

K-TEC™



K-TEC 1228 +
CASE 620 STEIGER

EARTHMOVING 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.





**WATCH THIS
1228 TANDEM
IN ACTION**



K-TEC 1228 TANDEM + CASE 620
Topsoil in MINNESOTA, 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 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 scraper solution.

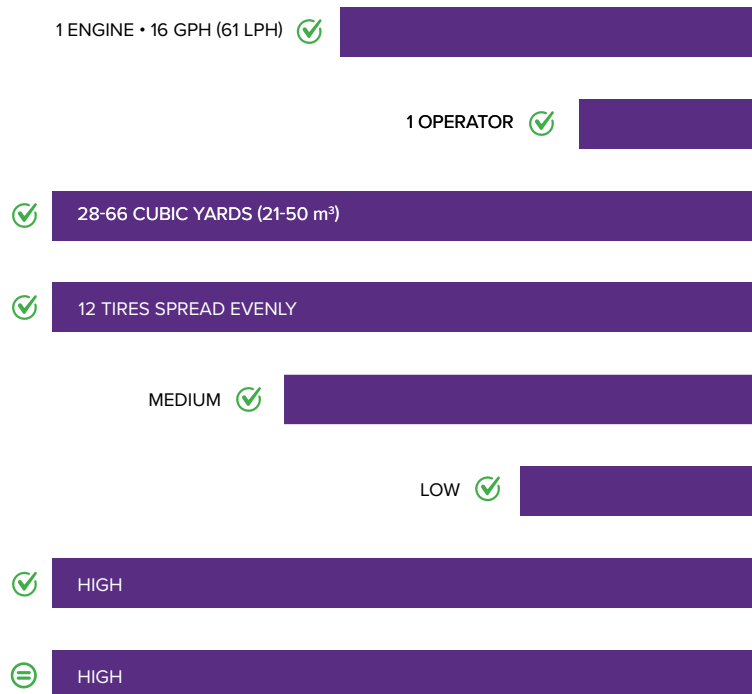


K-TEC SCRAPER + TRACTOR

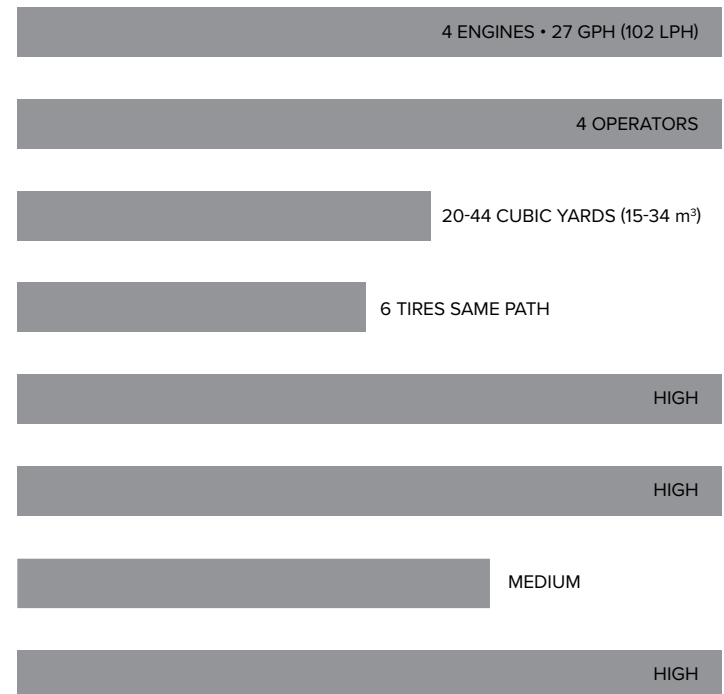
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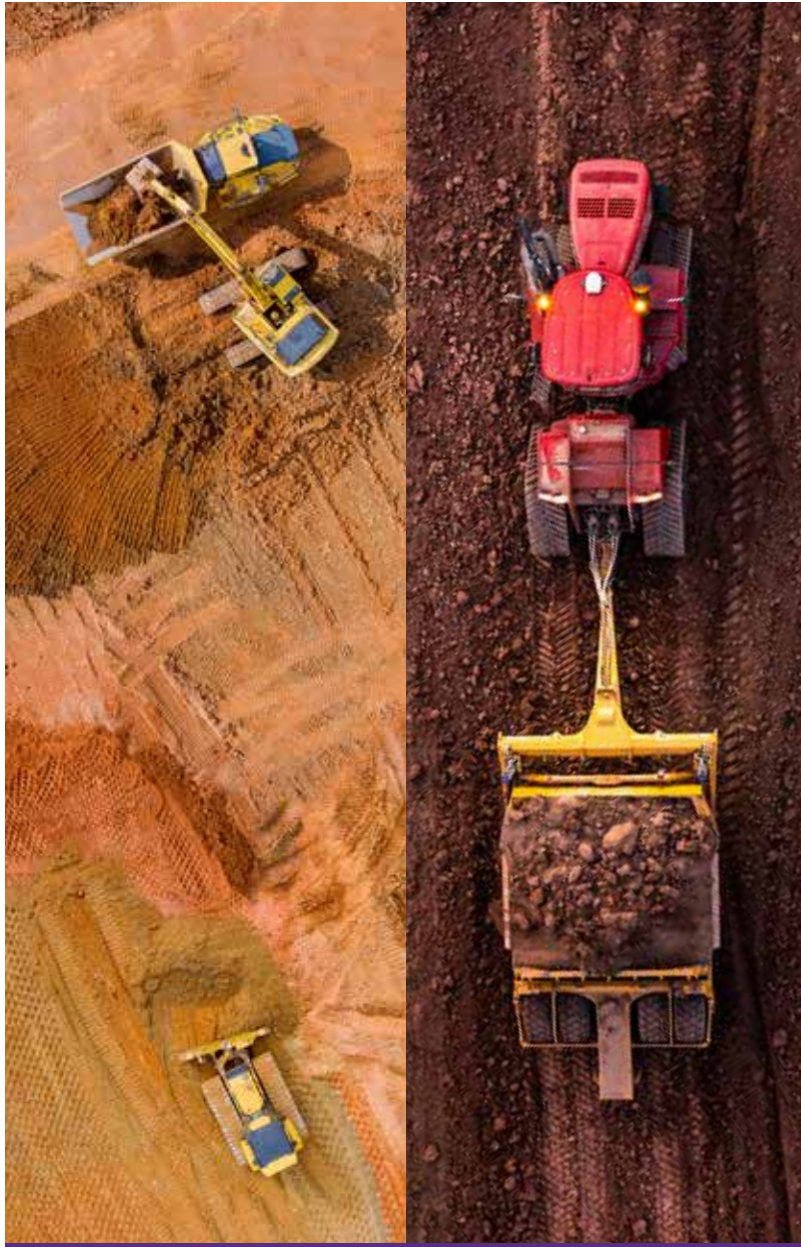
EXCAVATOR + ARTICULATED DUMP TRUCKS + DOZER



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



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 m³) 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 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 Scraper.



LOADING EFFICIENCY

With 8 wheels of tractive effort and optimal loading geometry, the K-Tec scraper boasts average loading times of 30-45 seconds. The K-Tec scraper is also highly effective at self loading; often filling up in the 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 the comfortable cab of tractor significantly decreases operator fatigue and increases productivity. K-Tec scrapers have only 5 daily grease points and utilize greaseless bushings allowing up to 1200 hours before replacement for minimal downtime maximizing productivity.

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.

