

Global Solutions For The Long HaulSM



KRESS[®] K13

WHEEL TRACTOR SCRAPER





K13 11 yd³ WHEEL TRACTOR SCRAPER

Kress is proud to introduce the K13 11 yd³ (8.4 m³) Wheel Tractor Scraper to our lineup of heavy-duty industrial equipment. Based on the officially licensed design of the Cat® 613G, the K13 has been updated with the latest emissions technologies and launched under the Kress brand.

FEATURES

POWER TRAIN

- Cat® C7.1 engine (202 hp/151kW) delivers increased horsepower of 5% over the 613G and 8% over the 613C.
- Cat® C7.1 engine meets U.S. Environmental Protection Agency (EPA) Tier 4 Final/EU Stage IV engine emission standards.
- Complete Cat® power train delivers optimized performance, high productivity, low fuel consumption and superior reliability.

SCRAPER

- Standard 11 yd³ (8.4 m³) bowl heaped capacity.
- Updated elevator structure features a simpler and more robust design with fewer parts to service.
- Elevator pump designed to run at higher speeds for faster loading cycles.
- New elevator rollers include grease fittings for longer life.

OPERATOR STATION

- 30% larger cab offers greater operator visibility and comfort. The cab is equipped with air conditioning, heat, and an updated rotating comfort seat with ergonomic controls.
- Kress touch screen display replaces the gauge cluster and provides critical health messaging and alerts.



ADDITIONAL FEATURES

- Large capacity fuel tank able to run a full 10-12 hour shift.
- Updated hydraulic system utilizes a new tank design, hydraulically controlled brakes, pumps and valves to enhance efficiency and machine performance.
- Fully automated grade control option.
- Polyurethane coated harnesses, found across the hitch, are weather resistant and improve durability.

SPECIFICATIONS

GENERAL DATA

Overall Width	2430 mm
Overall Shipping Height	3190 mm
Scraper Capacity	
Struck	6.8 m ³
Heaped	8 m ³
Rated Load	11,975 kg
	12 tonnes
Width of Cut	2430 mm
Depth of Cut - max	160 mm
Depth of Spread - max	571 mm

Top Speed (loaded)	24.4 mph	39.3 km/h
Turning Width 180°	29' 4"	8.93 m
Tires:		
Tractor Drive	23.5R25 GP-2B	
Scraper	23.5R25 GP-2B	
Operating Weight (empty)	41,820 lb	18,969 kg
Overall Length	410.2 in	10,419 mm
Elevator Flight Spacing	16 in	406 mm
Number of Flights	15	

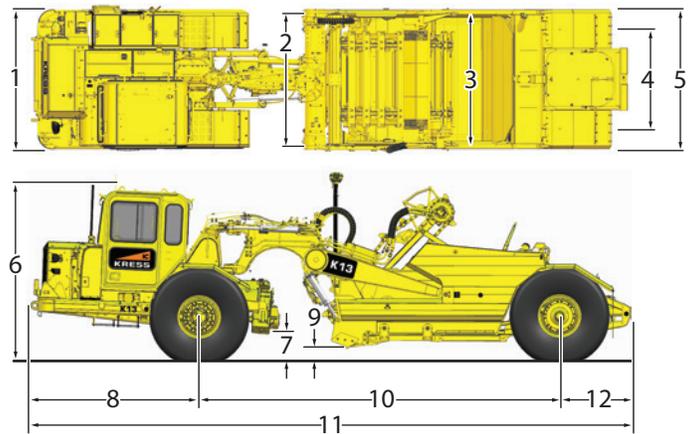
SERVICE REFILL CAPACITIES

Fuel Tank	95 gal	359.6 L
Crankcase	4 gal	15 L
Transmission	9.2 gal	35 L
Differential	5 gal	19 L
Final Drive (each side)	1.5 gal	5.8 L
Cooling System	10.2 gal	38.5 L
Hydraulic Reservoir	57 gal	216 L
DEF Tank	4.2 gal	16 L

DIMENSIONS

All dimensions are approximate

	in	mm
1. Width - tractor	95.7	2430
2. Width of cut, to router bits	95.7	2430
3. Width - inside of bowl	86.7	2203
4. Width - rear tire center lines	70.7	1797
5. Width - outside rear tires	95.7	2430
6. Height - overall shipping	125.6	3190
7. Ground clearance - tractor	14.4	367
8. Front of tractor to front axle	115.5	2934
9. Height - scraper blade maximum	22.5	571
10. Wheelbase	246.6	6264
11. Length - overall machine	410.2	10,419
12. Rear axle to rear of machine	48.1	1221



