621K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

Ship Weight lbs | LIST PRICE AT DEALER

Standard Equipment:

POWERTRAIN

TRACTOR:
Cat engine brake
Electric start, 24V
Air cleaner, dry type with precleaner
Fan, hydraulic
Ground level shutdown
Radiator, aluminum unit core,
9 fins per in.
Guard, crankcase
Muffler (only for less or non-
regulated regions engine
arrangement only)
Starting aid, ether
Braking system:
-Primary and secondary, wet disk,
-hydraulic
-Prkng,hyd. release,spring applied
-Throttle lock
Transmission:
8 speed planetary powershift
ECPC control
APECS software
Programmable top gear
Transmission hold
Differential Lock
Guard, powertrain
Tire spin reduction
Ground speed control
Machine speed limit
Differential lock protection

SCRAPER:
Braking system:
-Primary and secondary, wet disk,
hydraulic

ELECTRICAL

TRACTOR:
Alternator, 150 amp
Batteries (4), 12 Volt, 1000 CCA
maintenance free, high output
Electrical system, 24V
Lighting system:
Headlights,halogen
Turn signals
with hazard function, LED
Floodlight,(2) cutting edge
and (1) bowl, halogen
Side Vision (2)
Starting/charging receptacle
SCRAPER:
Alarm, backup
Lighting system
Brake lights, LED
Turn signals with hazard function, LED

OPERATOR ENVIRONMENT

TRACTOR:
HVAC system, heat, AC, defrost
Thermostat control of HVAC system
Coat hook
Lunch box platform with holding strap
Diagnostic connection (2)
12V power ports (2)
Differential lock (1)
Dome courtesy light
Horn, electric
T-Handle implement control
Mirror, rear view
Radio ready
ROPS/FOPS cab, pressurized
Keypad switches
Throttle lock
Wipers/washers
Hazard lights
Work Lights on, off
Information mode
on Messenger Display
Safety Tab Rocker Switches:
Regeneration control
(Tier 4 Final/ EU Stage IIIB only)
Parking brake
Seat belt, static two-piece
Seat, Cat Advanced Ride Management
Cat comfort series 3,
rotates 30 degrees
Steering wheel, tilt, telescoping,
padded
Windows, right side emergency egress
Windows, sliding
Windows, laminated,zipped in
Windshield wipers, front and rear
windows,includes washers
Door lock
Messenger Display -
gauges, warnings include:
Coolant temp
Engine oil temp
Hydraulic oil temp
DPF temp
Fuel level
Park brake
Implement lockout
Brake system
Regeneration required
Throttle lock
System voltage
Secondary steering
Bail down

621K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

Ship Weight lbs | LIST PRICE AT DEALER

OPERATOR ENVIRONMENT (CONT.)

Ejector auto
Diff lock
Apron float
Transmission hold
Cushion hitch
High beam lights
Action lamp
Engine speed, rpm
Gear selection
Dpf fill levels

FLUIDS

Extended Life Coolant to -37C (-34F)

OTHER STANDARD EQUIPMENT

Steering lock-external
TRACTOR:
Advanced Cushion Hitch
Accumulators (cushion hitch) with
Canadian Registration Number (CRN)
Fast oil change
Rims (2)
Tow pin, front
Vandalism locks
Heater, engine coolant 120V
SCRAPER:
Bowl
24 cubic yard,heaped
18.4 cubic yard, struck
Vandalism locks
Hydraulic position sensing cylinders
(bowl lift and apron)

621K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

621K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

		Ship Weight lbs	LIST PRICE AT DEALER
373-8500	**621K WHEEL TRACTOR-SCRAPER T4F**	66,586	**$830,920**

LANE 2 - AVAILABLE FROM DECATUR FACTORY

Common Arrangement (T4 Final/Stage V)
Am-North, European Union when selected
will include C13 ACERT
engine with NRS Technology and the Cat CEM
package. Compliant with Tier 4 Final
(U.S.) and Stage V (EU).
Ultra Low Sulfur diesel fuel is required.
To be complete, your machine order must contain:
- Push Pull or Non Push Pull Configuration
- Engine
- Operator Access System
- Fuel Fill Choice
- International or N. American Films
- Certifications
- Ambient Capability
- Work Lights (Standard or HID)
- Tires
- Service Manual by Language
- Packing OP number
- Steering
- Starting Capability

AVAILABLE FOR: U.S. dealers
Canadian dealers
EU dealers
Australia / NZ dealers

0P-2941	**621K WTS MISC MATERIAL DECATUR**	0	**NC**

Use this as the top level reference number when ordering
miscellaneous material without ordering a machine.

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

LANE SELECTION

	0P-9002	LANE 2 ORDER	0	NC

REGIONAL PACKAGES

Certification Arrangements

L	373-8589	STANDARD CERTIFICATION AR Includes accumulators with CRN registration Cannot be used for machines shipping to the European Union	362	NC

PERFORMANCE PACKAGES

STARTING CAPABILITY

L	336-2306	STANDARD START ATTACHMENT For Starting machines above -6C/21F	234	NC
L	379-6696	COLD START ATTACHMENT For Starting machines below -6C/21F	359	$6,630

SPECIAL ARRANGEMENTS

Tractor Arrangments

L	441-5757	NON PUSH PULL AR	55	NC
L	392-4655	PUSH PULL ARRANGEMENT This arrangement comes with a cushioned push plate and bail on the tractor and hook on the scraper.	3,023	$53,990

Fueling Arrangements

L	315-1200	GRAVITY FILL GP Fill diesel fuel tank from fill neck at top of tank.	551	NC
L	328-6410	FAST FILL GP Fast fill adaptation includes automatic shut off check valve at the fuel tank. Meets EU pressure vessel requirements.	602	$1,090

Work Light Attachments

L	320-9565	STD WORK LIGHTS Halogen 3x3 in. shock resistant flood lights (all work and head lamps)	11	NC
L	320-9575	HID WORK LIGHTS High Intensity Discharge 3x3 shock resistant flood lights (all work lamps and High Beam head lamps)	9	$3,665

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

POWERTRAIN

ENGINES

L	564-4651	**ENGINE, C13 ACERT, T4**	0	NC
		Includes C13 tractor Tier 4 engine ONLY FOR USE WITH: 373-8500 621K Wheel Tractor-Scraper T4F		

OPERATOR ENVIRONMENT

CAB FILTRATION

L	428-8768	**CAB PRECLEANER.**	11	$660
		Cab precleaner for dusty enviroments		
L	428-8769	**STD HVAC INLET**	4	NC
		Standard cab air cleaner		

OPERATOR ACCESS

L	309-4760	**NON-POWERED ACCESS GP**	71	NC
		Cab access via a rope ladder, two rungs		
L	471-0992	**POWERED ACCESS AR**	146	$7,550
		Inclined powered access ladder that folds up under the cab when not in use. comes with a light for night time or early morning use. Manual release levers (2) in case of power loss.		

TIRES, RIMS, AND WHEELS

Due to industry wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to change to alternate tires. If the brand cannot be supplied, we may contact the dealer. However, in some cases, we will change to an alternative premium brand tire without notice. If the tire type cannot be supplied, we will contact the dealer to propose alternatives. The dealer needs to choose between an alternative tire or a "rims only" option (where available) within 72 hours. If no response is provided by the deadline, the order will default to the alternative tire and will be changed at that point. As a consequence of a possible tire change, the total machine price will be decreased or increased depending on the price of the new tire.

Two sets required for tractor and scraper combined,
And each set (part number) includes 2 tires.
When Ordering one of the following tire groups must be specified.
This machine has been designed to run on 33.25-29 sized tires.

To select the correct tire that will be appropriate
for the application and job site conditions,
contact the tire manufacture or local tire dealer.

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

TIRES, RIMS, AND WHEELS (CONT.)

