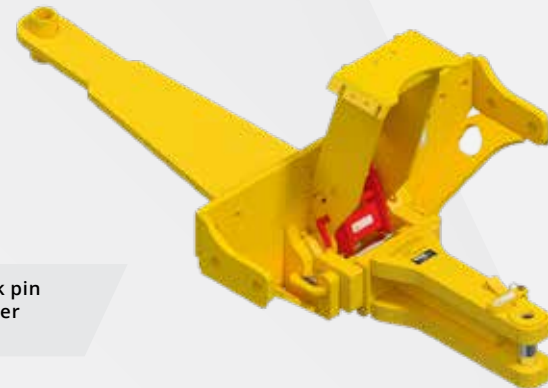
Unclip and remove lock pin

3

Seat ag receiver

4

Install lock pin and retainer clip



# THE K-TEC ADVANTAGE

K-Tec's purpose-built scrapers have superior durability. From the sweltering sand of Saudi Arabia to the frigid, wind-swept ice runways of Antarctica, our scrapers are built to handle the harshest conditions on the planet. K-Tec scrapers require minimal maintenance with sensational serviceability, backed by a 3-year structural warranty\* for peace of mind and maximum uptime.



## WARRANTY

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Our scrapers are backed by a 3-year structural / 1-year parts and labor warranty\*. Our confidence in high tensile steel provides security for your earthmoving investment.



## WEIGHT TRANSFER

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K-Tec developed a hitch pole and quick attach hook-up allowing approximately 25% of the scraper's load weight to be transferred directly to the point where the tractor is designed to carry weight.



## LOW MAINTENANCE

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Only 6 total grease points and greaseless bushings allowing an average of 1200 hours before replacement for minimal downtime, maximizing productivity.



## HIGH TENSILE STEEL

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Using Hardox® and Strenx® steel technologies allows K-Tec to build stronger and lighter scrapers than competitors.



## CONTAINER SHIPPING

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Several K-Tec models feature a bolt-together design which can fit in a single 40 ft. high-cube container for international shipping.



## GPS/LASER READY

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K-Tec scrapers are GPS and Laser ready for the efficient excavation and placement of bulk material to meet job site specifications.



## CUSHION RIDE

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Automatic Cushion Ride System offers a smoother ride and reduces damage to equipment.



## EASY LOADING

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K-Tec's scraper configuration, ideal cutting blade design, and bowl dimensions are the ultimate in loading efficiency.

\*Terms and conditions apply, contact K-Tec for details.





## TANDEM SCRAPERS

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K-Tec scrapers offer significant advantages over several of its competitor scrapers by allowing tandem operation behind a single power unit, eliminating the need for an additional power unit and reducing labor and fuel costs associated with operating two machines.

## ISO 9001

### CERTIFIED

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The K-Tec factory is ISO 9001 certified, guaranteeing a high quality of service and products



### CERTIFIED

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All K-Tec models are CE certified to meet the high standard of European compliance



### VERSATILITY

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Modular design gives you the versatility to change power units regardless of brand or application.





# EVERY JOBSITE

At K-Tec, we recognize that every earthmoving project is unique. That's why we're committed to delivering innovative solutions tailored to any application. We listen to your specific needs and offer custom options to ensure your job is done right. With flexibility and a customer-first approach, K-Tec is here to assess and meet your earthmoving requirements. Our scrapers have transformed landscapes worldwide, enhancing quality of life in applications like these:



## SITE PREPARATION

- Commercial & Residential Developments
- Ranch Acreages
- Cattle Feedlots
- Oil Field Preparation
- Warehouse Distribution & Data Center Foundations
- Factory & Campus Foundations



## AGRICULTURE

- Stripping Topsoil
- Precision Drainage & Leveling
- Barn Lagoons
- Retention Ponds
- Shrimp Ponds



## LAND FORMATION

- Wildlife Reserves
- Creation of Levees for Flood Protection
- Golf Course Development
- Landfill Development
- Solar Fields & Wind Farms



## ROAD BUILDING

- Interstate Highway Expansions & Repair
- Suburban Residential Roads
- Access, Service & Haul Roads
- Airport Runway Expansions



## MINING

- Stripping Overburden
- Mine Reclamation
- Haul Road Smoothing
- Gold, Salt, Lithium, Potash, Aggregate, Clay & Bauxite
- Transporting Gypsum Rock for processing



## COAL PROCESSING

- Coal Gob
- Coal Fines
- Coal Fly Ash
- Raw Coal

**K-TEC 1236 + CASE 580 QUADTRAC**  
Moving Topsoil in MINNESOTA, USA



▶  
**WATCH THIS  
1236 IN  
ACTION**



## **YOUR SOIL OUR SOLUTION**

K-Tec scrapers have many uses for earthmoving projects across a variety of soil types. Our scrapers excel in many soil applications including sand, coal, hardpan, gypsum, clay, topsoil, silt, loam, granite, salt and more.







# 1228

The K-Tec 1228 is a fast-loading, lightweight earthmover, making it one of K-Tec's most popular models. The solid-welded, rigid-frame 1228 scraper has a heaped capacity of 28 cubic yards / 21.4 cubic metres. The 1228 has proven results in all conditions while being proficient in low-ground pressure or sandy soil. The versatility of this scraper makes it an extremely attractive solution for any earthmoving project.

Stripping topsoil in **WISCONSIN, USA**



Topsoil • Canada



Topsoil • Minnesota, USA



Clay • Tennessee, USA

## 1228 Specs

### GENERAL SPECIFICATIONS

#### Heaped Capacity (ISO)

28 yd<sup>3</sup> ..... 21.4 m<sup>3</sup>

#### Struck Capacity

18.5 yd<sup>3</sup> ..... 14.1 m<sup>3</sup>

#### Max Loading Rating

68,000 lb ..... 30,844 kg

#### Cutting Width

12' ..... 3.66 m<sup>3</sup>

#### Horsepower Required

300HP + ..... 220 kW+

#### Turning Radius

26' ..... 7.92 m

### TRANSPORT DIMENSIONS

#### Overall Width

14' ..... 4.27 m

#### Overall Height

8' 10" ..... 2.68 m

#### Overall Length

36' 7" ..... 11.55 m

#### Shipping Weight

29,550 lb ..... 13,403 kg



### Minimal Maintenance

Grease-less bushings and only 6 grease points.



### High Tensile Steel

Hardox / Weldox steel technology makes stronger and lighter scrapers.



### Weight Transfer

The hitch transfers 25% of the scraper's weight to the truck for improved traction.



### Cushion Ride

Experience a smoother ride and reduce equipment wear.



### 3 Year Warranty

Industry leading 3 year structural / 6 month parts and labor warranty.



### Shipping

Available for RoRo (roll-on / roll-off) international shipping.

