

# K-TEC™



K-TEC 1237ADT +  
VOLVO A45G

## 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 that utilized

the extensive longevity and hauling capability of the articulated dump truck. Since its inception in 2007, the ADT construction scraper concept has been proven on mass excavation sites around the world. We invite you to re-think what your ADT fleet can do for you and discover the impressive versatility, durability, and efficiency of the K-Tec ADT scraper solution.





**WATCH THIS  
1237 ADT TANDEM  
IN ACTION**



**K-TEC 1237ADT TANDEM + CAT 745**  
Harvesting Salt in UTAH, USA



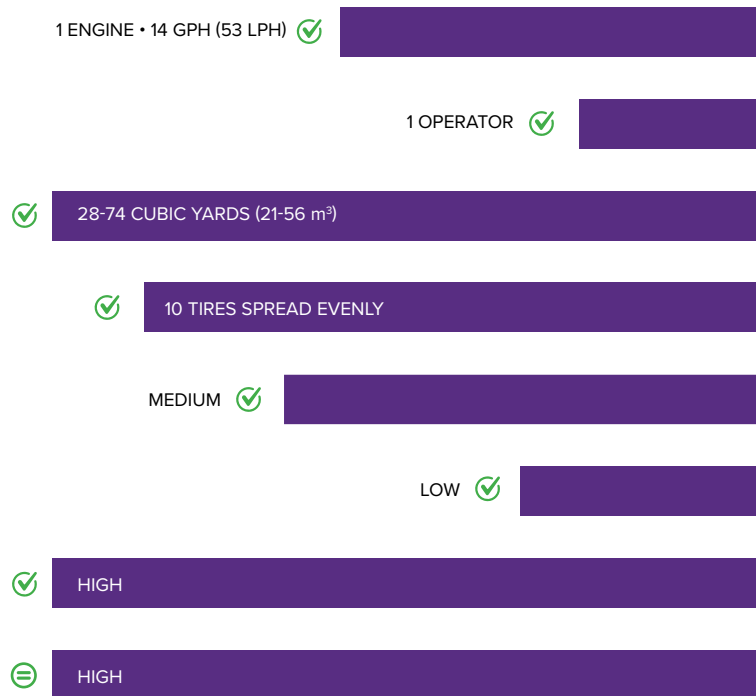
# COMPARING THE K-TEC SOLUTION

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-Tec ADT Scrapers 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 ADT scraper solution.



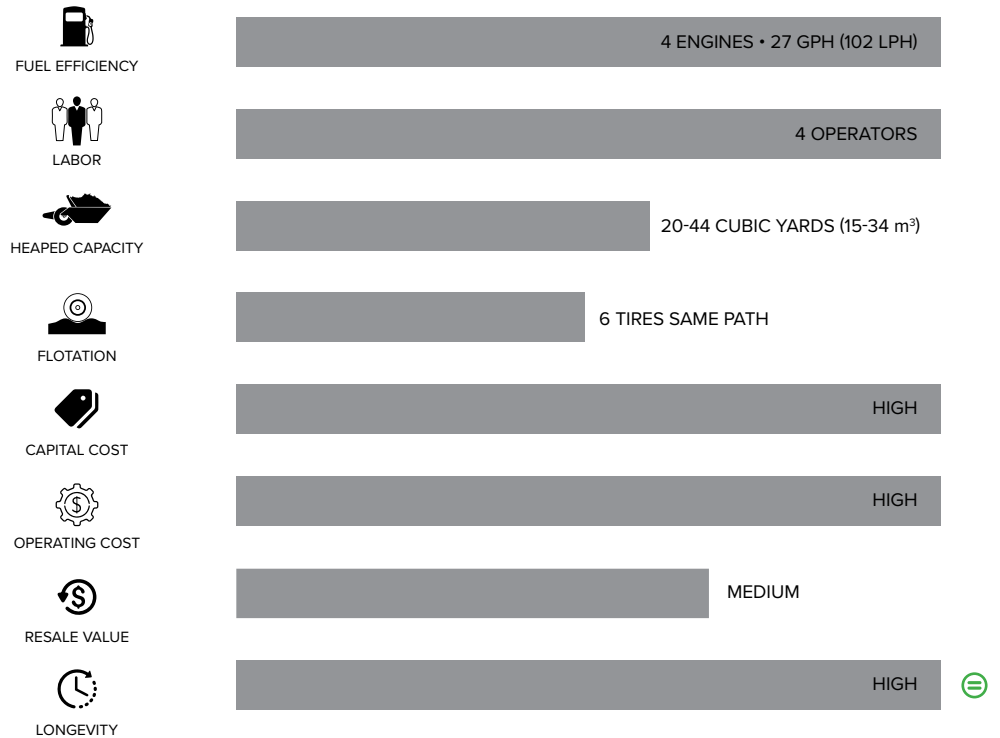
## ARTICULATED DUMP TRUCK + K-TEC SCRAPER



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 ADT 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 truck with a fuel consumption average of 14 GPH (53 LPH).

## LESS LABOR

Only one operator's wages are needed for loading, transporting and ejecting up to 74 cubic yards (56 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 ADT 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 been a staple in the earthmoving fleets for many years; however despite being a rugged machine, it's lack of efficiency, versatility, and operator comfort have begun to leave it in the dust. Facing the high operating and capital costs of motor scrapers, earthmovers are recognizing the benefits of a more cost effective and versatile solution found in the K-Tec ADT Scraper.



## LOADING EFFICIENCY

With 6 wheels of tractive effort and optimal loading geometry, the K-Tec ADT scraper boasts average loading times of 30-45 seconds. The K-Tec ADT scraper is also highly effective at self loading; often filling up in the same amount of time it takes a dozer to get in place to assist a motor scraper in achieving capacity. Some contractors will boast the efficiency of motor scrapers working in a push-pull system, but job site observation often shows significant inefficiency as one scraper waits at the beginning of the cut for another to return from unloading so they can work together. Never mind the fact that it then takes 4 engines to load less than what a pair of K-Tec scrapers in tandem can load with 2 engines when a tractor equipped with an OxBlock or a dozer is used to assist.