L	264-1408	**TIRES, 33.25R29 BS VLT ** E2A** . . . . . Bridgestone Radial. V-Steel L-Traction. E2A compound. Offers good traction and flotation for wet, muddy, soft underfoot conditions. Its stability contributes to improved operator comfort. Manufacture's Part Number 427645	7,361	$2,510
L	210-9234	**TIRES, 33.25R29 MX XTS** E3.** . . . . . Michelin Radial. A long life tire resistant to damage with open, non-directional tread for good operator comfort and traction. Manufacture's Part Number 76725	7,227	$6,250

INSTRUCTIONS

Service Instructions

L	373-8583	**FILMS AR - U.S. (ANSI)** . . . . . Required on all USA and Canada destined machines. Cannot be shipped into Quebec, Canada.	3	NC

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

SPECIAL ARRANGEMENTS

Steering Arrangements

L	433-0618	**SECONDARY STEERING AR**	117	$8,610
		Provides electrically-driven secondary steering Required for European Union Required by 373-8569 EU Certification Ar		

ELECTRICAL

WIRING GROUP

L	374-8922	**WIRING GRP, SEQUENCE ASSIST**	0	$84
		Required by 373-8508 Sequence Assist when ordered as stand alone feature. Not required when 373-8508 Sequence Assist is ordered with One of the features below: 439-4545 LOAD ASSIST 424-4447 CAT GRADE CONTROL W/LD ASSIST. 469-1738 TIRE SPIN REDUCTION, ADVANCED 469-1739 SPIN REDUCTION W/ LOAD ASSIST 469-1740 CGC,SPIN REDUCTION,LOAD ASSIST		

TECHNOLOGY PRODUCTS

PRODUCT LINK

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country - please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact your Caterpillar marketing representative with questions.

L	499-5521	**PRODUCT LINK, CELLULAR PLE641**	0	NC
		Product Link Elite series PLE641 offers expanded coverage including 3G UMTS and CDMA2000 as well as 2G GSM and CDMA cellular networks to transmit location, utilization and condition information f viewing in Product Link-s remote monitoring web interface. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS

L	373-8508	**SEQUENCE ASSIST AR**	4	$3,715

Machine performs multiple functions including:
Ready to Load (adjusts bowl and apron to preset position, searches for and locks in 2nd gear, locks down cushion hitch)
Ready to Haul (adjusts bowl and apron to preset position , unlocks cushion hitch, releases 2nd gear transmission lock)
Ready to Unload (adjusts bowl and apron to preset position, brings ejector forward)
Ready to Return (adjusts bowl and apron to preset position, returns ejector back)
REQUIRES: One of the options listed below:
374-8922 WIRING GRP, SEQUENCE ASSIST
439-4545 LOAD ASSIST
424-4447 CAT GRADE CONTROL/ LOAD ASSIST
469-1738 TIRE SPIN REDUCTION, ADVANCED
469-1739 SPIN REDUCTION W/ LOAD ASSIST
469-1740 CGC, SPIN REDUCTION, LOAD ASSIST

L	469-1738	**TIRE SPIN REDUCTION, ADVANCED**	0	$2,120

This feature will allow the machine to control the slip of the tractor tires only. When Tire Spin Reduction is selected the machine will control wheel spin on the tractor by keeping the slip in the optimal range for loading by adjusting engine rpms with no additional operator input.
REQUIRES: 373-8508 SEQUENCE ASSIST AR
CANNOT BE USED WITH: 439-4545 LOAD ASSIST
424-4447 CAT GRADE CONTROL W/LD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST
INCLUDED IN: 469-1739 SPIN REDUCTION W/ LOAD ASSIST
469-1740 CGC,SPIN REDUCTION,LOAD ASSIST

L	439-4545	**LOAD ASSIST**	29	$6,750

Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed.
REQUIRES: 373-8508 SEQUENCE ASSIST AR
CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST
INCLUDED IN: 469-1739 SPIN REDUCTION W/ LOAD ASSIST
424-4447 CAT GRADE CONTROL W/LD ASSIST
469-1740 CGC,SPIN REDUCTION,LOAD ASSIST

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS (Cont.)

L	469-1739	**SPIN REDUCTION W/ LOAD ASSIST**	0	$8,870
		Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed. INCLUDES: 469-1738 TIRE SPIN REDUCTION, ADVANCED 439-4545 LOAD ASSIST REQUIRES: 373-8508 SEQUENCE ASSIST AR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 424-4447 CAT GRADE CONTROL W/LD ASSIST 469-1740 CGC,SPIN REDUCTION,LOAD ASSIST		
L	424-4447	**CAT GRADE CONTROL W/LD ASSIST**	108	$43,630
		Shipped from the factory. Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble. Includes Cat Grade Control service manual Angle sensor calibration and Cat Grade Control measure up will done at dealership INCLUDES: 439-4545 LOAD ASSIST REQUIRES: 373-8508 SEQUENCE ASSIST AR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 469-1738 TIRE SPIN REDUCTION, ADVANCED 469-1739 SPIN REDUCTION W/ LOAD ASSIST 469-1740 CGC,SPIN REDUCTION,LOAD ASSIST		
L	469-1740	**CGC,SPIN REDUCTION,LOAD ASSIST**	0	$45,760
		Premium option contains Advance Tire Spin Reduction, Cat Grade Control, and Load Assist. Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control. Includes Cat Grade Control service manual. Angle sensor calibration and Cat Grade Control measure up will done at dealership. INCLUDED: 439-4545 LOAD ASSIST 469-1738 TIRE SPIN REDUCTION, ADVANCED REQUIRES: 373-8508 SEQUENCE ASSIST AR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 424-4447 CAT GRADE CONTROL W/LD ASSIST 469-1739 SPIN REDUCTION W/ LOAD ASSIST		

OTHER ATTACHMENTS

L	373-8539	**WAVS CAMERA AR**	22	$5,380
		Consists of three cameras showing right side, cutting edge and directly behind the machine. A display in the cab with a rocker switch for toggling between cameras. Required for 373-8569 EU Certification Ar		
L	449-0260	**BEACON LIGHT, CAB ROOF**	4	$359
		Rotating amber beacon installed on roof of cab Not compatible w/449-0261 or 449-0262		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER
OTHER ATTACHMENTS (CONT.)				
L	449-0261	**HORN, AIR**	26	$1,710
		Self contained air horn Not compatible w/449-0260 or 449-0262		
L	449-0262	**BEACON LIGHT W/ HORN**	29	$2,010
		Combines both the self contained air horn and amber rotating beacon Not compatible w/449-0260 or 449-0261		
L	309-4850	**FENDER, SCRAPER**	287	$4,025
L	323-3704	**GUARD, OVERFLOW**	774	$3,245
		The guard prevents material from spilling over the rear of the bowl.		
FIELD INSTALLED ATTACHMENTS				
		For Dealer Installed Options please reference TEKQ1167		
PACKING				
DOMESTIC PACKING				
	0P-0255	**DOMESTIC TRUCK,TR/SCR COMBINED**	0	NC
	0P-0254	**DOMESTIC RAIL, TR/SCR COMBINED**	0	NC
	0P-0320	**DOMESTIC, TWO TRUCKS**	0	$429 NET
		Note: Some weight issues have occurred when shipping to certain states. Following parts are removed for transportation: belly guard, power trailing guard, banana link and bail.		
STORAGE PROTECTION (Must Select One)				
	0P-4616	**STORAGE PROTECTION**	0	NC
		Please select this if you want Fluid Film (TM) applied		
	0P-2671	**NO STORAGE PROTECTION**	0	NC
		Please select this if you do not want Fluid Film (TM) applied ***If no storage protection is selected corrosion damage will not be covered under standard machine warranty.		
EXPORT PACKING				
	0P-0210	**PACK, DOMESTIC TRUCK**	0	NC
		For use with 0P-2418 Miscellaneous Material only.		