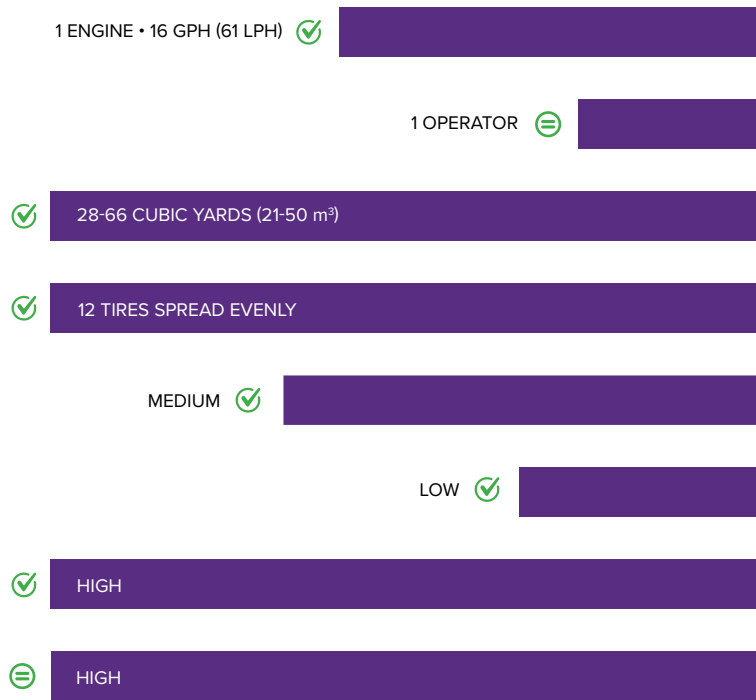


K-TEC SCRAPER + TRACTOR

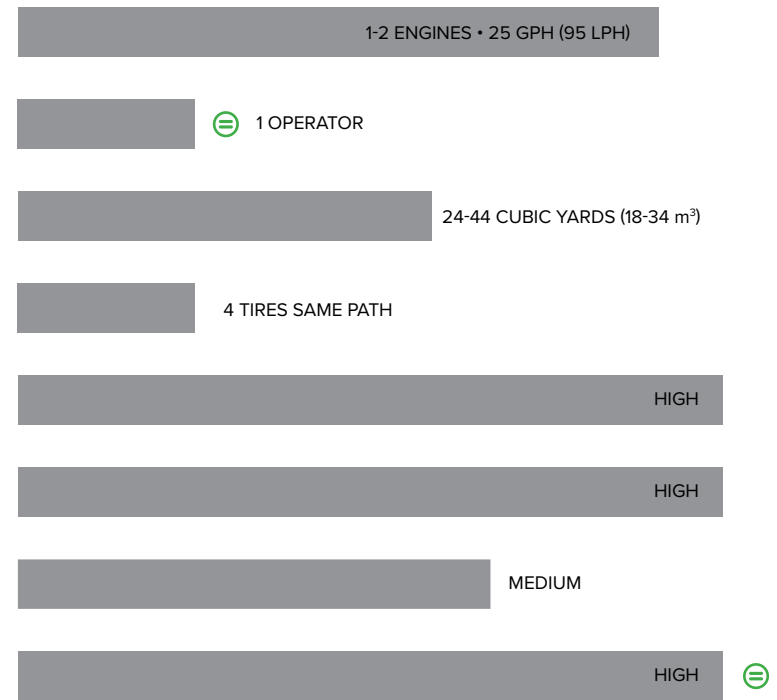
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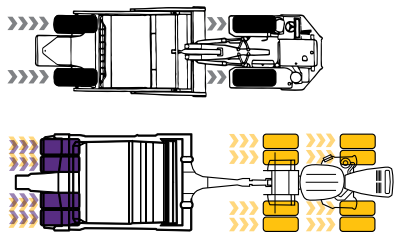
MOTOR SCRAPER



- 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

K-Tec scrapers excel in soft ground conditions. In comparison to traditional motor scrapers that only have 4 tires, the K-Tec and tractor combination has 12 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. 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.