See complete detailed specifications on pages 56 + 57





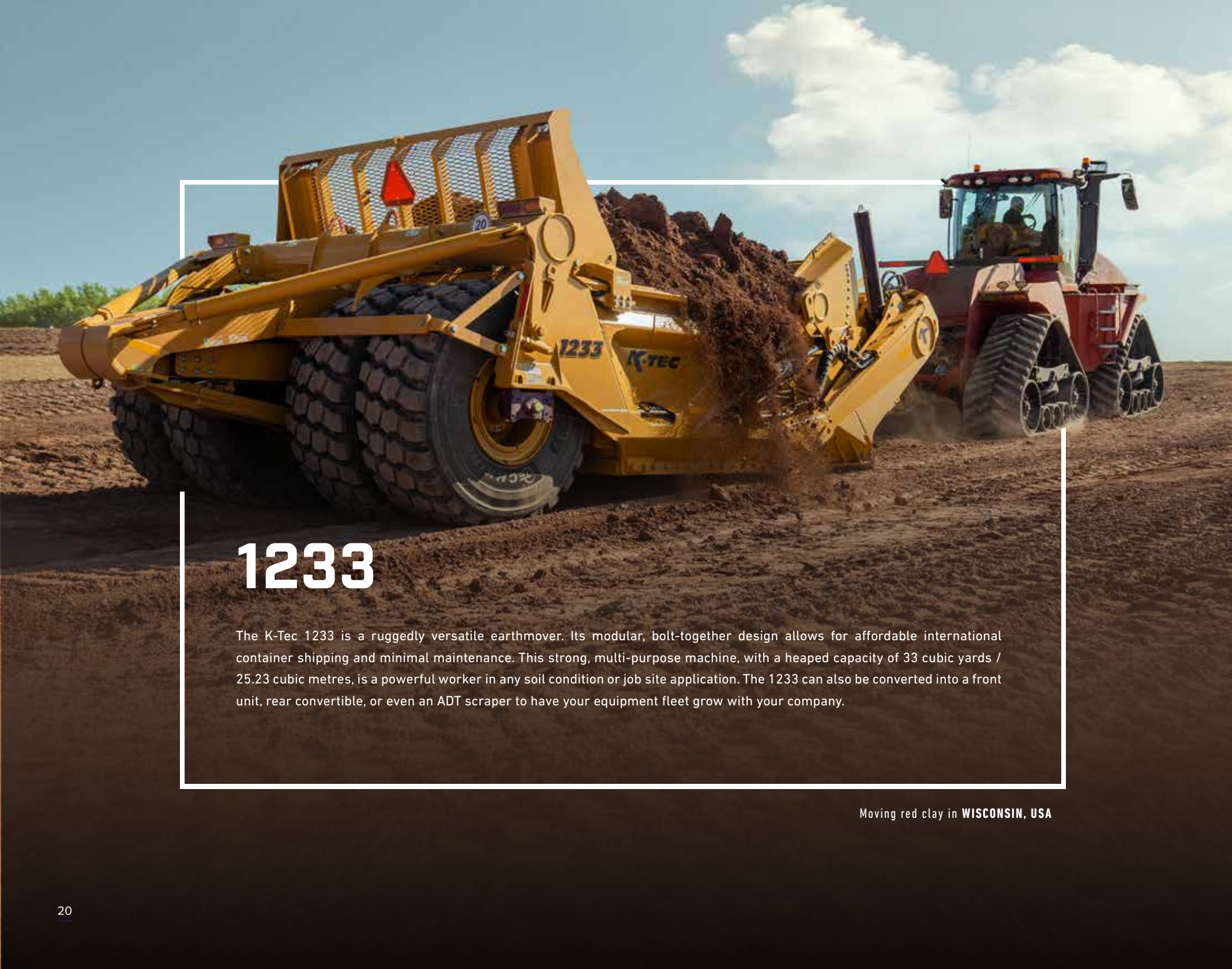




# 1228 OFFSET WHEELS

The offset wheels option for the K-Tec 1228 prevents material from pushing ahead of the tire in soft conditions, reduces mud build up and provides excellent flotation.





# 1233

The K-Tec 1233 is a ruggedly versatile earthmover. Its modular, bolt-together design allows for affordable international container shipping and minimal maintenance. This strong, multi-purpose machine, with a heaped capacity of 33 cubic yards / 25.23 cubic metres, is a powerful worker in any soil condition or job site application. The 1233 can also be converted into a front unit, rear convertible, or even an ADT scraper to have your equipment fleet grow with your company.

Moving red clay in **WISCONSIN, USA**



## 1233 Specs

### GENERAL SPECIFICATIONS

#### Heaped Capacity (ISO)

33 yd<sup>3</sup> ..... 25.23 m<sup>3</sup>

#### Struck Capacity

19.7 yd<sup>3</sup> ..... 15.06 m<sup>3</sup>

#### Max Loading Rating

80,000 lb ..... 36,287 kg

#### Cutting Width

12' ..... 3.66 m<sup>3</sup>

#### Horsepower Required

350HP + ..... 257 kW+

#### Turning Radius

26' ..... 7.92 m

### TRANSPORT DIMENSIONS

#### Overall Width

14' ..... 4.27 m

#### Overall Height

10' ..... 3.04 m

#### Overall Length

38' 5" ..... 11.71 m

#### Shipping Weight

36,881 lb ..... 16,729 kg



### Minimal Maintenance

Grease-less bushings and only 6 grease points.



### High Tensile Steel

Hardox / Weldox steel technology makes stronger and lighter scrapers.



### Weight Transfer

The hitch transfers 25% of the scraper's weight to the truck for improved traction.



### Cushion Ride

Experience a smoother ride and reduce equipment wear.



### 3 Year Warranty

Industry leading 3 year structural / 6 month parts and labor warranty.



### Shipping

Available for containerized international shipping.

See complete detailed specifications on pages 56 + 57









▶  
WATCH THIS  
1233 IN  
ACTION







# 1236

The K-Tec 1236 is the owner-operator's dream machine. Its welded frame and classic design has the best load-to-weight ratio and the lowest cost per yard of any K-Tec model available. The deep bowl of the 1236 contains up to a heaped capacity of 36 cubic yards / 27.5 cubic metres of stackable materials, such as clay. The cost-effective 1236 is thoughtfully designed for a wide variety of earthmoving applications.

Hauling topsoil in **WISCONSIN, USA**



Topsail - South Dakota, USA



Topsail - Wisconsin, USA



Topsail - Minnesota, USA

## 1236 Specs

### GENERAL SPECIFICATIONS

#### Heaped Capacity (ISO)

36 yd<sup>3</sup> ..... 27.5 m<sup>3</sup>

#### Struck Capacity

24 yd<sup>3</sup> ..... 18.35 m<sup>3</sup>

#### Max Loading Rating

86,400 lb ..... 39,191 kg

#### Cutting Width

12' ..... 3.66 m<sup>3</sup>

#### Horsepower Required

400HP + ..... 294 kW+

#### Turning Radius

26' ..... 7.92 m

### TRANSPORT DIMENSIONS

#### Overall Width

13' 10" ..... 4.22 m

#### Overall Height

10' 1" ..... 3.09 m

#### Overall Length

36' 10" ..... 11.23 m

#### Shipping Weight

30,520 lb ..... 13,843 kg



### Minimal Maintenance

Grease-less bushings and only 6 grease points.