627K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

Ship Weight lbs | LIST PRICE AT DEALER

Standard Equipment:

POWERTRAIN

TRACTOR:
Cat engine brake
Electric start, 24 volt
Air cleaner, dry type with precleaner
Fan, hydraulic
Ground level engine shutdown
Radiator, aluminum unit core,
9 fins per in.
Guard, crankcase
Muffler (Only for Less or Non-
Regulated Regions Engine
Arrangement Only)
Starting aid, ether
Braking system:
Primary and Secondary, wet disk,
hydraulic
Prkng,hyd. release,spring applied
Throttle Lock
Transmission:
8 speed planetary powershift
ECPC control
APECS software
Programmable top gear selection
Transmission hold
Differential lock
Guard, powertrain
Tire spin reduction
Ground speed limit
Machine speed limit
Differental lock protection
SCRAPER:
Cat engine brake
Electric start, 24 volt
Fan, driveline
Ground engine shutdown
Muffler (Only for Less or Non-
Regulated Regions Engine
Arrangement Only)
Starting aid, ether
Braking system:
Primary and secondary, wet disk,
hydraulic
4 speed (torque converter drive)
Transmission planetary powershift

ELECTRICAL

TRACTOR:
Alternator, 150 amp
Batteries (4), 12 Volt, 1000 CCA
maintenance free, high output
Electrical system, 24V
Lighting system:
Headlights,3x3 halogen
Turn signals
with hazard function, LED
Floodlight,(2) 3x3 cutting edge
and (1) 3x3 bowl, halogen
Side Vision (2) 3x3 halogen
Starting/charging receptacle
SCRAPER:
Alarm, backup
Alternator, 65 ampere
Batteries (4), 12 Volt, 1000 CCA
maintenance free, high outout
Lighting system:
Brake lights, LED
Turn signals with hazard function, LED
Starting/charging receptacle

OPERATOR ENVIRONMENT

TRACTOR:
HVAC system, heat, AC, defrost
Thermostat control of HVAC system
Coat hook
Lunch box platform with holding strap
Diagnostic connection (2)
12V power ports (2)
Differential lock (1)
Dome courtesy light
Horn, electric
T-Handle implement control
Mirror, rear view
Radio ready
ROPS/FOPS cab, pressurized
Keypad switches
Rear engine start
Throttle lock
Wipers/washers
Hazard lights
Work Lights on, off
Information mode
on Messenger Display
Safety tab rocker switches:
Regeneration control
(Tier 4 Final/ EU Stage IV only)
Parking Brake
Seat belt, static two-piece
Seat, Cat Advanced Ride Management
Cat comfort series 3,
rotates 30 degrees
Steering wheel, tilt, telescoping,
padded
Windows, right side emergency egress
Windows, sliding
Windows, laminated,zipped in
Windshield wipers, front and rear
windows,includes washers
Door lock
Messenger display -

627K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

OPERATOR ENVIRONMENT (CONT.)

gauges, warnings include:
- Coolant temp
- Engine oil temp
- Hydraulic oil temp
- DPF temp
- Fuel level
- Park brake
- Implement lockout
- Brake system
- Regeneration required
- Throttle lock
- System voltage
- Secondary steering
- Bail down
- Diff lock
- Apron float
- Transmission hold
- Cushion hitch
- High beam lights
- Action lamp
- Engine speed, rpm
- Gear selection
- Dpf fill levels

FLUIDS

Extended life coolant to -37C (-34F)

OTHER STANDARD EQUIPMENT

Steering lock-external

TRACTOR:
- Advanaced Cushion Hitch
- Accumulators (cushion hitch) with
- Canadian Registration Number (CRN)
- Fast oil change
- Rims (2)
- Tow pin, front
- Vandalism locks
- Heater, engine coolant 120V

SCRAPER:

Bowl
- 24 cubic yard, heaped
- 18.4 cubic yard, struck
- Fast oil change
- Vandalism locks
- Guard, overflow
- Heater, engine coolant 120V

Hydraulic position sensing cylinders
(bowl lift and apron)

627K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

627K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

		Ship Weight lbs	LIST PRICE AT DEALER
373-8502	**627K WHEEL TRACTOR-SCRAPER T4F**	77,326	**$982,780**

LANE 2 - AVAILABLE FROM DECATUR FACTORY

Common Arrangement
(T4 Final/EU Stage V) Am-North,
European Union, when selected
will include C13 ACERTand C9.3 ACERT diesel
engine with NRS Technology and the Cat CEM
package. Compliant with Tier 4 Final
(U.S.) and Stage V (EU).
Ultra Low Sulfur diesel fuel is required.
Common arrangement includes
both the tractor and the scraper bowl.
Note: to be complete, your machine order must contain:
- Scraper Arrangement
- Push Pull or Non Push Pull Configuration
- Engine
- Operator Access System
- Fuel Fill Choice
- Ambient Capability
- International or N. American Films
- Certifications
- Ambient Capability
- Work Lights (Standard or HID)
- Tires
- Service Manual by Language
- Packing 0P number
- Steering
- Starting Capability

NOT AVAILABLE FOR: Pacific Island dealers
AVAILABLE FOR: U.S. dealers
Canadian dealers
EU dealers
Australia / NZ dealers
Chilean dealers

0P-2943	**627K WTS MISC MATERIAL DECATUR**	0	**NC**

Use this as the top level reference number when ordering
miscellaneous material without ordering a machine.

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

LANE SELECTION

	0P-9002	LANE 2 ORDER	0	NC

REGIONAL PACKAGES

Certification Arrangements

L	373-8589	STANDARD CERTIFICATION AR Includes accumulators with Canadian Registraion Number (CRN) Cannot be used for machines shipping to the European Union	362	NC

PERFORMANCE PACKAGES

STARTING CAPABILITY

L	336-2306	STANDARD START ATTACHMENT For Starting machines above -6C/21F	234	NC
L	379-6696	COLD START ATTACHMENT For Starting machines below -6C/21F	359	$6,630

SPECIAL ARRANGEMENTS

Tractor/Scraper Arrangements

L	441-5757	NON PUSH PULL AR	55	NC
L	392-4655	PUSH PULL ARRANGEMENT This arrangement comes with a cushioned push plate and bail on the tractor and a radiator guard and hook on the scraper.	3,023	$53,990

Fueling Arrangements

L	309-4820	GRAVITY FILL GP Fill diesel fuel tank from fill neck at top of tank.	551	NC
L	328-6420	FAST FILL GP Fast fill adaptation includes automatic shut off check valve at the fuel tank. Meets EU pressure vessel requirements.	573	$1,090

Work Light Attachments

L	320-9565	STD WORK LIGHTS Halogen 3x3 in. shock resistant flood lights (all work and head lamps)	11	NC
L	320-9575	HID WORK LIGHTS High Intensity Discharge 3x3 shock resistant flood lights (all work lamps and High Beam head lamps)	9	$3,665

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

POWERTRAIN

TRACTOR ENGINE

L	564-4653	**ENGINE, C13 ACERT, T4**	0	NC
		Includes C13 Tractor Tier 4 engine and C9.3 Scraper Tier 4 engine ONLY FOR USE WITH: 373-8502 627K Wheel Tractor-Scraper T4F		

OPERATOR ENVIRONMENT

CAB FILTRATION

L	428-8768	**CAB PRECLEANER.**	11	$660
		Cab precleaner for dusty enviroments		
L	428-8769	**STD HVAC INLET**	4	NC
		Standard cab air cleaner		

OPERATOR ACCESS

L	309-4760	**NON-POWERED ACCESS GP**	71	NC
		Cab access via a rope ladder, two rungs		
L	471-0992	**POWERED ACCESS AR**	146	$7,550
		Inclined powered access ladder that folds up under the cab when not in use. comes with a light for night time or early morning use. Manual release levers (2) in case of power loss.		