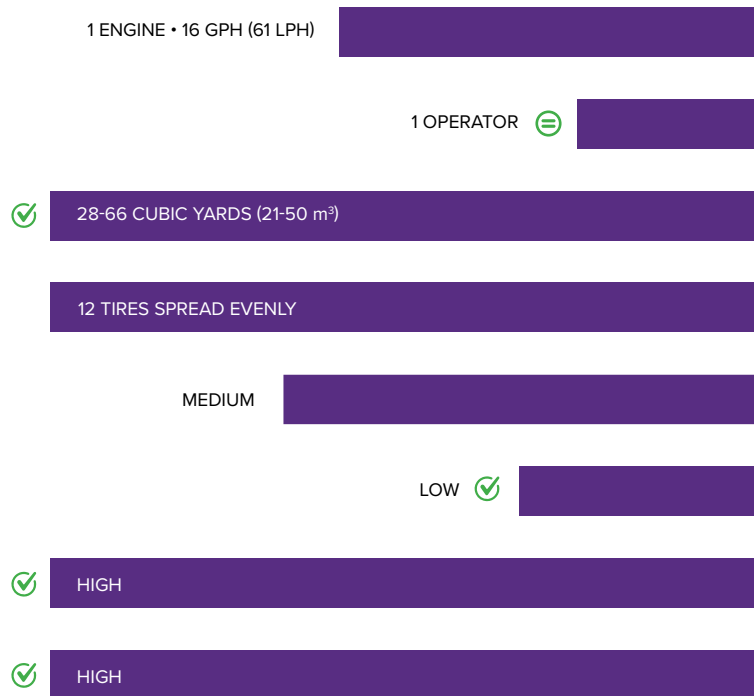


K-TEC SCRAPER + TRACTOR

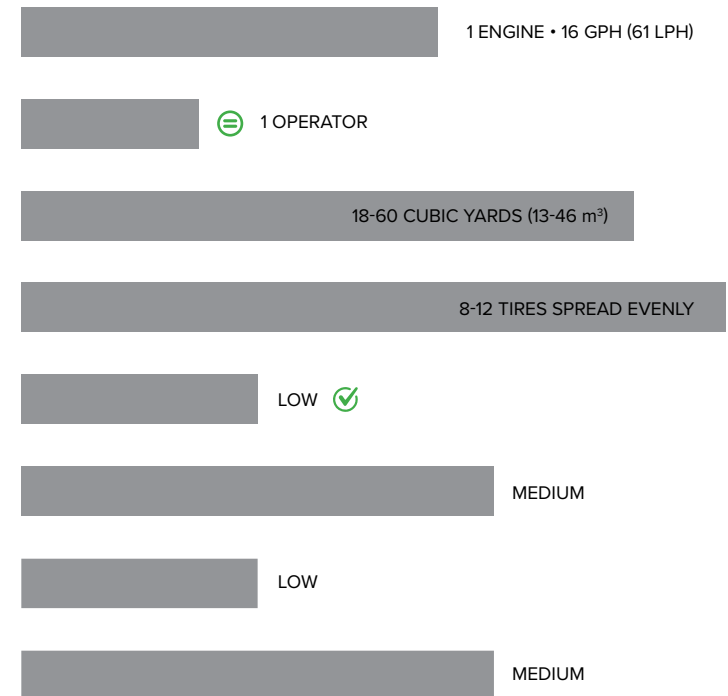
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COMPETITOR PULL PAN SCRAPERS



- 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 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.



CASE IH



AGCO



JOHN DEERE



VERSATILE



NEW HOLLAND



FENDT



KOMATSU



MTS



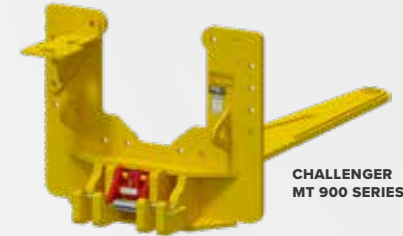
CASE STX
QUAD SERIES



CASE STX
WHEEL SERIES



JOHN DEERE
TRACK SERIES



CHALLENGER
MT 900 SERIES

TRACTOR HITCHES

K-Tec direct mount hitches are customized for a variety of power units to support your earthmoving success. The K-Tec Tractor Hitch is designed to hook up the K-Tec scraper in the optimal position for best weight transfer thereby reducing tractor wear and improving loading performance. Some of our most popular hitches are displayed above. Contact your local dealer or one of our knowledgeable sales representatives to discover our 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 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

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

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

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



HIGH TENSILE STEEL

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

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

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



CUSHION RIDE

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



EASY LOADING

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 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.