### High Tensile Steel

Hardox / Weldox steel technology makes stronger and lighter scrapers.



### Weight Transfer

The hitch transfers 25% of the scraper's weight to the truck for improved traction.



### Cushion Ride

Experience a smoother ride and reduce equipment wear.



### 3 Year Warranty

Industry leading 3 year structural / 6 month parts and labor warranty.



### Shipping

Available for RoRo (roll-on / roll-off) international shipping.

See complete detailed specifications on pages 56 + 57





# 1228 TANDEM

The K-Tec 1228 Tandem doubles efficiency by pulling two solid-welded, rigid-frame 1228 scrapers with a single power unit and one operator. On job sites with a longer cut zone, a massive advantage is gained to provide a tandem heaped capacity of 56 cubic yards / 42.8 cubic metres. The 1228 Tandem provides a pair of fast-loading, light-weight earthmovers. This configuration has an added advantage since it can split into singles on your job site as conditions change.

Hauling sand in **CALIFORNIA, USA**





Sand • Australia



Clay • Louisiana, USA



Clay • Minnesota, USA

## 1228 Tandem Specs

### GENERAL SPECIFICATIONS

Heaped Capacity (ISO)

56 yd<sup>3</sup> ..... 42.8 m<sup>3</sup>

Struck Capacity

37 yd<sup>3</sup> ..... 28.2 m<sup>3</sup>

Max Loading Rating

136,000 lb ..... 61,688 kg

Cutting Width

12' ..... 3.66 m<sup>3</sup>

Horsepower Required

450HP + ..... 331 kW+

Turning Radius

26' ..... 7.92 m

### TRANSPORT DIMENSIONS

Overall Width

14' ..... 4.27 m

Overall Height

8' 10" ..... 2.68 m

Overall Length

36' 7" / 34' 11" ..... 11.15 m / 10.64 m

Shipping Weight

32,550 lb / 31,500 lb ..... 13,403 kg / 14,288 kg



### Minimal Maintenance

Grease-less bushings and only 6 grease points per scraper.



### High Tensile Steel

Hardox / Weldox steel technology makes stronger and lighter scrapers.



### Weight Transfer

The hitch transfers 25% of the scraper's weight to the truck for improved traction.



### Cushion Ride

Experience a smoother ride and reduce equipment wear.



### 3 Year Warranty

Industry leading 3 year structural / 6 month parts and labor warranty.



### Shipping

Available for RoRo (roll-on / roll-off) international shipping.

See complete detailed specifications on pages 56 + 57



A yellow K-Tec 1233 Tandem scraper is shown in operation on a construction site, pulling two 1233 scrapers. The machine is loaded with brown topsoil. In the background, a red tractor is visible. The sky is blue with scattered white clouds. The scene is set in Nebraska, USA.

# 1233 TANDEM

The K-Tec 1233 Tandem doubles efficiency by pulling two 1233 scrapers with a single power unit and one operator. On job sites with longer cut-zone and haul road areas, a massive advantage is gained to provide a tandem heaped capacity of 66 cubic yards / 50.46 cubic metres. The 1233 Tandem provides impressive production performance at the end of the day. This configuration has an added advantage since it can split into singles on your job site as conditions change.

Hauling topsoil in **NEBRASKA, USA**



Topsoil • Kansas, USA



Topsoil • North Dakota, USA



Clay • Canada

## 1233 Tandem Specs

### GENERAL SPECIFICATIONS

Heaped Capacity (ISO)

66 yd<sup>3</sup> ..... 50.46 m<sup>3</sup>

Struck Capacity

39.4 yd<sup>3</sup> ..... 30.12 m<sup>3</sup>

Max Loading Rating

160,000 lb ..... 72,574 kg

Cutting Width

12' ..... 3.66 m<sup>3</sup>

Horsepower Required

450HP + ..... 331 kW+

Turning Radius

26' ..... 7.92 m

### TRANSPORT DIMENSIONS

Overall Width

14 ..... 4.27 m

Overall Height

10' ..... 3.04 m

Overall Length

38' 5" / 36' 10" ..... 11.71 m / 11.23 m

Shipping Weight

37,831 lb / 38,747 lb ..... 17,160 kg / 17,575 kg



### Minimal Maintenance

Grease-less bushings and only 6 grease points per scraper.



### High Tensile Steel

Hardox / Weldox steel technology makes stronger and lighter scrapers.



### Weight Transfer

The hitch transfers 25% of the scraper's weight to the truck for improved traction.



### Cushion Ride

Experience a smoother ride and reduce equipment wear.



### 3 Year Warranty

Industry leading 3 year structural / 6 month parts and labor warranty.



### Shipping

Available for containerized international shipping.

See complete detailed specifications on pages 56 + 57



**MOVE A MASSIVE 66 CUBIC YARDS  
WITH A TRACTOR.**



**WATCH THIS  
1233 TANDEM IN  
ACTION**







# RIP IT, MIX IT, LEVEL IT TO GRADE.



No earthmoving fleet is complete without support equipment to ensure maximum efficiency. Beyond manufacturing robust construction scrapers, K-Tec also has a strong line up of earthmoving implements in a broad size range to meet the needs of any large construction earthmoving crew.

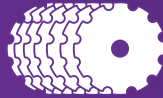








**HEAVY DUTY  
CONSTRUCTION**



**14**  
BLADES

**11'** CUTTING  
WIDTH

**190-620**  
RECOMMENDED  
HORSEPOWER



# DISC HARROWS

K-Tec heavy-duty wheeled disc harrows deliver top performance for tough soil mixing, road building, and reclamation projects. Models 3217-14WD, 3620-14WD, and 4220-14WD are essential additions to any earthmoving fleet, featuring world-class discs to tackle any soil condition. With a transport width of 11'7", they move easily between sites, saving you time and money.