TIRES, RIMS, AND WHEELS

Due to industry wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to change to alternate tires. If the brand cannot be supplied, we may contact the dealer. However, in some cases, we will change to an alternative premium brand tire without notice. If the tire type cannot be supplied, we will contact the dealer to propose alternatives. The dealer needs to choose between an alternative tire or a "rims only" option (where available) within 72 hours. If no response is provided by the deadline, the order will default to the alternative tire and will be changed at that point. As a consequence of a possible tire change, the total machine price will be decreased or increased depending on the price of the new tire.

Two sets required for tractor and scraper combined,
And each set (part number) includes 2 tires.
When Ordering one of the following tire groups must be specified.
This machine has been designed to run on 33.25-29 sized tires.

To select the correct tire that will be appropriate
for the application and job site conditions,
contact the tire manufacture or local tire dealer.

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

TIRES, RIMS, AND WHEELS (CONT.)

L	264-1408	**TIRES, 33.25R29 BS VLT ** E2A** . . . . . Bridgestone Radial. V-Steel L-Traction. E2A compound. Offers good traction and flotation for wet, muddy, soft underfoot conditions. Its stability contributes to improved operator comfort. Manufacture's Part Number 427645	7,361	$2,510
L	210-9234	**TIRES, 33.25R29 MX XTS** E3.** . . . . . Michelin Radial. A long life tire resistant to damage with open, non-directional tread for good operator comfort and traction. Manufacture's Part Number 76725	7,227	$6,250

INSTRUCTIONS

Service Instructions

L	373-8582	**FILMS AR - U.S. (ANSI)** . . . . . Required on all USA and Canada destined machines. Cannot be shipped into Quebec, Canada.	7	NC

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

SPECIAL ARRANGEMENTS

Steering Arrangements

L	433-0618	**SECONDARY STEERING AR**	117	$8,610
		Provides electrically-driven secondary steering Required for European Union Required by 373-8569 EU Certification Ar		

ELECTRICAL

WIRING GROUP

L	374-8922	**WIRING GRP, SEQUENCE ASSIST**	0	$84
		Required by 373-8508 Sequence Assist when ordered as stand alone feature. Not required when 373-8508 Sequence Assist is ordered with One of the features below: 373-8559 LOAD ASSIST 424-4447 CAT GRADE CONTROL W/LD ASSIST 469-1738 TIRE SPIN REDUCTION, ADVANCED 469-1739 SPIN REDUCTION W/ LOAD ASSIST 469-1740 CGC,SPIN REDUCTION,LOAD ASSIST		

TECHNOLOGY PRODUCTS

PRODUCT LINK

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country - please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact your Caterpillar marketing representative with questions.

L	499-5521	**PRODUCT LINK, CELLULAR PLE641**	0	NC
		Product Link Elite series PLE641 offers expanded coverage including 3G UMTS and CDMA2000 as well as 2G GSM and CDMA cellular networks to transmit location, utilization and condition information f viewing in Product Link-s remote monitoring web interface. Cellular technology provides capabilities for frequent transmission and larger volumes of data.		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS

L	373-8508	**SEQUENCE ASSIST AR**	4	$3,715

Machine performs multiple
functions including:
Ready to Load (adjusts bowl and apron
to preset position, searches for and
locks in 2nd gear,
locks down cushion hitch)
Ready to Haul (adjusts bowl and apron
to preset position , unlocks cushion
hitch, releases 2nd
gear transmission lock)
Ready to Unload (adjusts bowl and apron
to preset position, brings ejector
forward)
Ready to Return (adjusts bowl and apron
to preset position, returns ejector back)
Includes Payload Estimator
REQUIRES: One of the options listed below:
374-8922 WIRING GRP, SEQUENCE ASSIST
373-8559 LOAD ASSIST
373-8549 CAT GRADE CONTROL W/LD ASSIST
469-1744 TIRE SPIN REDUCTION, ADVANCED
469-1745 SPIN REDUCTION W/ LOAD ASSIST
469-1746 CGC,SPIN REDUCTION,LOAD ASSIST

L	469-1744	**TIRE SPIN REDUCTION, ADVANCED**	0	$2,120

This feature will allow the machine to control the slip of the
tractor tires only. When Tire Spin Reduction is selected the
machine will control wheel spin on the tractor by keeping the
slip in the optimal range for loading by adjusting engine rpms
with no additional operator input.
REQUIRES: 373-8508 SEQUENCE ASSIST ARR
CANNOT BE USED WITH: 373-8559 LOAD ASSIST
373-8549 CAT GRADE CONTROL W/LD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST
INCLUDED IN: 469-1745 SPIN REDUCTION W/ LOAD ASSIST
469-1746 CGC,SPIN REDUCTION,LOAD ASSIST

L	373-8559	**LOAD ASSIST**	29	$6,750

Load assist controls the cutting edge
during the loading process. The
cutting edge depth is controlled based
on machine information including
rpm, true ground speed and wheel speed.
REQUIRES: 373-8508 SEQUENCE ASSIST AR
CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST
INCLUDED IN: 469-1745 SPIN REDUCTION W/ LOAD ASSIST
373-8549 CAT GRADE CONTROL W/LD ASSIST
469-1746 CGC,SPIN REDUCTION,LOAD ASSIST

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS (Cont.)

L	469-1745	**SPIN REDUCTION W/ LOAD ASSIST**	0	$8,870
		Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed. INCLUDES: 469-1744 TIRE SPIN REDUCTION, ADVANCED 373-8559 LOAD ASSIST REQUIRES: 373-8508 SEQUENCE ASSIST AR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 373-8549 CAT GRADE CONTROL W/LD ASSIST 469-1746 CGC,SPIN REDUCTION,LOAD ASSIST		
L	373-8549	**CAT GRADE CONTROL W/LD ASSIST**	108	$43,630
		Shipped from the factory. Includes cab display, scraper mounted receiver, mast,and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control. Includes Cat Grade Control service manual Angle sensor calibration and Cat Grade Control measure up will done at dealership INCLUDES: 373-8559 LOAD ASSIST REQUIRES: 373-8508 SEQUENCE ASSIST AR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 469-1744 TIRE SPIN REDUCTION, ADVANCED 469-1745 SPIN REDUCTION W/ LOAD ASSIST 469-1746 CGC,SPIN REDUCTION,LOAD ASSIST		
L	469-1746	**CGC,SPIN REDUCTION,LOAD ASSIST**	0	$45,760
		Premium option contains Advance Tire Spin Reduction, Cat Grade Control, and Load Assist. Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control. Includes Cat Grade Control service manual. Angle sensor calibration and Cat Grade Control measure up will done at dealership. INCLUDES:373-8559 LOAD ASSIST 469-1744 TIRE SPIN REDUCTION, ADVANCED REQUIRES: 373-8508 SEQUENCE ASSIST AR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 373-8549 CAT GRADE CONTROL W/LD ASSIST 469-1745 SPIN REDUCTION W/ LOAD ASSIST		

OTHER ATTACHMENTS

L	374-4812	**CAMERA AR-WAVS**	22	$5,380
		Consists of three cameras showing right side, cutting edge and directly behind the machine. A display in the cab with a rocker switch for toggling between cameras. Required for 373-8569 EU Certification Ar		

USE	REF NO.	OPTIONAL ATTACHMENTS	Ship Weight lbs	LIST PRICE AT DEALER

OTHER ATTACHMENTS (CONT.)

L	449-0260	**BEACON LIGHT, CAB ROOF**	4	$359
		Rotating amber beacon installed on roof of cab Not compatible w/ 449-0261 or 449-0262		
L	449-0261	**HORN, AIR**	26	$1,710
		Self contained air horn Not compatible w/ 449-0260 or 449-0262		
L	449-0262	**BEACON LIGHT W/ HORN**	29	$2,010
		Combines both the self contained air horn and amber rotating beacon Not compatpatible w/449-0260 or 449-0261		

FIELD INSTALLED ATTACHMENTS

For Dealer Installed Options please reference TEKQ1167

PACKING

DOMESTIC PACKING

0P-0255	**DOMESTIC TRUCK,TR/SCR COMBINED**	0	NC
0P-0254	**DOMESTIC RAIL, TR/SCR COMBINED**	0	NC
0P-0320	**DOMESTIC, TWO TRUCKS**	0	$429 NET
	Note: Some weight issues have occurred when shipping to certain states. Following parts are removed for transportation: belly guard, power trailing guard, banana link and bail.		