K-TEC 1228 + CASE 620
Stripping topsoil in WISCONSIN, USA



GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Heaped Capacity (ISO)	28 yd ³	21.4 m ³
Struck Capacity	18.5 yd ³	14.1 m ³
Max Loading Rating	68,000 lb	30,844 kg
Bucket Dimensions	12' W x 4' H x 11' L	3.66m W x 1.22m H x 3.35m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	14'	4.27 m
Overall Height	8' 10"	2.68 m
Overall Length	36' 7"	11.15 m
Shipping Weight	29,550 lb	13,403 kg

See complete detailed specifications on pages 56 + 57

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

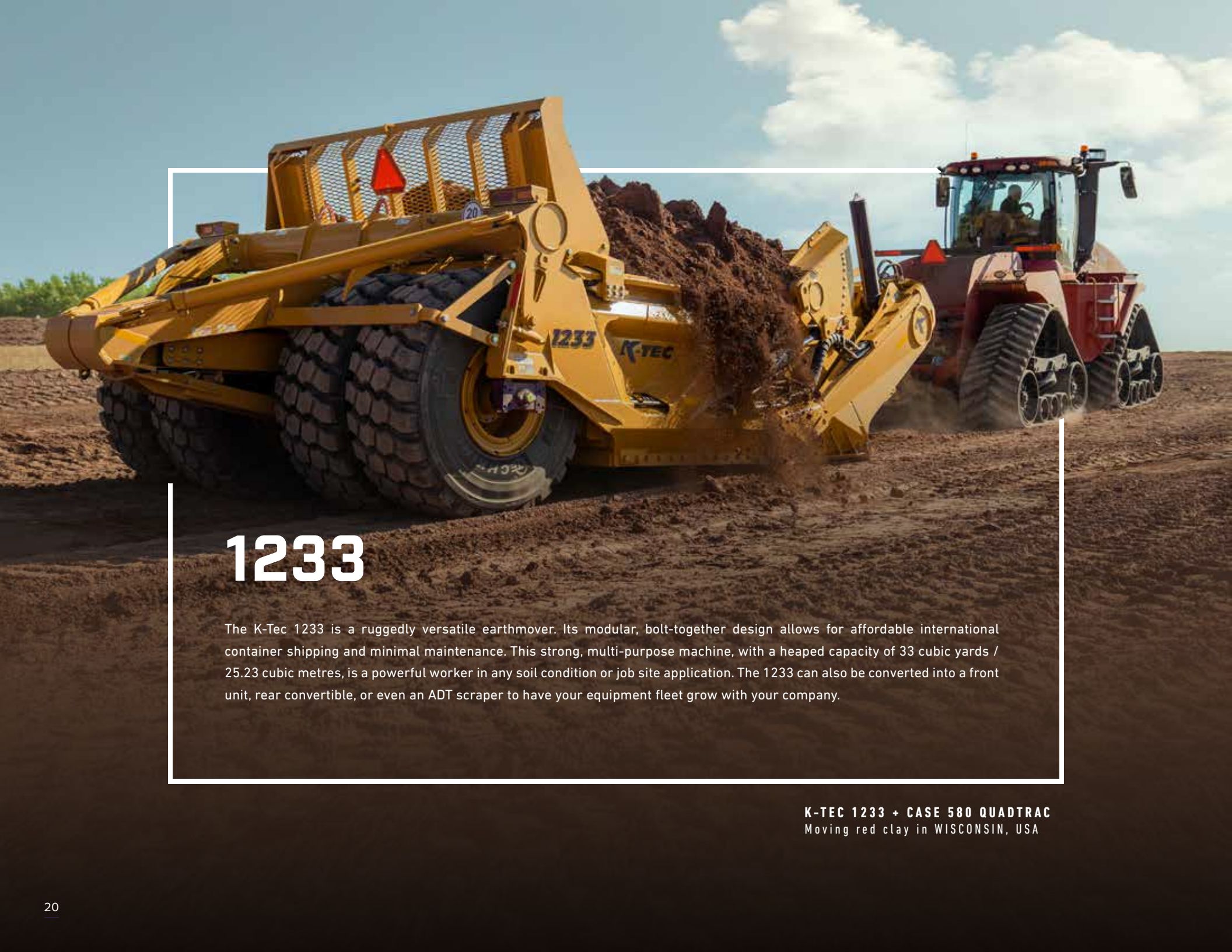
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1228 OFFSET WHEELS

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.

K-TEC 1233 + CASE 580 QUADTRAC
Moving red clay in WISCONSIN, USA



GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Heaped Capacity (ISO)	33 yd ³	25.23 m ³
Struck Capacity	19.7 yd ³	15.06 m ³
Max Loading Rating	80,000 lb	36,287 kg
Bucket Dimensions	12' W x 4' 3" H x 12' 10" L	3.66m W x 1.29m H x 3.91m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
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

See complete detailed specifications on pages 56 + 57

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
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.