## OPERATOR FRIENDLY

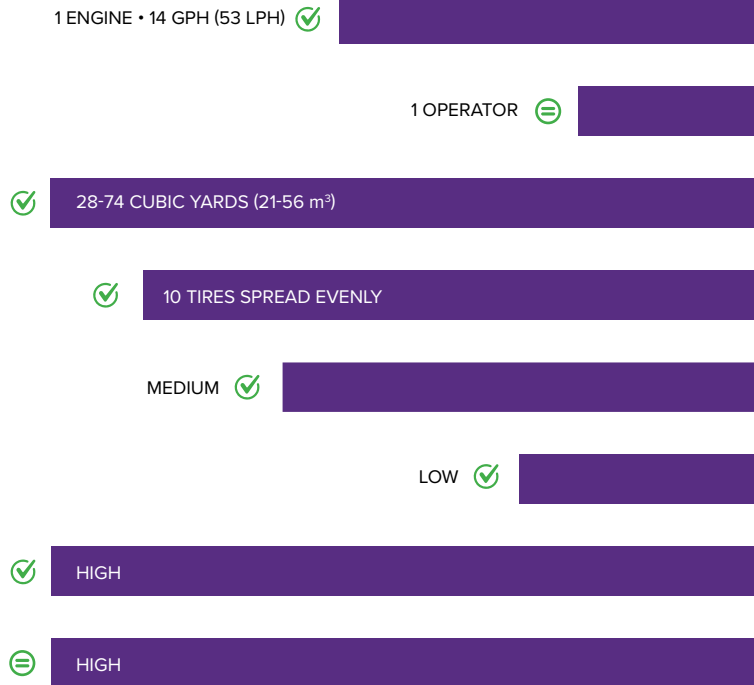
Motor scrapers are notoriously rigid and uncomfortable to drive for long periods. Pairing a K-Tec Scraper with cushion ride and a full suspension truck significantly decreases operator fatigue and increases productivity. K-Tec ADT scrapers have only 5 daily grease points and utilize grease-less bushings allowing up to 1200 hours before replacement for minimal downtime and maximum productivity.

## VERSATILITY

The conversion from dump body to scraper hitch on an ADT takes only 8 hours and is fully reversible. This allows contractors to ensure their equipment is making them money in every situation rather than having an entire fleet sit idle when the job conditions change.



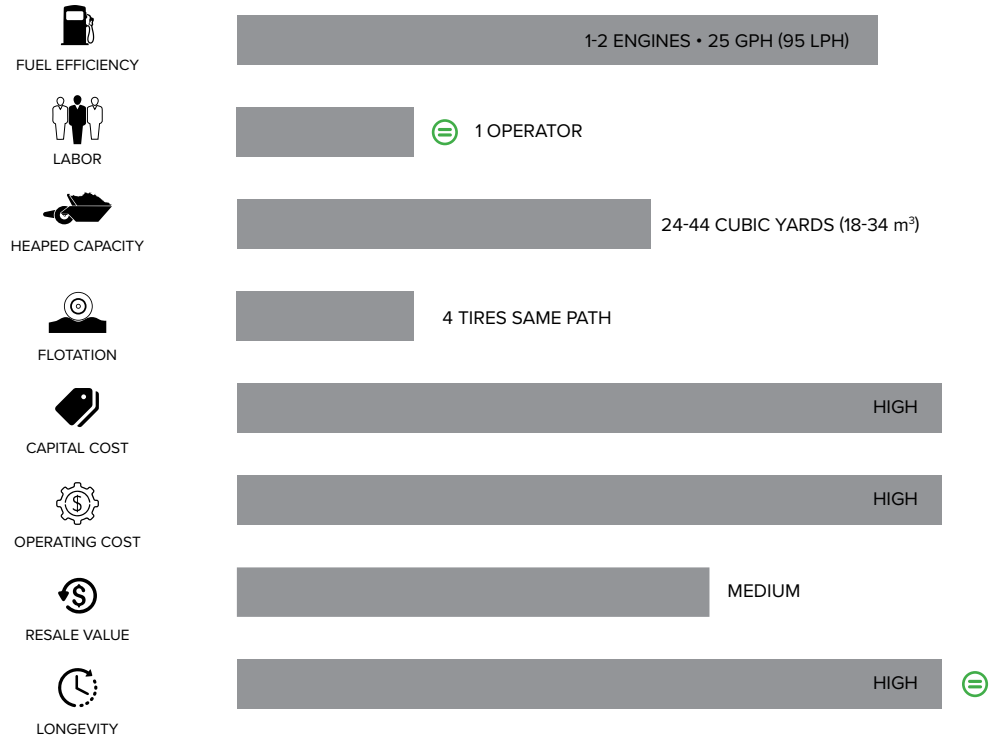
## ARTICULATED DUMP TRUCK + K-TEC SCRAPER



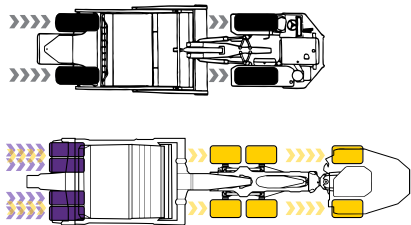
# VS.



## MOTOR SCRAPER



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



## FLOTATION & COMPACTION

K-Tec scrapers excel in soft ground conditions. In comparison to traditional motor scrapers that only have 4 tires, the K-Tec and ADT combination has 10 tires spaced evenly across the machine, providing maximum flotation in underfoot conditions. By utilizing 4 tires on the back, K-Tec is able to reduce rolling resistance and compact the smoothly ejected load of material.

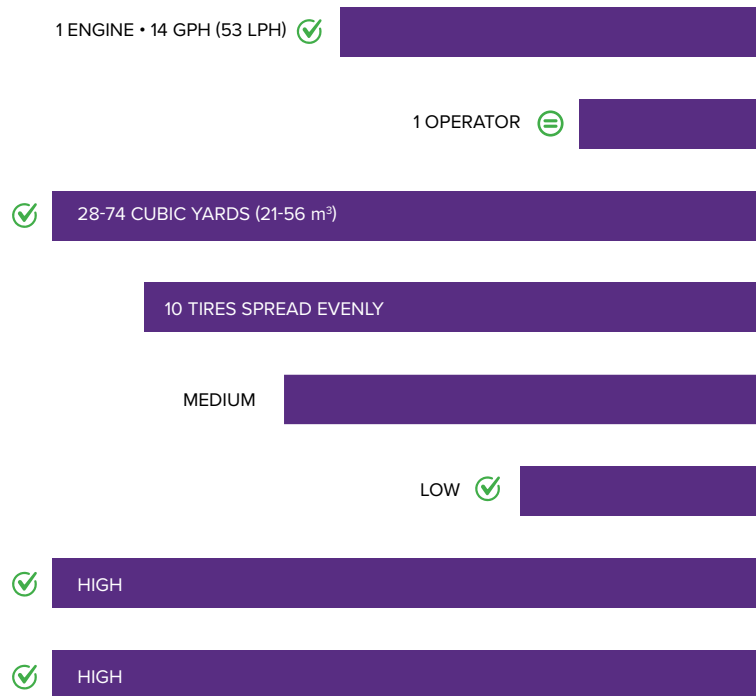
# K-TEC SCRAPER VS. COMPETITOR PULL PANS

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. That said, there is a reason why K-Tec pioneered the ADT scraper concept. Explore the comparative stats below to discover the pros and cons of ADT scrapers versus tractor pulled scrapers.