# EQUIPMENT FEATURES



- » Heavy-duty gang beams feature welded gang standards specifically designed for the oil bath gang bearings for long service life and less downtime in extreme conditions.
- » Heavy-duty steel rock guard plate protects the housing assembly.
- » Adjustable heavy-duty disc mud scrapers
- » Rugged swivel front hitch for an unlimited range of motion without binding
- » Adjustable gang angles (19,21,24 deg.) to accommodate any condition
- » 2 ½" diameter gang bolts with mechanical lock nuts
- » Ductile cast spools provide additional weight centered over the bearings. This dramatically reduces bearing side loads when operating on uneven ground as compared to competitive models that put the weight high above the gang within the mainframe.
- » Self-leveling hitch
- » The extra weight of the cast spool placed within each gang system allows the mainframe to possess a lower profile than competitive models. This provides superior visibility when operating on established job sites with utilities already in place. (fire hydrants, manholes, grade stakes)

Model	3217-14WD	3620-14WD	4220-14WD
Recommended HP	190-450 hp (142-336 kw)	300-620 hp (224-462 kw)	400-620 hp (298-462 kw)
Blade Dia., Notched	32" (81 cm)	36" (91 cm)	42" (107 cm)
Blade Thickness	.472" (12 mm)	.472" (12 mm)	.472" (12 mm)
Blade Spacing	17" (43 cm)	20" (51 cm)	20" (51 cm)
Blade Qty.	7 Front, 7 Rear	7 Front, 7 Rear	7 Front, 7 Rear
Weight, Total	10,083 lb (4,574 kg)	14,840 lb (6,731 kg)	15,720 lb (7,130 kg)
Weight / Blade	720 lb (327 kg)	1,060 lb (481 kg)	1,123 lb (509 kg)
Width of Cut	8'8" (2.6 m)	11' (3.4 m)	11' (3.4 m)
Bearing	Oil Bath	Oil Bath	Oil Bath
Gang Shaft Dia.	2.5" (64mm)	2.5" (64mm)	2.5" (64mm)
Tire Size	(2) 295/75R22.5	(2) 445/50R-22.5	(2) 445/50R-22.5
Hub	10 Bolt Hub	10 Bolt Hub	10 Bolt Hub
Spindle Dia.	3.5" (89 mm)	4.25" (108mm)	4.25" (108mm)
Hyd. Cyl. Lift Qty.	2	2	2
Shipping Width	9'9" (2.97m)	11'7" (3.5m)	11'7" (3.5m)
Shipping Length	24'2" (7.36 m)	27'6" (8.4m)	27'6" (8.4m)
Length (folded)	17'5" (5.31m)	21' (6.4m)	21' (6.4m)





# ***RG 13***

## **ROAD GRADER IMPLEMENT**

Replace your inefficient and expensive motor graders with this simple implement to increase haul road speeds and reduce wear on your haulage equipment. Available in 13' (3.96 m) and 14' (4.27 m) widths, the RG's multi-blade design enables fast finishing tasks, smoothing your cut zone to reduce "duck walking" and bouncing—boosting loading efficiency and reducing equipment wear.



**SMOOTH FINISH**

Aggressive angled front grader blades loosen dirt while the rear blade creates a smooth finish.



**DIRECTIONAL TILT**

Adjustable tilt for sloped road beds and drainage ways.



**WALKING TANDEM**

Reduce bouncing and "duck walking" with walking tandem wheels.



**OPTIONAL RIPPERS**

Use optional rippers to make scraper loading more efficient.



**SPECIFICATIONS**

Model	RG13	RG14
Cutting Width	13' (3.96 m)	14' (4.3 m)
Dimensions	13'6" W x 28'9" L x 4'6" H (4.1 m W x 8.8 m L x 1.4 m H)	14'5" W x 28'9" L x 4'6" H (4.4 m W x 8.8 m L x 1.4 m H)
Weight	12,000 lb (5,443 kg)	12,500 lb (5,670 kg)
Required Power	200+ hp (149+ kW)	200+ hp (149+ kW)
Rear Hitch	Standard	Standard
Rippers	Optional	Optional



# LAND LEVELERS

K-Tec's heavy-duty box scrapers and roller levelers excel in construction and agriculture, perfect for haul road maintenance, precision leveling, and drainage. Our levelers are designed with a folding hitch pole for easy transport. All land leveler models have walking back axles for blade stability and a rear hitch option is available for towing additional implements. Available tilt functionality on all models with up to 30" (762 mm) of lift at the cutting edge makes these machines ideal for slopes and crowning. Equipped with dual-mast GPS mounting locations for final precision grading. Our bolt on hitch option allows you to connect to a standard tractor hitch or a scraper drawbar to match your fleet.



## LEVELER VS. GRADER

	K-Tec Leveler	Motor Grader
Drag Capacity	11 - 22 yd <sup>3</sup> (8.4 - 16.8 m <sup>3</sup> )	Up to 5 yd <sup>3</sup> (3.8 m <sup>3</sup> )
Labor	Entry Level	Highly Skilled
Avg. Fuel Efficiency	6-10 GPH (22-38 LPH)	4-8 GPH (15-30 LPH)
Transport Width	8' 6" - 10' 5" (2.6 m - 3.2 m)	8' 2" - 14' (2.4 m - 4.3 m)
Cutting Width	12 - 28' (4.3 m - 8.5 m)	12 - 24' (3.6 m - 7.3 m)
Capital Cost	Medium	High

Above figures are for comparison purposes only. Results may vary.





## EASY ROAD TRANSPORT

The optional transport kit simplifies transporting even further, allowing a single operator to change the leveler to road mode and pull it from site to site without the need for a trailer.





## CONSTRUCTION LEVELERS

K-Tec land levelers offer the largest drag capacity on the market, helping contractors achieve precise grading on haul roads. Smooth roads enable faster cycles and reduce equipment wear. K-Tec levelers range from 14' to 20' (4.2 to 6 m) and handle 11-16 cubic yards (8.4-12.2 cubic meters).



# CONSTRUCTION LEVELER SPECS

MODEL	BOX DIMENSIONS		DRAG CAPACITY		CUTTING WIDTH	
	Standard	Metric	Standard	Metric	Standard	Metric
14LL	14' W x 5' 1" H x 4' 7" L	4.26 m W x 1.5 m H x 1.4 m L	11.4 yd <sup>3</sup>	8.7 m <sup>3</sup>	14'	4.26 m
16LL	16' W x 5' 1" H x 4' 7" L	4.9 m W x 1.5 m H x 1.4 m L	13 yd <sup>3</sup>	10 m <sup>3</sup>	16'	4.9 m
18LL	18' W x 5' 1" H x 4' 7" L	5.4 m W x 1.5 m H x 1.4 m L	14.6 yd <sup>3</sup>	11.1 m <sup>3</sup>	18'	5.5 m
20LL	20' W x 5' 1" H x 4' 7" L	6.1 m W x 1.5 m H x 1.4 m L	16.3 yd <sup>3</sup>	12.5 m <sup>3</sup>	20'	6.1 m

## TRANSPORT DIMENSIONS

MODEL	OVERALL WIDTH & LENGTH		SHIPPING WEIGHT		FOLDED DIMENSIONS	
	Standard	Metric	Standard	Metric	Standard	Metric
14LL	14' 3" W x 25' L	4.34 m W x 7.62 m L	10,135 lb	4,597 kg	8' 6" W x 10' 6" H x 22' L	2.59 m W x 3.2 m H x 6.7 m L
16LL	16' 3" W x 25' L	4.95 m W x 7.62 m L	10,600 lb	4,808 kg	8' 6" W x 10' 6" H x 23' L	2.59 m W x 3.2 m H x 7.0 m L
18LL	18' 3" W x 25' L	5.56 m W x 7.62 m L	11,065 lb	5,019 kg	8' 6" W x 10' 6" H x 24' L	2.59 m W x 3.2 m H x 7.31 m L
20LL	20' 3" W x 25' L	6.17 m W x 7.62 m L	11,530 lb	5,230 kg	8' 6" W x 10' 6" H x 25' L	2.59 m W x 3.2 m H x 7.62 m L