STORAGE PROTECTION (Must select one)

0P-4616	**STORAGE PROTECTION**	0	NC
	Please select this if you want Fluid Film (TM) applied		
0P-2671	**NO STORAGE PROTECTION**	0	NC
	Please select this if you do not want Fluid Film (TM) applied. ***If no storage protection is selected corrosion damage will not be covered under standard machine warranty.		

EXPORT PACKING

0P-0210	**PACK, DOMESTIC TRUCK**	0	NC
	For use with 0P-2943 Miscellaneous Material only.		

631K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

Standard Equipment:

POWERTRAIN

TRACTOR:
C18 ACERT (T4F only)
Cat engine brake
Electric start, 24 volt
Air cleaner, dry type
Fan, hydraulic
Ground level engine shutdown
Radiator
Guard, crankcase
Starting aid, ether
Braking system:
Primary and secondary, wet disk,
hydraulic actuated parking,
hydraulic released, spring applied
Throttle lock
Transmission:
-8 speed planetary powershift
-ECPC control
-APECS software
-Programmable top gear selection
-Transmission hold
-Differential lock
-Tire spin reduction
-Ground speed control
-Machine speed limit
-Differential lock protection
-Guard, powertrain
SCRAPER:
Braking system:
-Primary and secondary, dry caliper,
-hydraulic actuated

ELECTRICAL

TRACTOR:
Alternator, 115 amp
Batteries (4), 12 Volt, 1000 CCA
maintenance free, high output
Electrical system, 24V
Headlights,3x3 LED
Turn signals with hazard function, LED
Floodlight,(2) 3x3 cutting edge
and (1) 3x3 bowl, LED
Side vision (2) 3x3 LED
Starting/charging receptacle
SCRAPER:
Alarm, backup
Brake lights, LED
Turn signals with hazard function, LED

OPERATOR ENVIRONMENT

TRACTOR:
HVAC system, heat, AC, defrost
Thermostat control of HVAC system
Coat hook
Lunch box platform with holding strap
Diagnostic connection (2)
12V power ports (2)
Differential lock (1)
Dome courtesy light
Horn, electric
T-Handle implement control
Radio ready
ROPS/FOPS cab, pressurized
Keypad Switches
-Throttle lock
-Wipers/washers
-Hazard lights
-Work Lights on, off
-Information mode
-Messenger Display
Safety tab rocker switches:
-Parking brake
Seat belt, static two-piece
Seat, Cat Advanced Ride Management
Cat comfort series 3,
rotates 30 degrees
Steering wheel, tilt, telescoping,
padded
Windows, right side emergency egress
Windows, sliding
Windows, laminated, zipped in
Windshield wipers, front and rear
windows, includes washers
Door lock
Messenger display -
Gauges, warnings include:
-Coolant temp
-Engine oil temp
-Hydraulic oil temp
-DPF temp
-Fuel level
-Park brake
-Implement lockout
-Brake system
-Regeneration required
-Throttle lock
-System voltage
-Secondary steering
-Bail down
-Differential lock
-Apron float
-Transmission hold
-Advanced cushion hitch
-High beam lights
-Action lamp
-Engine speed, rpm
-Gear selection
-DPF fill level

631K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

FLUIDS

Extended life coolant to -37C (-34F)

OTHER STANDARD EQUIPMENT

TRACTOR:
Advanced Cushion Hitch
Accumulators (brake & cushion hitch)
with Canadian Registration Number (CRN)
Fast oil change
Tow hooks, front
Vandalism locks
Steering locks
Heater, engine coolant 120V
SCRAPER:
Bowl
-34 cubic yard, heaped
-24 cubic yard, struck
Vandalism locks
Hydraulic position sensing cylinders
(bowl lift and apron)

631K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

631K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

		Ship Weight lbs	LIST PRICE AT DEALER
374-0231	**631K WHEEL TRACTOR-SCRAPER**	0	**$1,135,790**

LANE 2 - AVAILABLE FROM DECATUR FACTORY

Common Arrangement
(T4 Final/EU Stage IV) Am-North, European Union
Includes C18 ACERT diesel engine with NRS Technology
and the Cat CEM package. Compliant with Tier 4 Final (U.S.)
and Stage IV (EU).
Ultra Low Sulfur diesel fuel is required.
Common arrangement includes both the tractor and the scraper bowl.
Note: to be complete, your machine order must contain:
- CERTIFICATION ARRANGEMENTS
- TRACTOR/SCRAPER ARRANGEMENTS
- AIR CLEANER
- OPERATOR ACCESS
- TIRES, RIMS, AND WHEELS
  Two (2) Sets
- YEAR OF MANUFACTURING PLATE (If required)
- SERVICE INSTRUCTIONS
- PACKING

CANNOT BE USED WITHEurasia countries (EAC) -
- Belarus
- Kazakhstan
- Russia
- Armenia
- Kyrgyzstan

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

LANE SELECTION

	0P-9002	LANE 2 ORDER	0	NC

REGIONAL PACKAGES

CERTIFICATION ARRANGEMENTS

L	374-1710	CERTIFICATION, STANDARD Includes accumulators with Canadian Registration Number (CRN). CANNOT BE USED WITH: EU Dealers	0	NC

SPECIAL ARRANGEMENTS

TRACTOR/SCRAPER ARRANGEMENTS

L	374-0290	TRACTOR/SCRAPER ARR, STANDRD INCLUDED IN: 487-0706 631K WTS NORTH AMERICA CFG1	0	NC
L	374-0291	TRACTOR/SCRAPER ARR, PUSH/PULL This arrangement comes with a cushioned push plate and bail on the tractor and hook on the scraper.	0	$57,920

OPERATOR ENVIRONMENT

CAB FILTRATION

L	423-0722	AIR CLEANER, STANDARD Standard cab air cleaner only	0	NC
L	432-5976	AIR CLEANER,POWERED PRECLEANER. Standard cab air cleaner with powered pre-cleaner for dusty environments	0	$650

OPERATOR ACCESS

L	374-2790	STANDARD ACCESS, LADDER Cab access via a rope ladder, two rungs	0	NC
L	374-0193	POWERED ACCESS, STEPS Inclined powered access ladder that folds up under the cab when not in use. Comes with a light for night time or early morning use. Manual release levers (2) in case of power loss.	0	$7,440

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

TIRES, RIMS, AND WHEELS

Due to industry-wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to change to alternate tires. If the tire brand cannot be supplied, we may contact the dealer. However, in some cases, we will change to an alternative premium brand tire without notice. If the tire type cannot be supplied, we will contact the dealer to propose alternatives. The dealer needs to choose an alternative tire a "rims only" option (where available) within 72 hours. If no response is provided by the deadline, the order will default to the alternative tire and will be changed at that point. As a consequence of a possible tire change, the total machine price will be decreased or increased depending on the price of the new tire.

Two sets required for tractor and scraper combined, and each set (part number) includes 2 tires. When ordering one of the following tire groups must be specified. This machine has been designed to run on 37.25R35 sized tires. To select the correct tire that will be appropriate for the application and job site conditions, contact the tire manufacture or local tire dealer.

Bridgestone

L	264-1402	**TIRES, 37.25R35 BS VLT** E-3**	5,097	**$2,050**
		Bridgestone Radial. V-Steel L-Traction. E2A compound. Offers good traction and flotation for wet, muddy, soft underfoot conditions. Its stability contributes to improved operator comfort.		