## ARTICULATED DUMP TRUCK + K-TEC SCRAPER

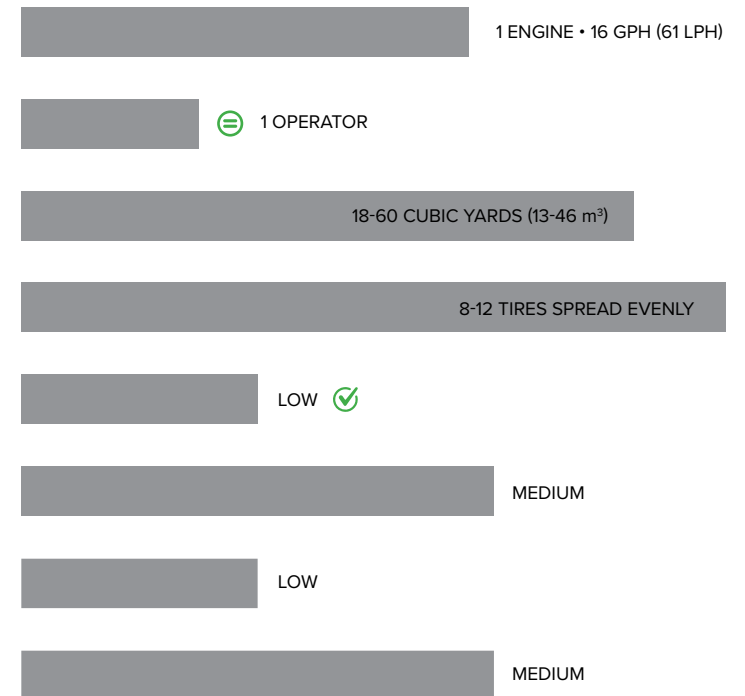


VS.



## COMPETITOR PULL PAN SCRAPERS

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



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

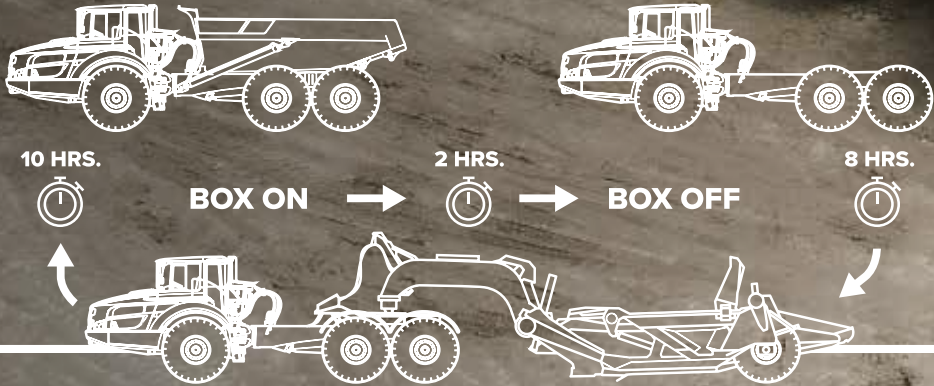


### BENEFITS OF TRACTORS

- » 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 blades 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

# YOUR DUMP TRUCKS CAN DO MORE.

The ADT conversion from Dump Box to Scraper Hauler is simple and effective. All modifications done to convert the truck are 100% reversible. Since there are no permanent modifications made to the Articulated Dump Truck, if at a later time contractors have a heavy rock project, or decide they want to sell the dump truck, they can easily put the tipper body back on the truck.