STANDARD EQUIPMENT

BOWL

- 11 yd³/8.4 m³ heaped capacity
- Elevator
- Backup alarm
- Trimble Ready® option weldments for bracket & mast

ELECTRICAL

- Alternator, 95 amp
- Electrical system, 24 volts
- Batteries (2), 70 ampere hr.
- 880 CCA, maintenance-free
- Starting/charging receptacle
- Trimble Ready® option wiring embedded in machine harness

LIGHTING SYSTEM

- Headlight, highway signal (T)
- Lights (halogen), highway signals (S)

OPERATOR ENVIRONMENT

- Cab, ROPS, FOPS, sound suppressed
- Kress Touchscreen Display
 - Emissions System Monitoring
 - DEF Fluid Level
- Turn signals
- Battery charge
- Fuel Pressure
- Engine monitoring
- Throttle lock
- Primary steering

- Action light
- Tachometer
- Parking Brake
- Steering disable
- Diff lock
- Operator not present
- High beam
- Transmission system
- Hydraulic filter
- Torque converter temp
- Fuel level
- Hyd. oil temp
- Mirrors, right side & rearview
- AM/FM Radio
- Seat, cloth, air suspension, rotates 30°
- Steering wheel, tilt & telescopic
- Windshield washer-wiper
- Air conditioner & heater

POWER TRAIN

- Tractor
 - Engine Cat® C7.1 Tier IV Final
 - I-6, 4 stroke diesel, turbocharged, aftercooled
 - Biodiesel compatible
 - Electric start, 24 volt
 - Air cleaner w/ precleaner
 - Fan, suction
 - Guard, crankcase

- Braking system (hydraulic)
 - Caliper disc (front & rear)
- Parking
 - Secondary
- Shields, brake
- Transmission
 - 6 speed Powershift, torque converter drive
 - Differential, lock-up
- Scraper
 - Braking system
 - Fuel pump, electric
 - Shields, brake

OTHER EQUIPMENT

- Tractor
 - Fenders
 - Hydraulic system
 - Locks, vandalism protection
 - Rims (2), center mounted
 - Steering, variable flow modulated
 - Tow pins, front and rear
 - Electric Horn
 - Mirrors
- Scraper
 - Rims (2), center mounted
- Tires, Rims, & Wheels
- Antifreeze
 - Extended Life Coolant to -36° C (-33° F)

OPTIONAL EQUIPMENT

TRACTOR

- Air Horn
- Steering, Secondary
- Starting Aid, Ether
- Guard, Transmission

SCRAPER

- Fenders
- Ground Engaging Tools
 - Teeth, GET, Set of 4

OPERATOR ENVIRONMENT

- Seat, Active
- Radio, Bluetooth, USB, CD

ELECTRICAL

- Headlights, LED
- Work Lights, 5x5 Flood
 - Halogen option
 - LED option

ELECTRONICS

- Grade Control
 - Trimble Ready® - Grade Control
 - Trimble Ready® - Indicate Only
- Product Link™
- Cat® WAVS™ Camera System
 - 2 or 3 Camera option

CUSTOM SOLUTIONS

Kress offers K13 tractor-only arrangements for specialty machines that complement existing Kress and Cat® fleets. The K13 tractor-only arrangement can be utilized for a variety of complete machine solutions, including water trucks, articulated dump trucks, and more.



MAINTENANCE, SERVICE AND SUPPORT

The Kress K13 Wheel Tractor Scraper is designed for serviceability, with multiple features that enable faster, more accurate troubleshooting and repairs.

The Kress K13 is sold and serviced by Cat® dealers and fully supported by Kress Corporation. Parts for the K13 can be ordered through Kress Corporation and/or the Caterpillar global parts distribution network.

Kress Corporation welcomes the opportunity to work with your company. For more information about Kress Carriers, please contact us today.

**Kress Corporation
227 Illinois Street
Brimfield, IL 61517
Phone: (309) 446-3395
Fax: (309) 446-9625
www.kresscarrier.com**

**© 2016 Kress Corporation
All Rights Reserved
KCO40004**

Kress, Kress Corporation and its respective logo, as well as corporate and product identity used herein, are trademarks of Kress Corporation and may not be used without permission. Materials and specifications are subject to change without notice.