### STANDARD FEATURES

- Single Simple Tilt
- Depth Level Gauge
- GPS/Laser Adaptability
- 385/65 R22.5 x 4 Tires

### OPTIONAL FEATURES

- LED Lights
- Rear Hitch
- Mechanical Slope Meter

### HYDRAULIC OPTIONS

- 1/2" Tips
- 3/4" Tips

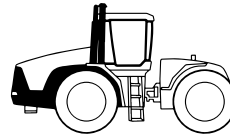
## RECOMMENDED POWER UNITS

Utility Tractor



14LL - 16LL  
250HP +/-186 KW +

Articulating Tractor



18LL - 20LL  
350HP +/-260 KW +

## BLADE CONFIGURATIONS



8" (203 mm) Curved Grader Blade



Serrated Cutting Edge



Straight Flat Cutting Edge

# FEATURES



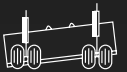
GPS / LASER  
ADAPTABLE



90° TURNING  
RADIUS



PRECISION DEPTH  
LEVEL GAUGE



SIMPLE TILT



FOLD-ABLE FOR  
ROAD TRANSPORT



CONTAINER  
SHIPPING



ISO 9001

1-YEAR STRUCTURAL  
6 MONTHS PARTS &  
LABOR WARRANTY

CERTIFIED



CERTIFIED





## CONSTRUCTION ROLLER LEVELERS

Our roller levelers are designed to help contractors level and compact soil efficiently, improving drainage and minimizing downtime after rain. With optional tilt functionality, it's ideal for crowning roads and shaping slopes. Roller levelers enhance productivity and reduce wear on equipment by maintaining smooth haul roads, and are the perfect finishing tool to add those final, essential touches to any job.





Optional rear wheels for cross job site transport



Bolt-on rotational hitch pole for transport of multiple units within width restrictions

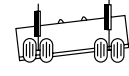


Mud scraper stops material buildup on drum

## FEATURES



GPS / LASER  
ADAPTABLE



OPTIONAL 1 OR 2-WAY  
BLADE TILT



MECHANICAL  
SLOPE METER



1 YEAR STRUCTURAL  
6 MONTHS PARTS &  
LABOR WARRANTY



BOLT ON HITCH POLE  
FOR EASY TRANSPORT



CONTAINER  
SHIPPING

RL12	Imperial	Metric	RL14	Imperial	Metric
Overall Length	20' 1"	6.14 m	Overall Length	20' 1"	6.14 m
Height (Extended)	8' 2"	2.49 m	Height (Extended)	8' 2"	2.49 m
Overall Width	12'	3.66 m	Overall Width	14'	4.27 m
Drum Width	11' 1"	3.39 m	Drum Width	13' 1"	3.99 m
Drum Diameter	3' 6"	1.06 m	Drum Diameter	3' 6"	1.06 m
Empty Weight	12,165 lb	5,520 kg	Empty Weight	14,790 lb	6,708 kg
Weight Water Filled	16,865 lb	7,652 kg	Weight Water Filled	20,300 lb	9,208 kg
Max Water Volume	565 US gal	2,140 L	Max Water Volume	660 US gal	2,498 L
Max Water Weight	4,700 lb	2,132 kg	Max Water Weight	5,510 lb	2,500 kg
Grease Points	9	9	Grease Points	9	9
Transport Length	8' 7"	2.6 m	Transport Length	8' 7"	2.6 m
Transport Height	6' 11"	2.1 m	Transport Height	8'	2.43 m
Transport Width	18' 6"	5.63 m	Transport Width	20' 10"	6.36 m

OPTIONAL FEATURES	RL12	RL14
Blade Tilt	Imperial	Metric
Max. Tilt Angle	6 degrees	6 degrees
Edge to Edge Height	14.8"	375 mm
Additional Weight	+410 lb	+186 kg
Transport Wheels	Imperial	Metric
Overall Length	22' 4"	6.8 m
Height (Extended)	9' 4"	2.85 m
Additional Grease Points	+2	+2
Tires	385/65 R22.5 18 ply	385/65 R22.5 18 ply
Additional Weight	+988 lb	+448 kg



# OX BLOCK PUSH-LOADER

While our scrapers efficiently self-load, additional options can boost speed and productivity. The K-Tec Ox Block, designed for Case Steiger Quadtrac and wheeled tractors, offers a nimble, cost-effective bulldozer alternative. It replaces tractor suitcase weights for balanced performance and is optimized for pushing all types of scrapers. Cushion push technology with hydraulic cylinders minimizes impact shock on the tractor frame and scraper, ensuring smoother push-loading assistance. This tractor can also pull another scraper, land leveler, or disc harrow, transforming it into a multipurpose earthmoving support machine.





## OX BLOCK VS. DOZER

	Ox Block + Case Tractor	Dozer
Undercarriage Costs	Low	High
Capital Cost	Medium	High
Labor	1 Operator	1 Operator
Avg. Fuel Efficiency	1 Engine / 10-12 GPH (37.8-45.4 LPH)	1 Engine / 15-18 GPH (56.7-68.1 LPH)
Cycle Time	Fast Cut Zone Positioning	Slower Speeds
Horsepower	350-620 HP (261-462 kW)	350 HP (261 kW)
Push Block Width	7' 2" (2.2 m)	7'-13'+ (4 m+) More susceptible to tire damage

Above figures are for comparison purposes only. Results may vary.





# ***OXBLOCK***

## **TRACTOR PUSH-LOADING ATTACHMENT**

The K-Tec Ox Block is a push block designed for push-loading scrapers to help reach maximum capacity and have decreased time in the cut zone, which improves productivity. Compared to a bulldozer, contractors will see increased fuel efficiency, reduced undercarriage costs by at least 50%, and substantially higher speeds in the cut zone when they use an Ox Block to push load their scrapers.












## MULTI-PURPOSE EARTHMOVING SUPPORT

Turn your Case Steiger into a support machine with an Ox Block push attachment on the front and an earthmoving implement hitched to the back.

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Block Dimensions	7' 2" W x 5' 5" H	2.2 m W x 1.65 m H
Cushion-Push Technology	Standard	Standard
LED Lights	Standard	Standard

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	7' 2"	2.18 m
Overall Length	7' 10"	2.4 m
Shipping Weight	5,820 lb	2,640 kg

## FEATURES

 <b>← 6' →</b> PUSH BLOCK AREA	 HIGH TENSILE STEEL	 LED LIGHTS	 CUSHION PUSH TECHNOLOGY
 CONTAINER SHIPPING	 1 YEAR STRUCTURAL 6 MONTHS PARTS & LABOR WARRANTY	<b>ISO 9001</b> CERTIFIED	 CERTIFIED



# FINANCING WITH THE DLL / K.A. GROUP PROGRAM

The DLL/K.A. Group program offers a wide range of financing and leasing programs designed to meet the various business needs of today's customer. Take a moment to review some of our most popular programs and call your dealer or DLL/K.A. Group program representative for additional information.