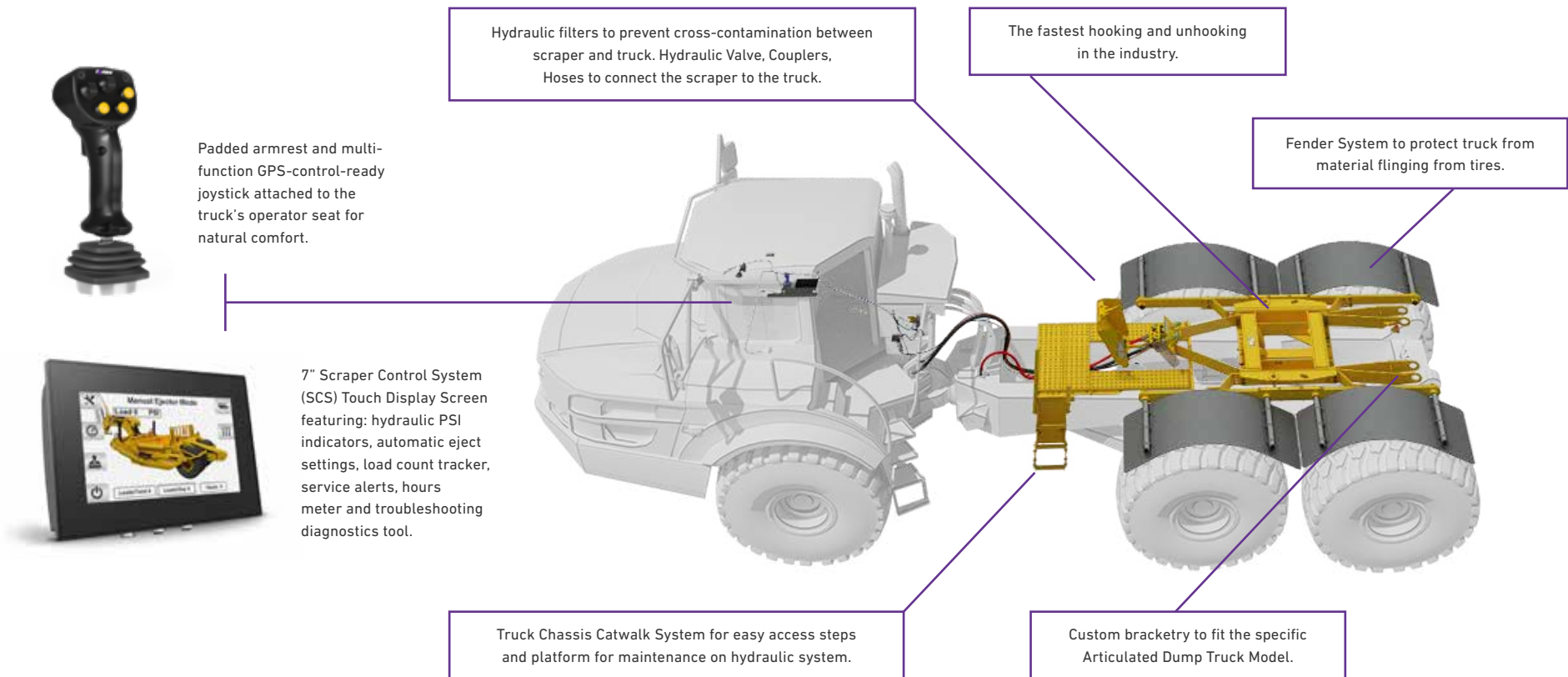


**SCRAPER HITCH INSTALL**

# SCRAPER CONTROL AT YOUR FINGER TIPS

The K-Tec Articulated Dump Truck Hitch is an robust system of steel, hydraulic, and electrical assemblies. The hitch is installed centered over the axles right at the point where the truck is designed to carry weight. This design allows 30% of the scraper weight to be transferred to the truck for increased traction,

while the remaining 70% is carried by the scraper itself. Beyond the strong steel structure, the hitch also connects the hydraulics and electronics of the scraper. The intelligent programming and in-cab comforts of the K-Tec Scraper Control System improve operator performance for enhanced productivity.



# 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 fleet of units to pull K-Tec earthmovers. Listed are most of the power unit manufacturers for which K-Tec provides custom-made hitches.



## **VOLVO ARTICULATED HAULERS**

Models: All Series - A25, A30, A35, A40, A45, A60



## **CATERPILLAR ARTICULATED DUMP TRUCKS**

Models: 725, 730, 735, 740A-B, 740GC, 745, 745C



## **BELL ARTICULATED DUMP TRUCKS**

Models: 4206D, B30E, B45E, B50E



## **KOMATSU ARTICULATED DUMP TRUCKS**

Models: HM300-5\*, HM400-5



**ROKBAK / TEREX ARTICULATED DUMP TRUCKS**

Models: RA30\*, RA40, TA400



**JOHN DEERE ARTICULATED DUMP TRUCKS**

Models: 260E\*, 310E\*, 370E, 410E-II\*, 460E, 460P



**DOOSAN / MOXY ARTICULATED DUMP TRUCKS**

Models: MT40, DA30-5\*, DA45-5\*

## DON'T SEE YOUR MACHINE?

K-Tec construction scrapers are being pulled around the globe by everything from bulldozers to rigid frame haulers. Interested to see if we have a solution for you? Our talented team of engineers and designers are constantly expanding our scraper solution compatibility and would love to work with you. Contact us at [sales@kagroup.com](mailto:sales@kagroup.com) to find out more.

\*Models in development. Available upon request.

# THE K-TEC ADVANTAGE

K-Tec's purpose-built scrapers have superior durability. From the sweltering sand of Saudi Arabia to the high-altitude mines of the Andes Mountains, 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. K-Tec's Massive Advantage becomes apparent when contractors witness these impressive earthmovers working in their own material more efficiently than they could have ever imagined.



## WARRANTY

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Our durable groundbreaking scrapers are backed by a 3-year structural / 6 months 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 gooseneck hitch pole and quick attach hookup allowing 30% of the scraper's load weight to be transferred directly to the point where the truck is designed to carry weight.



## LOW MAINTENANCE

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Only 5 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.

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



## CONTAINER SHIPPING

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Several K-Tec models feature an innovative bolt-together design and thus 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.



# EVERY JOBSITE

At K-Tec, we understand that your earthmoving situation is unique. K-Tec strives to provide innovative earthmoving solutions for any application. We listen to your needs and present custom options to get the job done right. K-Tec is flexible and willing to assess your custom earthmoving needs. K-Tec's scrapers have been instrumental in transforming landscapes globally, improving quality of life in the following work applications:



## SITE PREPARATION

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



## LAND FORMATION

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



## MINING

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



## AGRICULTURE

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



## ROAD BUILDING

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



## COAL PROCESSING

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



**K-TEC 1237ADT + VOLVO A40G**  
Moving Topsoil in TEXAS, USA



▶  
**WATCH THIS  
1237 ADT 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 ADT

The K-Tec 1228 ADT is a mighty machine with nimble maneuverability. K-Tec's lowest cost ADT scraper provides high production on smaller job sites with tough conditions. The solid-welded, rigid-frame 1228 ADT carries a heaped capacity of 28 cubic yards / 21.4 cubic metres. The 1228 ADT is an attractive choice for contractors to transform older or idle 25 to 35 ton ADT's in their fleet into efficient and versatile scraper haulers.

**K-TEC 1228ADT + VOLVO A25G**  
Stripping topsoil in TEXAS, USA



Sand • Texas



Sand • Denmark



Topsoil • England

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
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
Bucket Dimensions	12' W x 4' H x 11' L	3.66 m W x 1.22 m H x 3.35 m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	14'	4.27 m
Overall Height	9' 1"	2.77 m
Overall Length	34' 7"	10.55 m
Shipping Weight	32,744 lb	14,853 kg

See complete detailed specifications on pages 58 + 59

## FEATURES



MINIMAL  
MAINTENANCE



HIGH TENSILE  
STEEL



WEIGHT  
TRANSFER



CUSHION  
RIDE



SELF LOAD



TOP LOAD



PUSH LOAD



GPS / LASER  
ADAPTABLE



3 YEAR  
WARRANTY



RORO  
SHIPPING

ISO 9001



CERTIFIED

CERTIFIED

A close-up photograph of a yellow K-Tec 1228 wheel loader's tire. The tire features a prominent, offset tread pattern with large, rounded lugs. The machine's yellow frame and suspension components are visible in the background. The scene is set on a dirt surface under a clear sky.

# 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.



HARDOX  
BLANK BODY

HARDOX  
BLANK BODY

**K-TEC**

**1228**

CAMSD



# 1237 ADT

The K-Tec 1237 ADT is a ruggedly versatile earthmover, making it K-Tec's most popular ADT scraper favored for equipment fleets. The modular 1237 ADT scraper's bolt-together design allows for affordable international container shipment and simple maintenance. This fast, strong, multi-purpose machine, carrying a heaped capacity of 37 cubic yards / 28.3 cubic metres, is a powerful worker in any soil condition or job site application.