Michelin

L	220-5667	**TIRES, 37.25R35 MX XTS** E3**	4,937	**$5,990**
		Michelin Radial. A long life tire resistant to damage with open, non-directional tread for good operator comfort and traction.		

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

INSTRUCTIONS

SERVICE INSTRUCTIONS

Note: This part number will provide the films in ANSI
or ISO Pictograms.
The word "WARNING" is on picto decals for ANSI.
Symbols only are on picto decals for ISO.

L	**374-0360**	**DECALS, ENGLISH (ANSI)** 0		**NC**
		Provides decals as required by ANSI.		
		Cannot be shipped into Quebec, Canada.		
		ONLY FOR USE WITH: 374-0231 631K WHEEL TRACTOR-SCRAPER		

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

ELECTRICAL

WIRING GROUPS

L	374-8922	**WIRING GRP, SEQUENCE ASSIST**	0	$84

Required by 374-0283 SEQUENCE ASSIST ARR when ordered as stand alone feature.
374-0283 SEQUENCE ASSIST ARR requirement is satisfied when ordering any of the followong options:
CANNOT BE USED WITH: 374-0284 LOAD ASSIST ARR
374-0286 CAT GRADE CONTROL/ LOAD ASSIST
469-3414 TIRE SPIN REDUCTION, ADVANCED
469-3415 SPIN REDUCTION W/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST

L	469-3420	**MAST, WIRING**	0	NC

Mast located at the rear of scraper used to house wire harnesses and mount sensors
REQUIRED BY: 374-0284 LOAD ASSIST ARR
374-0286 CAT GRADE CONTROL/ LOAD ASSIST
469-3414 TIRE SPIN REDUCTION, ADVANCED
469-3415 SPIN REDUCTION W/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST
374-0194 CAMERAS, WAVS

TECHNOLOGY PRODUCTS

PRODUCT LINK

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficiently and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies by country - please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact your Caterpillar marketing representative with questions.

L	499-5521	**PRODUCT LINK, CELLULAR PLE641**	0	NC

Product Link Elite series PLE641 offers expanded coverage including 3G UMTS and CDMA2000 as well as 2G GSM and CDMA cellular networks to transmit location, utilization and condition information f viewing in Product Link-s remote monitoring web interface. Cellular technology provides capabilities for frequent transmission and larger volumes of data.

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS

L	374-0283	**SEQUENCE ASSIST ARR**	0	$3,660

Machine performs multiple functions including:
- Ready to Load (adjusts bowl and apron to preset position, searches for and locks in 2nd gear, locks down cushion hitch)
- Ready to Haul (adjusts bowl and apron to preset position , unlocks cushion hitch, releases 2nd gear transmission lock)
- Ready to Unload (adjusts bowl and apron to preset position, brings ejector forward)
- Ready to Return (adjusts bowl and apron to preset position, returns ejector back)

Includes Payload Estimator and load counter
REQUIRES: One of the options listed below:
374-8922 WIRING GRP, SEQUENCE ASSIST
374-0284 LOAD ASSIST ARR
374-0286 CAT GRADE CONTROL/ LOAD ASSIST
469-3414 TIRE SPIN REDUCTION, ADVANCED
469-3415 SPIN REDUCTION W/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST

L	469-3414	**TIRE SPIN REDUCTION, ADVANCED**	0	$2,090

This feature will allow the machine to control the slip of the tractor tires only. When Tire Spin Reduction is selected the machine will control wheel spin on the tractor by keeping the slip in the optimal range for loading by adjusting engine rpms with no additional operator input.
REQUIRES: 374-0283 SEQUENCE ASSIST ARR
469-3420 MAST, WIRING
CANNOT BE USED WITH: 374-0284 LOAD ASSIST ARR
374-0286 CAT GRADE CONTROL/ LOAD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST
INCLUDED IN: 469-3415 SPIN REDUCTION W/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST

L	374-0284	**LOAD ASSIST ARR**	0	$6,650

Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed.
REQUIRES: 374-0283 SEQUENCE ASSIST ARR
469-3420 MAST, WIRING
CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST
469-3414 TIRE SPIN REDUCTION, ADVANCED
INCLUDED IN: 374-0286 CAT GRADE CONTROL/ LOAD ASSIST
469-3415 SPIN REDUCTION W/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST

L	469-3415	**SPIN REDUCTION W/ LOAD ASSIST**	0	$8,740

Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed.
INCLUDES: 469-3414 TIRE SPIN REDUCTION, ADVANCED
REQUIRES: 374-0283 SEQUENCE ASSIST ARR
469-3420 MAST, WIRING
CANNOT BE USED WITH: 374-0284 LOAD ASSIST ARR
374-0286 CAT GRADE CONTROL/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS (Cont.)

L **374-0286** **CAT GRADE CONTROL/ LOAD ASSIST** 0 **$42,990**

Option for Load Assist includes Cat Grade Control.
Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control.
Includes Cat Grade Control service manual. Angle sensor calibration and Cat Grade Control measure up will done at dealership.
INCLUDES: 374-0284 LOAD ASSIST ARR
REQUIRES: 374-0283 SEQUENCE ASSIST ARR
469-3420 MAST, WIRING
CANNOT BE USED WITH: 469-3414 TIRE SPIN REDUCTION, ADVANCED
469-3415 SPIN REDUCTION W/ LOAD ASSIST
469-3416 CGC, SPIN REDUCTION, LOAD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST

L **469-3416** **CGC,SPIN REDUCTION,LOAD ASSIST** 0 **$45,080**

Premium option contains Advance Tire Spin Reduction, Cat Grade Control, and Load Assist.
Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control.
Includes Cat Grade Control service manual. Angle sensor calibration and Cat Grade Control measure up will done at dealership.
INCLUDES: 374-0284 LOAD ASSIST ARR
469-3414 TIRE SPIN REDUCTION, ADVANCED
REQUIRES: 374-0283 SEQUENCE ASSIST ARR
469-3420 MAST, WIRING
CANNOT BE USED WITH: 374-0284 LOAD ASSIST ARR
374-0286 CAT GRADE CONTROL/ LOAD ASSIST
469-3415 SPIN REDUCTION W/ LOAD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER
		SAFETY AND SECURITY		
L	374-0194	**CAMERAS, WAVS**	0	$5,300
		Work Area Vision System: Consists of three cameras showing right side, cutting edge and directly behind the machine. A display in the cab with a rocker switch for toggling between cameras. REQUIRES: 469-3420 MAST, WIRING		
L	449-0260	**BEACON LIGHT, CAB ROOF**	4	$359
		Rotating amber beacon installed on roof of cab CANNOT BE USED WITH: 449-0261 HORN, AIR; 449-0262 BEACON LIGHT W/ HORN		
L	449-0261	**HORN, AIR**	26	$1,710
		Self contained air horn CANNOT BE USED WITH: 449-0260 BEACON LIGHT, CAB ROOF; 449-0262 BEACON LIGHT W/ HORN		
L	449-0262	**BEACON LIGHT W/ HORN**	29	$2,010
		Combines both the self contained air horn and amber rotating beacon CANNOT BE USED WITH: 449-0260 BEACON LIGHT, CAB ROOF; 449-0261 HORN, AIR		

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

GUARDS

L	374-2840	FENDER, SCRAPER	0	$4,680
L	399-0775	OVERFLOW GUARD, SCRAPER	0	$4,520

FIELD INSTALLED ATTACHMENTS

For Dealer Installed Options please reference TEKQ1167

PACKING

DOMESTIC PACKING

0P-0255	DOMESTIC TRUCK,TR/SCR COMBINED	0	NC
	Note: Some weight issues have occurred when shipping to certain states. Following parts are removed for transportation: belly guard, power trailing guard, banana link and bail.		
0P-0254	DOMESTIC RAIL, TR/SCR COMBINED	0	NC

STORAGE PROTECTION (Must select one)

0P-4616	STORAGE PROTECTION	0	NC
	Please select this if you want Fluid Film (TM) applied		
0P-2671	NO STORAGE PROTECTION	0	NC
	Please select this if you do not want Fluid Film (TM) applied. ***If no storage protection is selected corrosion damage will not be covered under standard machine warranty.		