K-TEC 1236 + CASE STEIGER 620
Hauling topsoil in WISCONSIN, USA



Topsoil • South Dakota, USA



Topsoil • Wisconsin, USA



Topsoil • Minnesota, USA

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Heaped Capacity (ISO)	36 yd ³	27.5 m ³
Struck Capacity	24 yd ³	18.35 m ³
Max Loading Rating	86,400 lb	39,191 kg
Bucket Dimensions	12' W x 5' H x 12' L	3.66m W 1.52m H x 3.66m L

TRANSPORT DIMENSIONS	IMPERIAL	METRIC
Overall Width	13' 10"	4.22m
Overall Height	10' 1"	3.09m
Overall Length	36' 10"	11.23 m
Shipping Weight	30,520 lb	13,843 kg

See complete detailed specifications on pages 56 + 57

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



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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.

K-TEC 1228 TANDEM + CASE 540 QUADTRAC
Hauling sand in NEW JERSEY, USA



Sand - Australia



Clay - Louisiana, USA



Clay - Minnesota, USA

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Combined Heaped Capacity (ISO)	56 yd ³	42.8 m ³
Combined Struck Capacity	37 yd ³	28.2 m ³
Max Loading Rating	136,000 lb	61,688 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	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	14,764 kg / 14,288 kg

See complete detailed specifications on pages 56 + 57

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



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.

K-TEC 1233 TANDEM + CASE 580
Hauling topsoil in NEBRASKA, USA



Topsoil • Kansas, USA



Topsoil • North Dakota, USA



Clay • Canada

GENERAL SPECIFICATIONS	IMPERIAL	METRIC
Combined Heaped Capacity (ISO)	66 yd ³	50.46 m ³
Combined Struck Capacity	39.4 yd ³	30.12 m ³
Max Loading Rating	160,000 lb	72,574 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'	4.27m
Overall Height	10'	3.04 m
Overall Length	38' 5" / 36' 8"	11.71 m / 11.18 m
Shipping Weight	37,831 lb / 38,747 lb	17,160 kg / 17,575 kg