## LOW RATES

---

Special low rates available on new equipment. Competitive rates are also available on used equipment.



## HOLD ONTO YOUR CASH

---

You can acquire the equipment you need with virtually no cash outlay. In most cases, all you need is a small down payment, or in the case of a lease, one payment in advance.



## FLEXIBLE LEASING OPTIONS

---

We structure all of our products to put you in control. At the end of your agreement you can choose to keep on leasing the same equipment, lease new equipment, or return the equipment. It's up to you. You make the choice.





## ENJOY TAX BENEFITS

---

Depending on the type of finance product you select, your payments could be treated as a fully tax-deductible operating expense, or you may be able to claim accelerated depreciation of the equipment in addition to interest expense as deductible for tax purposes. And for many businesses that's a vital benefit.



## QUICK AND EASY

---

In most cases, just one phone call is all it takes to get the process started. Depending on the transaction size, credit approval can take place in the same day and if you have an existing line of credit, it's even faster.

## THE FLEXIBILITY AND CHOICE EVERY BUSINESS NEEDS



To find out more about the benefits of acquiring your equipment through the DLL/K.A. Group program, call 1-866-355-5438.



# ALWAYS AT YOUR SERVICE

Our dedicated service network is always ready to support you. Whether you're facing operator challenges or need warranty support, contact our 24-hour service hotline at **+1 866 769 3787** for information and assistance. Always ensure that scrapers are operated in accordance with our operator's manuals to avoid service issues.

- » NEXT DAY AIR PARTS DELIVERY SERVICE
- » CUTTING BLADE BULK ORDER DISCOUNT
- » RECOMMENDED STOCK LIST
- » 24-HOUR SERVICE HOTLINE  
**+1 866 769 3787**



## CERTIFIED PARTS

Refer to your parts manual or visit your local dealer for information on consumables and replacement parts. Parts can also be ordered by emailing [parts@ktec.com](mailto:parts@ktec.com) or calling us at +1 866 496 7561. One of our parts associates will be happy to assist you with all your replacement parts needs.



## INDUSTRY LEADING WARRANTY

K-Tec Earthmovers are known in the industry for their groundbreaking durability, which is backed by a 3-year structural warranty. Our confidence in high tensile steel and our world class manufacturing process provides security for your earthmoving investment.










### HAVE A WARRANTY ISSUE?












Our responsive service team is standing by, ready to get you back up and running! Scan the QR code and fill out the claim form online for prompt warranty service or send us an email at [warranty@ktec.com](mailto:warranty@ktec.com) for more information on submitting a warranty claim.



# K-TEC SCRAPER OPTIONS











CUTTING BLADES & ROUTER BITS		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
	<b>TAPERED DROP DOWN CENTER BLADE</b> The standard K-Tec center blade is ideal for most conditions and soil types.	✓	✓	✓	✓	✓	✓	✓
	<b>NON TAPERED DROP DOWN CENTER BLADE</b> The aggressive profile is ideal for sandy conditions when maximum ground penetration is not as critical.	✓	✓	✓	✓	✓	✓	✓
	<b>SERRATED TAPERED DROP DOWN CENTER BLADE</b> The serrated center blade is best in hard conditions when maximum penetration is required to break up hard or slabby material.	✓	✓	✓	✓	✓	✓	✓
	<b>FLAT PROFILE (FULL WIDTH)</b> The flat straight profile achieves a smooth and precise finish.	✓	✓	✓	✓	✓	✓	✓
	<b>SERRATED PROFILE (FULL WIDTH)</b> The serrated straight blade increases ground penetration and assists in breaking up material.	✓	✓	✓	✓	✓	✓	✓
	<b>AGGRESSIVE STAGGERED OPTION (FULL WIDTH)</b> The staggered teeth sections assist in breaking up material and increase ground penetration.	✓	✓	✓	✓	✓	✓	✓
<b>ROUTER BITS</b>								
	<b>STANDARD ROUTER BIT POSITION</b> The standard router bit setting is for less aggressive cuts.	✓	✓	✓	✓	✓	✓	✓
	<b>DROP DOWN ROUTER BIT POSITION</b> Running a straight profile, the router bit position can further increase cut depth in the drop down position.	✓	✓	✓				✓
	<b>TUNGSTEN COATED ROUTER BIT</b> The tungsten coated router bits extend the life of blades in extremely abrasive wear conditions.	✓	✓	✓				✓
	<b>CHOCKY BAR ROUTER BITS</b> The chocky bar router bits protects sidewall wear in abrasive conditions and guide the material into the scraper bowl. Option is available in 1" or 2" thickness.	✓	✓	✓				✓




		1228	1228	1228	1233	1233	1233	1236
			Front unit	Gooseneck		Front unit	Gooseneck	
<b>YOKES</b> The standard K-Tec yoke matches with the K-Tec factory tractor hitch. Alternatively, the customer can use their existing hitch by interchanging the scraper yoke to accommodate alternative drawbar brands.								
	<b>K-TEC</b> K-Tec yoke connects scraper to tractor hitch. (Pin not included)	✓	✓	✓	✓	✓	✓	✓
	<b>ASHLAND/REYNOLDS</b> Replaces standard yoke on K-Tec Scraper and connects scraper to Ashland tractor hitch or power unit. (Pin not included)	✓	✓	✓	✓	✓	✓	✓
	<b>EJECT</b> Replaces standard yoke on K-Tec Scraper and connects scraper to Eject tractor hitch or power unit. (Pin not included)	✓	✓	✓	✓	✓	✓	✓
	<b>JD 60 MM</b> Replaces standard yoke on K-Tec Scraper and connects scraper to John Deere tractor hitch or power unit with 60 mm diameter bar. (Pin not included)	✓	✓	✓	✓	✓	✓	✓
	<b>JD 65 MM</b> Replaces standard yoke on K-Tec Scraper and connects scraper to John Deere tractor hitch or power unit with 65 mm diameter bar. (Pin not included)	✓	✓	✓	✓	✓	✓	✓
<b>HYDRAULIC TIPS</b> The hydraulic tips connect to the power unit's hydraulic system. The standard K-Tec 3/4" tips match with 3/4" hydraulic connection from the power unit. If tractor has alternative size connectors the 1/2" or JIC fitting options are available.		1228	1228	1228	1233	1233	1233	1236
			Front unit	Gooseneck		Front unit	Gooseneck	
	<b>3/4" TIPS</b> Hydraulic tips connect to power unit 3/4" connections and provide power to K-Tec Scraper.	✓	✓	✓	✓	✓	✓	✓
	<b>1/2" TIPS (Replaces standard 3/4" K-Tec tips)</b> Hydraulic tips connect to power unit 1/2" connections and provide power to K-Tec Scraper.	✓	✓	✓	✓	✓	✓	✓
	<b>JIC TIPS (Replaces standard 3/4" K-Tec tips)</b> Hose ends thread in directly so will not disconnect, do not have wear components, and provide higher flow to scraper. Not recommended if scraper will often be disconnected.	✓	✓	✓	✓	✓	✓	✓
<b>TRACTOR MODIFICATION OPTIONS</b>								
	<b>CASE STX - VALVE MANIFOLD CONVERSION</b> Hydraulic attachment which allows higher oil flow rate and allows to hook and unhook under pressure.	✓	✓		✓	✓		✓