637K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

Ship Weight lbs | LIST PRICE AT DEALER

Standard Equipment:

POWERTRAIN

TRACTOR:
C18 ACERT (T4F only)
Cat engine brake
Electric start, 24 volt
Air cleaner, dry type
Fan, hydraulic
Ground level engine shutdown
Radiator
Guard, crankcase
Starting aid, ether
Braking system:
Primary and secondary, wet disk,
hydraulic actuated parking,
hydraulic released, spring applied
Throttle lock
Transmission:
-8 speed planetary powershift
-ECPC Control
-Guard, powertrain
-Differential lock protection
-APECS software
-Programmable top gear selection
-Transmission hold
-Differential lock
-Tire spin reduction
-Machine speed limit
-Ground speed control
SCRAPER:
Cat engine brake
Electric start, 24 volt
Fan, Mechanical drive
Ground level engine shutdown
Starting aid, ether
Braking system:
-Primary and secondary, dry caliper,
-hydraulic actuated
4 speed (torque converter drive)
Transmission planetary powershift

ELECTRICAL

TRACTOR:
Alternator, 115 amp
Batteries (4), 12 Volt, 1000 CCA
maintenance free, high output
Electrical system, 24V
Headlights,3x3 LED
Turn signals with hazard function, LED
Floodlight,(2) 3x3 cutting edge
and (1) 3x3 bowl, LED
Side vision (2) 3x3 LED
Starting/charging receptacle
SCRAPER:
Alarm, backup
Alternator, 65 ampere
Batteries (4), 12 Volt, 1000 CCA
maintenance free, high output
Lighting system:
-Brake lights, LED
-Turn signals with hazard function, LED
Starting/charging receptacle

OPERATOR ENVIRONMENT

TRACTOR:
HVAC system, heat, AC, defrost
Thermostat control of HVAC system
Coat hook
Lunch box platform with holding strap
Diagnostic connection (2)
12V power ports (2)
Differential lock (1)
Dome courtesy light
Horn, electric
T-Handle implement control
Radio ready
ROPS/FOPS cab, pressurized
Keypad switches
-Rear engine start
-Throttle lock
-Wipers/washers
-Hazard lights
-Work Lights on, off
-Information mode
-Messenger display
Safety tab rocker switches:
-Parking brake
Seat belt, static two-piece
Seat, Cat Advanced Ride Management
Cat comfort series 3,
rotates 30 degrees
Steering wheel, tilt, telescoping,
padded
Windows, right side emergency egress
Windows, sliding
Windows, laminated, zipped in
Windshield wipers, front and rear
windows, Includes washers
Door lock
Messenger display gauges,
warnings include:
-Coolant temp
-Engine oil temp
-Hydraulic oil temp
-'DPF temp
-Fuel level
-Park brake
-Implement lockout
-Brake system
-Regeneration required
-Throttle lock

637K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

Ship Weight lbs | LIST PRICE AT DEALER

OPERATOR ENVIRONMENT (CONT.)

-System voltage
-Secondary steering
-Bail down
-Differential lock
-Apron float
-Transmission hold
-Advanced Cushion hitch
-High beam lights
-Action lamp
-Engine speed, rpm
-Gear selection
-DPF fill levels

FLUIDS

Extended life coolant to -37C (-34F)

OTHER STANDARD EQUIPMENT

TRACTOR:
Advanced Cushion Hitch
Accumulators (brake & cushion hitch)
with Canadian Registration Number (CRN)
Fast oil change
Tow hooks, front
Vandalism locks
Steering Locks
Heater, engine coolant 120V
SCRAPER:
Bowl
-34 cubic yard, heaped
-24 cubic yard, struck
Fast oil change
Vandalism locks
Guard, overflow
Heater, engine coolant 120V
Hydraulic position sensing cylinders
(bowl lift and apron)

637K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

	Ship Weight lbs	LIST PRICE AT DEALER

637K WHEEL TRACTOR/SCRAPER
DECATUR, IL, USA

		Ship Weight lbs	LIST PRICE AT DEALER
374-0237	**637K WHEEL TRACTOR-SCRAPER.**	0	**$1,441,090**

LANE 2 - AVAILABLE FROM DECATUR FACTORY

Common Arrangement
(T4 Final/EU Stage IV) Am-North, European Union
Includes C18 ACERT diesel engine with NRS Technology
and the Cat CEM package. Compliant with Tier 4 Final (U.S.)
and Stage IV (EU).
Ultra Low Sulfur diesel fuel is required.
Common arrangement includes both the tractor and the scraper bowl.
Note: To be complete, your machine order must contain:
- CERTIFICATION ARRANGEMENTS
- TRACTOR/SCRAPER ARRANGEMENTS
- SCRAPER ENGINE
- AIR CLEANER
- OPERATOR ACCESS
- TIRES, RIMS, AND WHEELS
  Two (2) Sets
- YEAR OF MANUFACTURING PLATE (If required)
- SERVICE INSTRUCTIONS
- PACKING
  CANNOT BE USED WITHEurasia countries (EAC) -
  - Belarus
  - Kazakhstan
  - Russia
  - Armenia
  - Kyrgyzstan

374-0240	**637K WTS COAL BOWL**	0	**$1,471,370**

LANE 2 - AVAILABLE FROM DECATUR FACTORY

Common Arrangement
Includes C18 ACERT and C9.3 ACERT diesel
engine with NRS Technology and the Cat CEM
package. Compliant with Tier 4 Final
(U.S.) and Stage IV (EU).
Ultra Low Sulfur diesel fuel is required.
Common arrangement includes both the tractor and the scraper bowl.
Note: to be complete, your machine order must contain:
- CERTIFICATION ARRANGEMENTS
- STEERING ARRANGEMENTS
- SCRAPER ENGINE
- AIR CLEANER
- OPERATOR ACCESS
- TIRES, RIMS, AND WHEELS
  Two (2) Sets
- YEAR OF MANUFACTURING PLATE (If required)
- SERVICE INSTRUCTIONS
- PACKING
  CANNOT BE USED WITHEurasia countries (EAC) -
  - Belarus
  - Kazakhstan
  - Russia
  - Armenia
  - Kyrgyzstan

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

LANE SELECTION

	0P-9002	LANE 2 ORDER	0	NC

REGIONAL PACKAGES

CERTIFICATION ARRANGEMENTS

L	374-1710	CERTIFICATION, STANDARD Includes accumulators with Canadian Registration Number (CRN). CANNOT BE USED WITH: EU Dealers	0	NC

SPECIAL ARRANGEMENTS

TRACTOR/SCRAPER ARRANGEMENTS

L	374-0290	TRACTOR/SCRAPER ARR, STANDRD ONLY FOR USE WITH: 374-0237 637K WHEEL TRACTOR-SCRAPER 374-0337 637K WHEEL TRACTOR-SCRAPER	0	NC
L	374-0292	TRACTOR/SCRAPER ARR, PUSH/PULL This arrangement comes with a cushioned push plate and bail on the tractor and hook on the scraper. ONLY FOR USE WITH: 374-0237 637K WHEEL TRACTOR-SCRAPER 374-0337 637K WHEEL TRACTOR-SCRAPER	0	$57,920

POWERTRAIN

SCRAPER ENGINE

L	564-4655	ENGINE, T4 C9.3 Scraper Tier 4 engine, Tier 4 Tractor engine is included in common arrangement ONLY FOR USE WITH: 374-0237 637K Wheel Tractor-Scraper 374-0240 637K WTS Coal Bowl	0	NC

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

OPERATOR ENVIRONMENT

CAB FILTRATION

L	423-0722	**AIR CLEANER, STANDARD**	0	NC
		Standard cab air cleaner only		
L	432-5976	**AIR CLEANER,POWERED PRECLEANER.**	0	$650
		Standard cab air cleaner with powered pre-cleaner for dusty environments		

OPERATOR ACCESS

L	374-2790	**STANDARD ACCESS, LADDER**	0	NC
		Cab access via a rope ladder, two rungs		
L	374-0193	**POWERED ACCESS, STEPS**	0	$7,440
		Inclined powered access ladder that folds up under the cab when not in use. Comes with a light for night time or early morning use. Manual release levers (2) in case of power loss.		