**K-TEC 1237ADT + VOLVO A45G**  
Moving red clay in NORTH CAROLINA, USA



Topsoil • Colorado



Clay • Japan



Gravel • Wyoming

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Heaped Capacity (ISO)	37 yd <sup>3</sup>	28.28 m <sup>3</sup>
Struck Capacity	20.25 yd <sup>3</sup>	15.5 m <sup>3</sup>
Max Loading Rating	88,000 lb	39,916 kg
Bucket Dimensions	12' W x 4' 3" H x 12' 10" L	3.66 m W x 1.29 m H x 3.91 m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	14'	4.27 m
Overall Height	10'	3.04 m
Overall Length	36' 6"	11.13 m
Shipping Weight	39,130 lb	17,749 kg

See complete detailed specifications on pages 58 + 59

# FEATURES



MINIMAL MAINTENANCE



HIGH TENSILE STEEL



WEIGHT TRANSFER



CUSHION RIDE



SELF LOAD



TOP LOAD



PUSH LOAD



GPS / LASER ADAPTABLE



3 YEAR WARRANTY



CONTAINER SHIPPING

ISO 9001



CERTIFIED

CERTIFIED







**WATCH THIS  
1237 ADT  
IN ACTION**





# 1243 ADT

When a job with long haul roads requires larger capacity, the K-Tec 1243 ADT excels, even in the toughest conditions. The 1243 ADT scraper's bolt-together design allows for affordable international container shipping and simple maintenance. While proficient in self-loading, the standard roller push block on the back of the scraper is smoothly matched for push support loading for swift cycle times of the 43 cubic yard / 33 cubic metre heaped capacity scraper.

**K-TEC 1243ADT + VOLVO A60H**  
Hauling topsoil in TEXAS, USA



Sand • Illinois



Rock • Australia



Clay • Canada

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Heaped Capacity (ISO)	43 yd <sup>3</sup>	32.88 m <sup>3</sup>
Struck Capacity	25.7 yd <sup>3</sup>	19.65 m <sup>3</sup>
Max Loading Rating	103,200 lb	46,810 kg
Bucket Dimensions	12' W x 5' H x 13' 5" L	3.66 m W 1.52 m H x 3.84 m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	14'	4.27 m
Overall Height	10' 11"	3.34 m
Overall Length	40' 2"	12.25 m
Shipping Weight	49,450 lb	22,430 kg

See complete detailed specifications on pages 58 + 59

# FEATURES



MINIMAL MAINTENANCE



HIGH TENSILE STEEL



WEIGHT TRANSFER



AUTOMATIC CUSHION RIDE



SELF LOAD



TOP LOAD



PUSH LOAD



GPS / LASER ADAPTABLE



3 YEAR WARRANTY



CONTAINER SHIPPING

ISO 9001



CERTIFIED

CERTIFIED



# 1237 ADT TANDEM

The K-Tec 1237 ADT Tandem doubles efficiency by pulling two 1237 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 combined heaped capacity of 74 cubic yards / 56.6 cubic metres. The 1237 ADT 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.

**K-TEC 1237ADT TANDEM + VOLVO A40G**  
Hauling granite in WYOMING, USA



GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Combined Heaped Capacity (ISO)	74 yd <sup>3</sup>	56.57 m <sup>3</sup>
Combined Struck Capacity	40.5 yd <sup>3</sup>	30.9 m <sup>3</sup>
Max Loading Rating	176,000 lb	79,832 kg
Bucket Dimensions	12' W x 4' 3" H x 12' 10" L	3.66 m W x 1.29 m H x 3.91 m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	14'	4.27 m
Overall Height	11'1", 10'	3.4 m, 3.04 m
Overall Length	36'6" / 36'6"	11.13 m, 11.13 m
Shipping Weight	41,570 lbs, 39,130 lbs	18,855 kgs, 17,749 kgs

See complete detailed specifications on pages 58 + 59

# FEATURES



MINIMAL MAINTENANCE



HIGH TENSILE STEEL



WEIGHT TRANSFER



CUSHION RIDE



SELF LOAD



TOP LOAD



PUSH LOAD



GPS / LASER ADAPTABLE



3 YEAR WARRANTY



CONTAINER SHIPPING

ISO 9001



CERTIFIED

CERTIFIED



# FB4X



**K-TEC**

**EJB 4X**



**WATCH THE EJB4X  
40 TON EJECTOR BODY  
WALK AROUND**



# KEEP SAFETY AT THE CENTER

Converting your articulated hauler from a dump body to an ejector body allows you to safely eject loaded material in areas with reduced overhead clearance or uneven surfaces.



## BOLT TOGETHER & BOLT-ON

The K-Tec EJB's patent-pending, bolt-together design also makes for affordable overseas shipments and ease of repair. The flexible bolt-on design can be installed on new or used machines without any modifications, which are required for competing solutions. This unique design increases versatility as it allows easy changes between ejector body, regular dump body, and scraper application.

## TAILOR-MADE FOR VOLVO ARTICULATED HAULERS

The EJB4X was engineered in close collaboration between K-Tec and Volvo. K-Tec's years of earthmoving equipment manufacturing experience combined with Volvo's pioneering conceptual knowledge create the perfect ejector body solution made specifically for Volvo Articulated Haulers.







## SMOOTH & FAST

Increase your jobsite efficiency and productivity with the EJB's smooth material ejection and fast retract time.

SPECIFICATIONS		
Heaped Capacity (ISO)	42.3 sh tn / 30.2 yd <sup>3</sup>	38.4 Tonnes / 23.1 m <sup>3</sup>
Max Load Rating	84,560 lb	38,356 kg
Telescopic Cylinder Dimensions	14' 9" Stroke	4.49 m Stroke
Eject Time Loaded	12-14 Seconds	12-14 Seconds
Retract Time Empty	12-14 Seconds	12-14 Seconds
Mudflaps	Standard	Standard
Bolt-Together Design	Standard	Standard

TRANSPORT DIMENSIONS		
Overall Width	134.4"	3.41 m
Overall Length (incl. Spill Guard)	253.6"	6.44 m
Overall Height (incl. Spill Guard)	89.5"	2.27 m
Overall Weight	15,255 lb	6,920 kg