See complete detailed specifications on pages 56 + 57

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



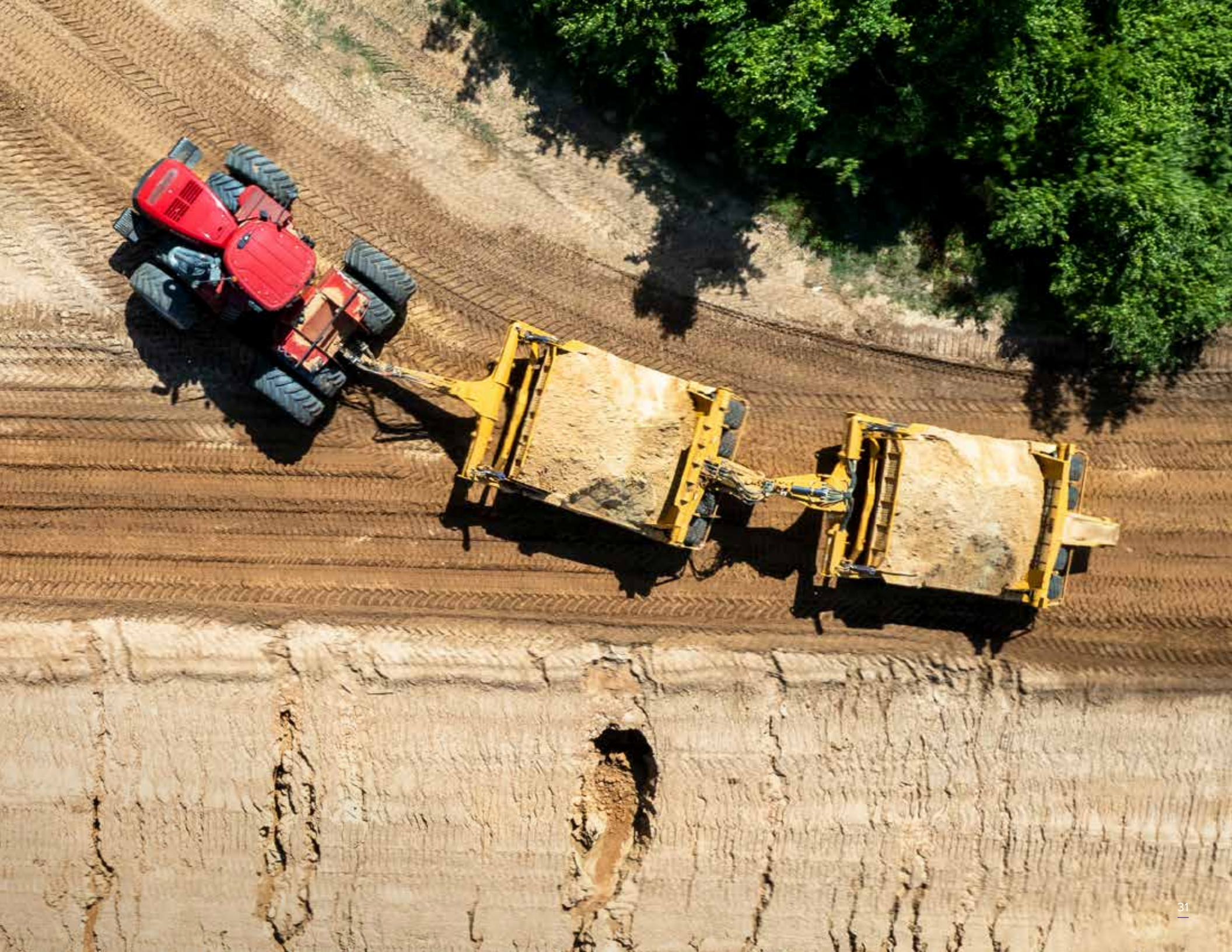
CERTIFIED

CERTIFIED

MOVE A MASSIVE 66 CUBIC YARDS WITH A TRACTOR



WATCH THIS
1233 TANDEM IN
ACTION





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 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

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 ³ (8.4 - 16.8 m ³)	Up to 5 yd ³ (3.8 m ³)
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 ³	8.7 m ³	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 ³	10 m ³	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 ³	11.1 m ³	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 ³	12.5 m ³	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

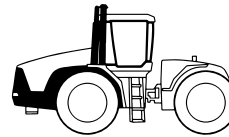
RECOMMENDED POWER UNITS

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

- 

6'
PUSH BLOCK AREA
- 

HIGH TENSILE STEEL
- 

LED LIGHTS
- 

CUSHION PUSH TECHNOLOGY
- 

CONTAINER SHIPPING
- 

1 YEAR STRUCTURAL 6 MONTHS PARTS & LABOR WARRANTY
- ISO 9001 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

dLL financial solutions
partner

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 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 for more information on submitting a warranty claim.











K-TEC SCRAPER OPTIONS


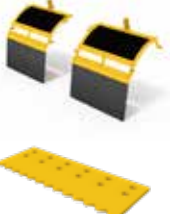
CUTTING BLADES & ROUTER BITS		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
	TAPERED DROP DOWN CENTER BLADE The standard K-Tec center blade is ideal for most conditions and soil types.	Standard	Standard	Standard	Standard	Standard	Standard	Standard
	NON TAPERED DROP DOWN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