# K-TEC SCRAPER OPTIONS

STANDARD ■  
COMPATIBLE OPTION ■

		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
<b>ADDITIONAL OPTIONS</b>								
	<b>ROCK PICKS</b> Rock picks assist in removing rocks from the scraper tires in rocky jobsite applications.	✓	✓	✓	✓	✓	✓	✓
	<b>MUD SCRAPERS</b> Mud scrapers assist in removing mud from the scraper tires in muddy jobsite conditions.	✓	✓	✓	✓	✓	✓	✓
	<b>HEIGHT GAUGE</b> Provides the operator with a visual reference for rear scraper bowl height or cutting depth in tandem configuration.			✓			✓	
	<b>15" RACK EXTENSION</b> The 15" rack extension increases the overall scraper load capacity and prevents material from falling onto the front unit hydraulics. Installed on top of standard K-Tec rack.				✓	✓	✓	
	<b>36" TRASH RACK</b> The 36" trash rack extension increases the overall scraper load capacity and prevents slabby material from falling back onto the tires. Mounted to scraper bowl.	✓	✓	✓				✓
	<b>LASER MOUNT EXTENSION</b> Extension tube bracket mounted to the laser mount above the cutting blade for attaching laser or GPS mast equipment.	✓	✓	✓	✓	✓	✓	✓
	<b>POWER BEYOND</b> Experience increased power, speed, and control by connecting hydraulics directly to K-Tec scraper's valve block, through larger hydraulic ports. Currently available on Case tractors only. See pages 22-23 for more information.	✓	✓	✓	✓	✓	✓	✓
	<b>4 CALIPER BRAKES</b> The 4 caliper braking system provides additional security and control in steep uneven conditions.	✓	✓	✓	✓	✓	✓	✓
	<b>MINE VERSION BOWL SKINS</b> Reinforced heavier plate, wear-resistant, Hardox steel floor for mining applications.				✓	✓	✓	
<b>GOOSENECK POSITION</b>								
	<b>TANDEM (UP POSITION)</b> Gooseneck scrapers set to the up position are to be pulled by a front unit in tandem configuration.			✓			✓	
	<b>SINGLE (DOWN POSITION)</b> Gooseneck scrapers set to the down position are to be pulled by a power unit in single scraper configuration.			✓			✓	

		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
<b>FINE MATERIAL PACKAGE</b>								
    	<b>Full Package</b> The fine material harvesting package keeps fine material from leaking out of the bowl; tire mud flaps keep material from spraying; serrated profile blades are included; and corrosion preventative measures are taken for electrical wires.				✓	✓	✓	
	<b>Sidewall to Gate Filler Spacers</b> Spacers prevent fine material loss, thus increasing load capacity and efficiency.				✓	✓	✓	
	<b>Gate Extensions</b> Extended gate bottom edge closes gap between cutting blade and gate preventing fine material loss.				✓	✓	✓	
	<b>Additional Gate Stops</b> Stops fill subtle gaps between scraper bowl and gate, keeping fine material in the bowl.				✓	✓	✓	
	<b>Additional Mud Flaps on Scraper</b> Fine material spray prevention increases machine longevity and exterior material buildup				✓	✓	✓	
<b>Specialty Cutting Blade Configuration</b> (Full Fine Serrated profile)				✓	✓	✓		

		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
<b>COMPATIBLE TIRES &amp; GROUND PRESSURE SPECIFICATIONS</b>								
K-Tec provides a variety of scraper tire sizes for contractor consideration. The scraper tire size can increase the maximum load capacity, flotation, or rolling resistance of the unit for overall productivity.								
		<b>GROUND PRESSURES IN PSI &amp; KPA</b>						
    	<b>1050/50 R32 Tires</b>	24-28 PSI 165-193 kPa						
	<b>23.5 R25 Tires</b>	25-30 PSI 179-206 kPa	34-38 PSI 234-262 kPa	24-28 PSI 165-193 kPa	30-34 PSI 206-234 kPa		30-34 PSI 206-234 kPa	30-34 PSI 206-234 kPa
	<b>26.5 R25 Tires</b>			24-28 PSI 165-193 kPa	31-35 PSI 213-241 kPa	24-28 PSI 165-193 kPa	26-30 PSI 179-206 kPa	

Ground pressure specifications vary based on tire pressure, tire rating, and soil conditions. Figures for comparative purposes only.



# K-TEC SCRAPER SPECIFICATIONS

IMPERIAL

SPECIFICATIONS	1228	1233	1236	1228 TANDEM	1233 TANDEM
Heaped Capacity (ISO)	28 yd <sup>3</sup>	33 yd <sup>3</sup>	36 yd <sup>3</sup>	56 yd <sup>3</sup>	66 yd <sup>3</sup>
Struck Capacity	18.5 yd <sup>3</sup>	19.7 yd <sup>3</sup>	24 yd <sup>3</sup>	37 yd <sup>3</sup>	39.4 yd <sup>3</sup>
Max. Load Rating	68,000 lb	80,000 lb	86,400 lb	136,000 lb	160,000 lb
Bucket Dimensions	12' W x 4' H x 11' L	12' W x 4' 3" H x 12' 10" L	12' W x 5' H x 12' L	12' W x 4' H x 11' L	12' W x 4' 3" H x 12' 10" L
Cutting Width	12'	12'	12'	12'	12'
Cutting Blades	4-Piece Blade	4-Piece Blade	4-Piece Blade	4-Piece Blade	4-Piece Blade
Gate Opening	6' 6"	6' 8"	6' 1.5"	6' 6"	6' 8"
Turning Radius	26'	26'	26'	33'	33'
Gate Cylinders	4.5" x 26.5"	5" x 26"	4.5" x 26.5"	4.5" x 26.5"	5" x 26"
Lift Cylinders	5.5" x 32"	5.5" x 32"	5.5" x 38"	5.5" x 32"	5.5" x 32"
Ejector Cylinder	5.5" x 76"	5.5" x 76"	5.5" x 76"	5.5" x 76"	5.5" x 76"
Cutting Blade Clearance	28"	28"	28.5"	28"	28"
Hitch Pin to Rear Axle Length	30'	31' 5"	30' 11"	30'	31' 5"
Rack Height (Tilt-able)	3'	4'	4'	3'	4'
Weight Distribution	Tongue: 24%, Wheels: 76%	Tongue: 25%, Wheels: 75%	Tongue: 25%, Wheels: 75%	Tongue: 24%, Wheels: 76%	Tongue: 25%, Wheels: 75%
4 Tires	23.5 R25 Radial	23.5 R25 Radial	23.5 R25 Radial	23.5 R25 Radial	26.5 R25 Radial
4 Tires - Rear Scraper	N/A	N/A	N/A	23.5 R25 Radial	23.5 R25 Radial
Rec. Horsepower	300 HP +	350 HP +	400 HP +	400 HP +	450 HP +
Mud Scraper & Rock Picks	Standard	Standard	Standard	Standard	Standard
OPTIONAL FEATURES					
Tires	1050/50 R32 (2)	26.5 R25 Radial	26.5 R25 Radial	1050/50 R32 (2)	Rear 26.5 R25 Radial
4 Caliper Disc System	Optional	Optional	N/A	Optional	Optional
Height Gauge	N/A	Optional	N/A	Standard on rear scraper	Standard on rear scraper
Trash Rack	Optional	N/A	Optional	Standard on rear scraper	N/A
Rack Extension	N/A	Optional	N/A	N/A	Standard on front scraper
Power Beyond	Optional	Optional	Optional	Optional	Optional
Salt Harvesting Package	N/A	Optional	N/A	N/A	Optional
Mine Version	N/A	Optional	N/A	N/A	Optional
SHIPPING DIMENSIONS					
Overall Width	14'	14'	13' 10"	14'	14'
Overall Height	8' 10"	10'	10' 1"	8' 10"	10'
Overall Length	36' 7"	38' 5"	36' 10"	36' 7", 34' 11"	38' 5", 36' 8"
Shipping Weight	29,550 lb	36,800 lb	30,520 lb	32,550 lb / 31,500 lb	37,750 lb / 38,666 lb
Overseas Shipping	Roll-on Roll-off	40' Highcube container	Roll-on Roll-off	Roll-on Roll-off (2)	40' Highcube container (2)