## FEATURES



HIGH TENSILE  
STEEL



SAFE UNLOAD



FAST EJECT /  
RETRACT



TOP LOAD



BOLT TOGETHER  
DESIGN



CONTAINER  
SHIPPING



1 YEAR STRUCTURAL  
6 MONTHS PARTS &  
LABOR WARRANTY

ISO 9001

CERTIFIED



CERTIFIED



**METALCRAFT**

**I M P L E M E N T S**



# INTRODUCING IMPLEMENTS BY METALCRAFT



Starting in 2024, all K.A. Group implement products will take on the Metalcraft brand. We are excited to roll out this branding change opening up Metalcraft implement products to all of our authorized dealers. The complete list of products includes:

**RL12** ROLLER LEVELER

**RG12 / RG14** ROAD GRADER

**14LL / 16LL / 18LL / 20LL** LAND LEVELERS

**3217-14WD / 3620-14WD / 4220-14WD** DISC HARROWS

**OX BLOCK** PUSHLOADING TRACTOR ATTACHMENT



# RL12

## CONSTRUCTION ROLLER LEVELER

With the RL12 construction roller leveler, contractors can level and pack soil fast to improve drainage before a downpour. This practice allows them to get back to earthmoving sooner after the rain has passed. When equipped with optional tilt functionality, the RL12 can also be used to crown roads and create slopes. Contractors can achieve increased productivity and less wear on their earthmoving equipment when maintaining smooth haul roads with the RL12. It is also a great finishing tool to put the final touches on a job.



STANDARD RL12		
Specifications	Imperial	Metric
Overall Length	20' 1"	6.14 m
Height (Extended)	8' 2"	2.49 m
Overall Width	12'	3.66 m
Drum Width	11' 1"	3.39 m
Drum Diameter	3' 6"	1.06 m
Empty Weight	12,165 lb	5520 kg
Weight Water Filled	16,865 lb	7652 kg
Max Water Volume	565 US gal	2140 L
Max Water Weight	4700 lb	2132 kg
Grease Points	9	9
Transport Length	8' 7"	2.6 m
Transport Height	6' 11"	2.1 m
Transport Width	18' 6"	5.63 m

OPTIONAL FEATURES		
Blade Tilt		
Max. Tilt Angle	6 degrees	6 degrees
Edge to Edge Height	14.8"	375 mm
Additional Weight	+410 lb	+186 kg
Transport Wheels		
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	
Additional Weight	+988 lb	+448 kg

## RECOMMENDED POWER UNIT

Utility Tractor



250HP +/-186 KW +

# FEATURES



GPS / LASER ADAPTABLE



90° TURNING RADIUS



MECHANICAL SLOPE METER



OPTIONAL 1 OR 2-WAY BLADE TILT



BOLT ON HITCH POLE FOR EASY TRANSPORT



CONTAINER SHIPPING



ISO 9001

1 YEAR STRUCTURAL  
6 MONTHS PARTS &  
LABOR WARRANTY

CERTIFIED



CERTIFIED



**HEAVY DUTY  
CONSTRUCTION**

 **14**  
BLADES

**11'** CUTTING  
WIDTH

**190-620**  
RECOMMENDED  
HORSEPOWER 

# DISC HARROWS

Metalcraft heavy-duty construction wheeled disc harrows provide industry-leading performance. Each of our disc harrow models has the penetrating force to handle the toughest wet or dry soil mixing, road building, land and mine reclamation projects. The 3217-14WD, 3620-14WD and 4220-14WD are the perfect addition to your complete earthmoving team. Put our

disc harrows to work on your toughest construction challenges and watch your productivity increase. Manufactured with the highest quality discs in the world to tear up the soil in any situation. With our largest models at a total transport width of 11'7", these machines are easy to move between job sites which saves 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)



# **RG 14**

## **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. The Metalcraft RG implement is available in 13' (3.96 m) and 14' (4.27 m) cutting widths. Make quick work of finishing tasks with the RG's multi-blade design. Smooth your cut zone with your RG to reduce "duck walking" and bouncing while scraping - increasing your loading efficiency.





**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 RIPPER**

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

Our heavy-duty box levelers thrive in the construction and agricultural industry. These land levelers are intentionally designed for excellence in maintaining haul roads, precision leveling, and field drainage. All land leveler models incorporate a folding hitch pole that converts the leveler to legal road width compliance when transporting between job sites. The walking back axles on all models keep the blade stable at all angles. A rear hitch option is also available for towing additional implements. Standard tilt functionality with 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. Easily visible blade height indicators above cylinders ensure you'll make the right grade.

## LEVELER VS GRADER

	Metalcraft 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	14 - 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.



# 14-20' CONSTRUCTION LEVELERS

Metalcraft land levelers have the largest drag capacity on the market. Our land levelers help contractors score a perfect grade on construction haul roads with these effective machines. A smooth haul road allows for faster cycle times and less structural damage to equipment. Metalcraft construction levelers range from 14' to 20' / 4.2 m to 6 m widths and can drag between 11 - 16 cubic yards / 8.4 - 12.2 cubic meters.

# CONSTRUCTION LEVELER SPECIFICATIONS

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

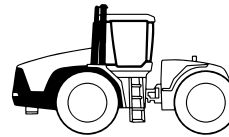
## RECOMMENDED POWER UNITS

Utility Tractor



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

Articulating Tractor



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

## BLADE CONFIGURATIONS



8" (203 mm) Curved Grader Blade



Straight Flat Cutting Edge



Serrated 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



# OX BLOCK VS DOZER

Although our scrapers are designed to efficiently self-load, there are always additional options to increase speed and productivity. The Metalcraft Ox Block designed for Case Steiger Quadtrac and wheeled tractors is the perfect solution for a cost-effective, nimble and fast bulldozer alternative. The Ox Block replaces tractor suitcase weights for balanced performance and is optimized for pushing all types of scrapers. Cushion push technology with hydraulic cylinders reduces impact shock on the tractor frame and scraper making for smoother push-loading assistance. Pull another scraper, land leveler or disc harrow with this tractor and turn it into a multipurpose earthmoving support machine.



	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)	13'+ (4 m+) More susceptible to tire damage

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



# ***OX BLOCK***

## **TRACTOR PUSH-LOADING ATTACHMENT**

The Ashland 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. Comparing the Ox Block to a bulldozer, contractors will see increased fuel efficiency while reducing undercarriage costs by a minimum of 50% while obtaining substantially higher speeds in the cut zone.