		STANDARD ■						
		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
YOKES 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.								
    	K-TEC K-Tec yoke connects scraper to tractor hitch. (Pin not included)							
	ASHLAND/REYNOLDS Replaces standard yoke on K-Tec Scraper and connects scraper to Ashland tractor hitch or power unit. (Pin not included)							
	EJECT Replaces standard yoke on K-Tec Scraper and connects scraper to Eject tractor hitch or power unit. (Pin not included)							
	JD 60 MM 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)							
	JD 65 MM 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)							
HYDRAULIC TIPS 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.								
  	3/4" TIPS Hydraulic tips connect to power unit 3/4" connections and provide power to K-Tec Scraper.							
	1/2" TIPS (Replaces standard 3/4" K-Tec tips) Hydraulic tips connect to power unit 1/2" connections and provide power to K-Tec Scraper.							
	JIC TIPS (Replaces standard 3/4" K-Tec tips) 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.							
TRACTOR MODIFICATION OPTIONS								
	CASE STX - VALVE MANIFOLD CONVERSION 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
ADDITIONAL OPTIONS								
	ROCK PICKS Rock picks assist in removing rocks from the scraper tires in rocky jobsite applications.	■	■	■	■	■	■	■
	MUD SCRAPERS Mud scrapers assist in removing mud from the scraper tires in muddy jobsite conditions.	■	■	■	■	■	■	■
	HEIGHT GAUGE Provides the operator with a visual reference for rear scraper bowl height or cutting depth in tandem configuration.			■			■	
	15" RACK EXTENSION 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.				■	■	■	
	36" TRASH RACK 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.	■	■	■				■
	LASER MOUNT EXTENSION Extension tube bracket mounted to the laser mount above the cutting blade for attaching laser or GPS mast equipment.	■	■	■	■	■	■	■
	POWER BEYOND 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.	■	■	■	■	■	■	■
	4 CALIPER BRAKES The 4 caliper braking system provides additional security and control in steep uneven conditions.	■	■	■	■	■	■	■
	MINE VERSION BOWL SKINS Reinforced heavier plate, wear-resistant, Hardox steel floor for mining applications.				■	■	■	
GOOSENECK POSITION								
	TANDEM (UP POSITION) Gooseneck scrapers set to the up position are to be pulled by a front unit in tandem configuration.			■			■	
	SINGLE (DOWN POSITION) Gooseneck scrapers set to the down position are to be pulled by a power unit in single scraper configuration.			■			■	

FINE MATERIAL PACKAGE		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
	Full Package 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.							
	Sidewall to Gate Filler Spacers Spacers prevent fine material loss, thus increasing load capacity and efficiency.							
	Gate Extensions Extended gate bottom edge closes gap between cutting blade and gate preventing fine material loss.							
	Additional Gate Stops Stops fill subtle gaps between scraper bowl and gate, keeping fine material in the bowl.							
	Additional Mud Flaps on Scraper Fine material spray prevention increases machine longevity and exterior material buildup							
	Specialty Cutting Blade Configuration (Full Fine Serrated profile)							

COMPATIBLE TIRES & GROUND PRESSURE SPECIFICATIONS		1228	1228 Front unit	1228 Gooseneck	1233	1233 Front unit	1233 Gooseneck	1236
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.		GROUND PRESSURES IN PSI & KPA						
	1050/50 R32 Tires	24-28 PSI 165-193 kPa						
	23.5 R25 Tires	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
	26.5 R25 Tires				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 ³	33 yd ³	36 yd ³	56 yd ³	66 yd ³
Struck Capacity	18.5 yd ³	19.7 yd ³	24 yd ³	37 yd ³	39.4 yd ³
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	3-Piece Blade	3-Piece Blade	3-Piece Blade	3-Piece Blade	3-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 ³	25.23 m ³	27.5 m ³	42.8 m ³	50.46 m ³
Struck Capacity	14.1 m ³	15.06 m ³	18.35 m ³	28.2 m ³	30.12 m ³
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	3-Piece Blade	3-Piece Blade	3-Piece Blade	3-Piece Blade	3-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)

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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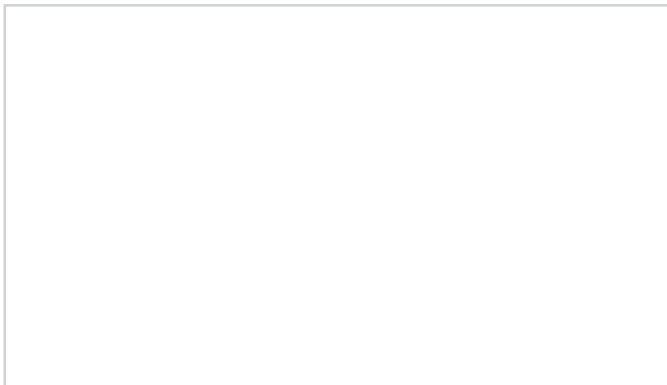
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YOUR LOCAL DEALER:



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K-Tec is an earthmoving
equipment brand of
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