Specifications are subject to change without notice.

# K-TEC SCRAPER SPECIFICATIONS

METRIC

SPECIFICATIONS	1228	1233	1236	1228 TANDEM	1233 TANDEM
Heaped Capacity (ISO)	21.4 m <sup>3</sup>	25.23 m <sup>3</sup>	27.5 m <sup>3</sup>	42.8 m <sup>3</sup>	50.46 m <sup>3</sup>
Struck Capacity	14.1 m <sup>3</sup>	15.06 m <sup>3</sup>	18.35 m <sup>3</sup>	28.2 m <sup>3</sup>	30.12 m <sup>3</sup>
Max. Load Rating	30,844 kg	36,287 kg	39,191 kg	61,688 kg	72,574 kg
Bucket Dimensions	3.66 m W x 1.22 m H x 3.35 m L	3.66 m W x 1.29 m H x 3.91 m L	3.66 m W x 1.52 m H x 3.66 m L	3.66 m W x 1.22 m H x 3.35 m L	3.66 m W x 1.29 m H x 3.91 m L
Cutting Width	3.66 m	3.66 m	3.66 m	3.66 m	3.66 m
Cutting Blades	4-Piece Blade	4-Piece Blade	4-Piece Blade	4-Piece Blade	4-Piece Blade
Gate Opening	1.98 m	2.03 m	1.87 m	1.98 m	2.03 m
Turning Radius	7.92 m	7.92 m	7.92 m	10 m	10 m
Gate Cylinders	114 mm x 673 mm	127 mm x 660 mm	114 mm x 673 mm	114 mm x 673 mm	127 mm x 660 mm
Lift Cylinders	140 mm x 813 mm	140 mm x 813 mm	140 mm x 965 mm	140 mm x 813 mm	140 mm x 813 mm
Ejector Cylinder	140 mm x 1,930 mm	140 mm x 1,930 mm	152 mm x 1,930 mm	140 mm x 1,930 mm	140 mm x 1,930 mm
Cutting Blade Clearance	0.71 m	0.71 m	0.72 m	0.71 m	0.71 m
Hitch Pin to Rear Axle Length	9.14 m	9.58 m	9.42 m	9.14 m	9.58 m
Rack Height (Tilt-able)	0.91 m	1.22 m	1.22 m	0.91 m	1.22 m
Weight Distribution	Tongue: 24%, Wheels: 76%	Tongue: 25%, Wheels: 75%	Tongue: 25%, Wheels: 75%	Tongue: 24%, Wheels: 76%	Tongue: 25%, Wheels: 75%
4 Tires	23.5 R25 Radial	23.5 R25 Radial	23.5 R25 Radial	23.5 R25 Radial	26.5 R25 Radial
4 Tires - Rear Scraper	N/A	N/A	N/A	23.5 R25 Radial	23.5 R25 Radial
Rec. Horsepower	220 kW +	257 kW +	294 kW +	294 kW +	331 kW +
Mud Scraper & Rock Picks	Standard	Standard	Standard	Standard	Standard
OPTIONAL FEATURES					
Tires	1050/50 R32 (2)	26.5 R25 Radial	26.5 R25 Radial	1050/50 R32 (2)	Rear 26.5 R25 Radial
4 Caliper Disc System	Optional	Optional	N/A	Optional	Optional
Height Gauge	N/A	Optional	N/A	Standard on rear scraper	Standard on rear scraper
Trash Rack	Optional	N/A	Optional	Standard on rear scraper	N/A
Rack Extension	N/A	Optional	N/A	N/A	Standard on front scraper
Power Beyond	Optional	Optional	Optional	Optional	Optional
Salt Harvesting Package	N/A	Optional	N/A	N/A	Optional
Mine Version	N/A	Optional	N/A	N/A	Optional
SHIPPING DIMENSIONS					
Overall Width	4.27 m	4.27 m	4.22 m	4.27 m	4.27 m
Overall Height	2.68 m	3.04 m	3.09 m	2.68 m	3.04 m
Overall Length	11.15 m	11.71 m	11.23 m	11.15 m, 10.64 m	11.71 m, 11.18 m
Shipping Weight	13,403 kg	16,692 kg	13,843 kg	14,764 kg / 14,288 kg	17,123 kg / 17,538 kg
Overseas Shipping	Roll-on Roll-off	40' Highcube container	Roll-on Roll-off	Roll-on Roll-off (2)	40' Highcube container (2)

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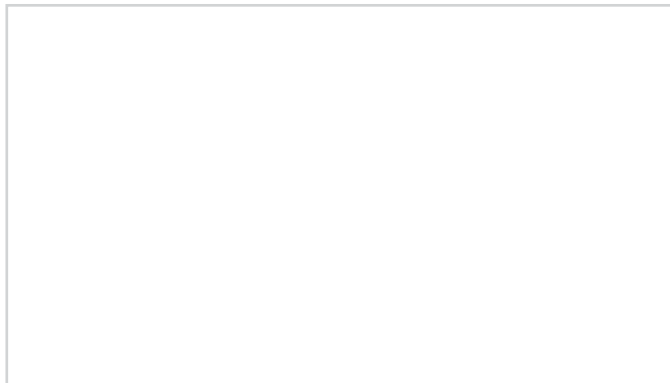
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