## 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

- 

**PUSH BLOCK AREA**
- 

**HIGH TENSILE STEEL**
- 

**LED LIGHTS**
- 

**CUSHION PUSH TECHNOLOGY**
- 

**CONTAINER SHIPPING**
- 

**1 YEAR STRUCTURAL  
6 MONTHS PARTS &  
LABOR WARRANTY**
- 

**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

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



## HOLD ONTO YOUR CASH

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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

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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

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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

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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 The cutting blades serve as ground-engaging blades to dig in to the earth. Selecting the proper blade configuration and profile increases job site efficiency as contractors can customize their scraper based on the material in which they are working.		1228 ADT	1237 ADT	1237 ADT Front unit	1243 ADT
	<b>TAPERED DROP DOWN CENTER BLADE</b> The standard K-Tec center blade is ideal for most conditions and soil types.	STANDARD	STANDARD	STANDARD	STANDARD
	<b>NON TAPERED DROP DOWN CENTER BLADE</b> The aggressive profile is ideal for sandy conditions when maximum ground penetration is not as critical.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
	<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.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
	<b>FLAT PROFILE (FULL WIDTH)</b> The flat straight profile achieves a smooth and precise finish.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
	<b>SERRATED PROFILE (FULL WIDTH)</b> The serrated straight blade increases ground penetration and assists in breaking up material.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
	<b>AGGRESSIVE STAGGERED OPTION (FULL WIDTH)</b> The staggered teeth sections assist in breaking up material and increase ground penetration.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
ROUTER BITS					
	<b>STANDARD ROUTER BIT POSITION</b> The standard router bit setting is for less aggressive cuts.	STANDARD	STANDARD	STANDARD	STANDARD
	<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.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
	<b>TUNGSTEN COATED ROUTER BIT</b> The tungsten coated router bits extend the life of blades in extremely abrasive wear conditions.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION
	<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.	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION	COMPATIBLE OPTION

STANDARD ■  
 COMPATIBLE OPTION ■





1228 ADT	1237 ADT	1237 ADT Front unit	1243 ADT
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ADDITIONAL OPTIONS

	<p><b>ROCK PICKS</b>          Rock picks assist in removing rocks from the scraper tires in rocky jobsite applications.</p>	■	■	■	■
	<p><b>MUD SCRAPERS</b>          Mud scrapers assist in removing mud from the scraper tires in muddy jobsite conditions.</p>	■	■	■	■
	<p><b>HEIGHT GAUGE</b>          Provides the operator with a visual reference for rear scraper bowl height or cutting depth in tandem configuration.</p>	■	■	■	■
	<p><b>15" RACK EXTENSION</b>          The 15" rack extension increases the overall scraper load capacity and prevents material from falling back onto the front unit hydraulics. Installed on top of standard K-Tec rack.</p>	■	■	■	■
	<p><b>36" RACK EXTENSION</b>          The 36" rack extension increases the overall scraper load capacity and prevents slabby material from falling back onto the tires. Mounted to scraper bowl.</p>	■	■	■	■
	<p><b>GPS / LASER MOUNT EXTENSION</b>          Extension tube bracket bolted to the laser mount above the cutting blade for attaching laser or GPS mast equipment.</p>	■	■	■	■
	<p><b>4 CALIPER BRAKES</b>          The 4 caliper braking system provides additional security and control in steep uneven conditions.</p>	■	■	■	■
	<p><b>MINE VERSION BOWL SKINS</b>          Reinforced heavier plate, wear-resistant Hardox steel floor for mining applications.</p>	■	■	■	■

# K-TEC SCRAPER OPTIONS

STANDARD ■  
COMPATIBLE OPTION ■

		1228 ADT	1237 ADT	1237 ADT Front Unit	1243 ADT
<b>FINE MATERIAL PACKAGE</b>					
    	<b>Full Package</b> The full fine material 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 and ADT Power Unit Fender Extension</b> Fine material spray prevention increases machine longevity and exterior material buildup		■	■	
<b>Specialty Cutting Blade Configuration</b> (Full Fine Serrated profile)		■	■		
<b>COMPATIBLE TIRES &amp; GROUND PRESSURE SPECIFICATIONS</b>		1228 ADT	1237 ADT	1237 ADT Front Unit	1243 ADT
K-Tec provides a variety of scraper tire sizes for contractor consideration. The scraper tire size can increase the maximum load capacity and flotation or decrease rolling resistance of the unit for overall productivity.		<b>GROUND PRESSURES IN PSI &amp; KPa</b>			
	23.5 R25 Tires	24-28 PSI 165-193 kPa			
	26.5 R25 Tires		26-30 PSI 179-206 kPa	32-36 PSI 220-248 kPa	
	29.5 R25 Tires				26-30 PSI 179-206 kPa
	29.5 R29 Tires				22-26 PSI 151-179 kPa
	24.00 R35 Tires				31-35 PSI 213-241 kPa

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





**EARTHMOVING  
SOLUTIONS FOR  
ANY APPLICATION**

# K-TEC SCRAPER SPECIFICATIONS

IMPERIAL

SPECIFICATIONS	1228 ADT	1237 ADT	1243 ADT	1237 ADT TANDEM
Heaped Capacity (ISO)	28 yd <sup>3</sup>	37 yd <sup>3</sup>	43 yd <sup>3</sup>	74 yd <sup>3</sup>
Struck Capacity	18.5 yd <sup>3</sup>	20.25 yd <sup>3</sup>	25.7 yd <sup>3</sup>	40.5 yd <sup>3</sup>
Max. Load Rating	68,000 lb	88,000 lb	103,200 lb	176,000 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 13' 5" L	12' W x 4' 3" H x 12' 10" L
Cutting Width	12'	12'	12'	12'
Cutting Blades	3-Piece Blade	3-Piece Blade	3-Piece Blade	3-Piece Blade
Gate Opening	6' 6"	6' 8"	6'	6' 8"
Turning Radius	30'	30'	30'	33'
Gate Cylinders	4.5" x 26.5"	5" x 26"	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"
Ejector Cylinder	5.5" x 76"	5.5" x 76"	5.5" x 76"	5.5" x 76"
Cutting Blade Clearance	28"	28"	27.5"	28"
Ball to Rear Axle Length	27' 6"	28' 9"	31' 9"	28' 9"
Rack Height (Tilt-able)	3'	4'	3' 9"	4'
Weight Distribution	30% Hitch, 70% Scraper Axle	30% Hitch, 70% Scraper Axle	28% Hitch, 72% Scraper Axle	30% Hitch, 70% Scraper Axle
4 Tires Standard	23.5 R25 Radial	26.5 R25 Radial	29.5 R25 Radial	26.5 R25 Radial (8 Tires)
Rec. Horsepower	313HP +	400 HP +	450 HP +	450 HP +
Mud Scraper & Rock Picks	Standard	Standard	Standard	Standard
Gate Extension	N/A	Standard	N/A	Standard
Front unit Scraper Structural Pkg.	N/A	N/A	N/A	Tail Hitch, Rack Ext.
Truck Fender & Catwalk System	Standard	Standard	Standard	Standard
<b>OPTIONAL FEATURES</b>				
Radial Tires	1050/50 R32 (2)	N/A	29.5 R29, 24 R35 (4)	N/A
4 Caliper Disc System	Optional	Optional	Optional	Optional
15" Rack Extension	N/A	Optional	N/A	Standard on front unit
36" Rack Extension	Optional	N/A	N/A	N/A
Height Gauge	N/A	Optional	N/A	Standard on rear unit
Mine Version	N/A	Optional	N/A	Optional
Fine Material Package	N/A	Optional	N/A	Optional
<b>SHIPPING DIMENSIONS</b>				
Overall Width	14'	14'	14'	14'
Overall Height	9' 1"	10'	10' 11"	11' 1", 10'
Overall Length	34' 7"	36' 6"	40' 2"	36' 6", 36' 6"
Shipping Weight	32,744 lb	39,130 lb	49,450 lb	41,570 lb, 39,130 lb
Overseas Shipping	Roll-on Roll-off	40' Highcube container	40' Highcube container	40' Highcube container (2)

Specifications are subject to change without notice.

# K-TEC SCRAPER SPECIFICATIONS

METRIC

SPECIFICATIONS	1228 ADT	1237 ADT	1243 ADT	1237 ADT TANDEM
Heaped Capacity (ISO)	21.4 m <sup>3</sup>	28.28 m <sup>3</sup>	32.88 m <sup>3</sup>	56.57 m <sup>3</sup>
Struck Capacity	14.1 m <sup>3</sup>	15.5 m <sup>3</sup>	19.65 m <sup>3</sup>	30.9 m <sup>3</sup>
Max. Load Rating	30,844 kg	39,916 kg	46,810 kg	79,832 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 1.52 m H x 3.84 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
Cutting Blades	3-Piece Blade	3-Piece Blade	3-Piece Blade	3-Piece Blade
Gate Opening	1.98 m	2.03 m	1.83 m	2.03 m
Turning Radius	9.1 m	9.1 m	9.1 m	10 m
Gate Cylinders	114 mm x 673 mm	127 mm x 711 mm	152 mm x 660 mm	127 mm x 660 mm
Lift Cylinders	140 mm x 813 mm	140 mm x 813 mm	152 mm x 965 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
Cutting Blade Clearance	0.71 m	0.71 m	0.69 m	0.71 m
Ball to Rear Axle Length	8.38 m	8.77 m	9.69 m	8.77 m
Rack Height (Tilt-able)	0.91 m	1.22 m	1.14 m	1.22 m
Weight Distribution	30% Hitch, 70% Scraper Axle	30% Hitch, 70% Scraper Axle	28% Hitch, 72% Scraper Axle	30% Hitch, 70% Scraper Axle
4 Tires Standard	23.5 R25 Radial	26.5 R25 Radial	29.5 R25 Radial	26.5 R25 Radial (8 Tires)
Rec. Horsepower	230 kW +	294 kW +	330 kW +	330 kW +
Mud Scraper & Rock Picks	Standard	Standard	Standard	Standard
Gate Extension	N/A	Standard	N/A	Standard
Front unit Scraper Structural Pkg.	N/A	N/A	N/A	Tail Hitch, Rack Ext.
Truck Fender & Catwalk System	Standard	Standard	Standard	Standard
<b>OPTIONAL FEATURES</b>				
Radial Tires	1050/50 R32 (2)	N/A	29.5 R29, 24 R35 (4)	N/A
4 Caliper Disc System	Optional	Optional	Optional	Optional
15" Rack Extension	N/A	Optional	N/A	Standard on front unit
36" Rack Extension	Optional	N/A	N/A	N/A
Height Gauge	N/A	Optional	N/A	Standard on rear unit
Mine Version	N/A	Optional	N/A	Optional
Fine Material Package	N/A	Optional	N/A	Optional
<b>SHIPPING DIMENSIONS</b>				
Overall Width	4.27 m	4.27 m	4.27 m	4.27 m
Overall Height	2.77 m	3.04	3.34 m	3.4 m, 3.04 m
Overall Length	10.55 m	11.13 m	12.25 m	11.13 m, 11.13 m
Shipping Weight	14,853 kg	17,749 kg	22,430 kg	18,855 kg, 17,749 kg
Overseas Shipping	Roll-on Roll-off	40' Highcube container	40' Highcube container	40' Highcube container (2)

Specifications are subject to change without notice.



K.A. GROUP





**SHAPING OUR WORLD  
FOR A BETTER TOMORROW**



K . A . G R O U P

K.A. Group is a global leader in the design, manufacture, and distribution of construction and agricultural earthmoving equipment. However, beyond the high-quality machinery that we produce we believe that in every interaction from within our own facilities, to our dealers, to those who operate our equipment and everywhere in between; we are...

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From the tough environment of construction earthmoving to annual field water management - if you have dirt to move, we have a solution for you. With earthmoving scrapers and implements for machines of all sizes and compatible with all the popular power unit brands, you're sure to find a machine that will improve your earthmoving efficiency. If it involves reshaping the earth, tearing it up, or finishing the grade to a perfect level - our earthmoving brands have you covered. With the K.A. Group, there's an earthmoving solution for everyone.

## OUR BRANDS





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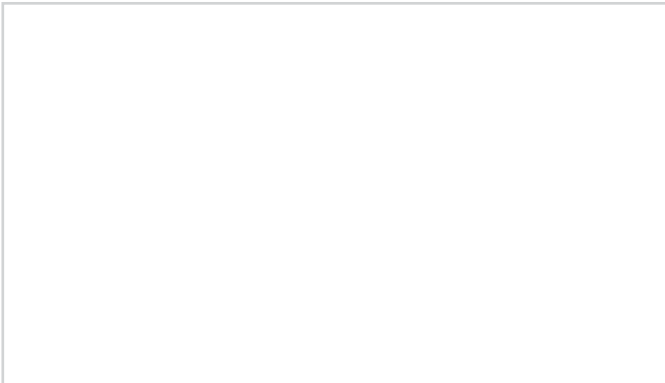
**EMAIL**

[sales@ktec.com](mailto:sales@ktec.com)

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YOUR LOCAL DEALER:



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K-Tec is an earthmoving  
equipment brand of  
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