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

TIRES, RIMS, AND WHEELS

Due to industry-wide tire availability limitations, tire brand and type cannot be guaranteed. Every effort will be made to satisfy your tire choice, but we reserve the right to change to alternate tires. If the tire brand cannot be supplied, we may contact the dealer. However, in some cases, we will change to an alternative premium brand tire without notice. If the tire type cannot be supplied, we will contact the dealer to propose alternatives. The dealer needs to choose an alternative tire a "rims only" option (where available) within 72 hours. If no response is provided by the deadline, the order will default to the alternative tire and will be changed at that point. As a consequence of a possible tire change, the total machine price will be decreased or increased depending on the price of the new tire.

Two sets required for tractor and scraper combined, and each set (part number) includes 2 tires. When ordering one of the following tire groups must be specified. This machine has been designed to run on 37.25R35 sized tires. To select the correct tire that will be appropriate for the application and job site conditions, contact the tire manufacture or local tire dealer.

Bridgestone

L	264-1402	**TIRES, 37.25R35 BS VLT** E-3**	5,097	**$2,050**
		Bridgestone Radial. V-Steel L-Traction. E2A compound. Offers good traction and flotation for wet, muddy, soft underfoot conditions. Its stability contributes to improved operator comfort.		

Michelin

L	220-5667	**TIRES, 37.25R35 MX XTS** E3**	4,937	**$5,990**
		Michelin Radial. A long life tire resistant to damage with open, non-directional tread for good operator comfort and traction.		

USE	REF NO.	LANE 2 MANDATORY	Ship Weight lbs	LIST PRICE AT DEALER

INSTRUCTIONS

SERVICE INSTRUCTIONS

Note: This part number will provide the films in ANSI
or ISO Pictograms.
The word "WARNING" is on picto decals for ANSI.
Symbols only are on picto decals for ISO.

L **374-0361** **DECALS, ENGLISH (ANSI)** . . . . . 0 **NC**
Provides decals as required by ANSI.
Cannot be shipped into Quebec, Canada.
ONLY FOR USE WITH: 374-0237 637K WHEEL TRACTOR-SCRAPER
374-0240 637K WTS COAL BOWL

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

ELECTRICAL

WIRING GROUPS

L	374-8922	**WIRING GRP, SEQUENCE ASSIST**	0	$84

Required by 374-0283 SEQUENCE ASSIST ARR when ordered as stand alone feature.
374-0283 SEQUENCE ASSIST ARR requirement is satisfied when ordering and CAN NOT BE USED WITH any of the followong options:
- 374-0285 LOAD ASSIST ARR
- 374-0287 CAT GRADE CONTROL/ LOAD ASSIST
- 469-3417 TIRE SPIN REDUCTION, ADVANCED
- 469-3418 SPIN REDUCTION W/ LOAD ASSIST
- 469-3419 CGC, SPIN REDUCTION, LOAD ASSIST

TECHNOLOGY PRODUCTS

PRODUCT LINK

Product Link enables the remote transmission of information about the location, operation, and condition of your equipment. Efficientlyl and effectively monitor the performance of your assets to help keep your jobs on schedule, maintain equipment condition, and reduce the costs of owning and operating your fleet. Availability varies byse country - please reference https://Dealer.cat.com/PL/Certification for certified countries. Please contact your Caterpillar marketing representative with questions.

L	499-5521	**PRODUCT LINK, CELLULAR PLE641**	0	NC

Product Link Elite series PLE641 offers expanded coverage including 3G UMTS and CDMA2000 as well as 2G GSM and CDMA cellular networks to transmit location, utilization, health and productivity information for viewing in Product Link user applications.Cellular technology provides capabilities for frequent transmission and larger volumes of data.

TECHNOLOGY PRODUCTS

L	374-0283	**SEQUENCE ASSIST ARR**.	0	$3,660

Machine performs multiple functions including:
- Ready to Load (adjusts bowl and apron to preset position, searches for and locks in 2nd gear, locks down cushion hitch)
- Ready to Haul (adjusts bowl and apron to preset position , unlocks cushion hitch, releases 2nd gear transmission lock)
- Ready to Unload (adjusts bowl and apron to preset position, brings ejector forward)
- Ready to Return (adjusts bowl and apron to preset position, returns ejector back)

Includes Payload Estimator and load counter
REQUIRES: One of the options listed below:
374-8922 WIRING GRP, SEQUENCE ASSIST
374-0285 LOAD ASSIST ARR
374-0287 CAT GRADE CONTROL/ LOAD ASSIST
469-3417 TIRE SPIN REDUCTION, ADVANCED
469-3418 SPIN REDUCTION W/ LOAD ASSIST
469-3419 CGC, SPIN REDUCTION, LOAD ASSIST

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS (Cont.)

L	469-3417	**TIRE SPIN REDUCTION, ADVANCED**	0	$2,090
		This feature will allow the machine to control the slip of the tractor tires only. When Tire Spin Reduction is selected the machine will control wheel spin on the tractor by keeping the slip in theoptimal range for loading by adjusting engine rpms with no additional operator input. REQUIRES: 374-0283 SEQUENCE ASSIST ARR CANNOT BE USED WITH: 374-0285 LOAD ASSIST ARR 374-0287 CAT GRADE CONTROL/ LOAD ASSIST 374-8922 WIRING GRP, SEQUENCE ASSIST INCLUDED IN: 469-3418 SPIN REDUCTION W/ LOAD ASSIST 469-3419 CGC, SPIN REDUCTION, LOAD ASSIST		
L	374-0285	**LOAD ASSIST ARR**	0	$6,650
		Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed. REQUIRES: 374-0283 SEQUENCE ASSIST ARR CANNOT BE USED WITH: 374-8922 WIRING GRP, SEQUENCE ASSIST 469-3417 TIRE SPIN REDUCTION, ADVANCED INCLUDED IN: 374-0287 CAT GRADE CONTROL W LOAD ASSIST 469-3418 SPIN REDUCTION W/ LOAD ASSIST 469-3419 CGC, SPIN REDUCTION, LOAD ASSIST		
L	469-3418	**SPIN REDUCTION W/ LOAD ASSIST**	0	$8,740
		Load assist controls the cutting edge during the loading process. The cutting edge depth is controlled based on machine information including rpm, true ground speed and wheel speed. INCLUDES: 469-3417 TIRE SPIN REDUCTION, ADVANCED REQUIRES: 374-0283 SEQUENCE ASSIST ARR CANNOT BE USED WITH: 374-0285 LOAD ASSIST ARR 374-0287 CAT GRADE CONTROL/ LOAD ASSIST 469-3419 CGC, SPIN REDUCTION, LOAD ASSIST 374-8922 WIRING GRP, SEQUENCE ASSIST		
L	374-0287	**CAT GRADE CONTROL/ LOAD ASSIST**	0	$42,990
		Option for Load Assist includes Cat Grade Control. Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control. Includes Cat Grade Control service manual. Angle sensor calibration and Cat Grade Control measure up will done at dealership. INCLUDES: 374-0285 LOAD ASSIST ARR REQUIRES: 374-0283 SEQUENCE ASSIST ARR CANNOT BE USED WITH: 469-3417 TIRE SPIN REDUCTION, ADVANCED 469-3418 SPIN REDUCTION W/ LOAD ASSIST 469-3419 CGC, SPIN REDUCTION, LOAD ASSIST 374-8922 WIRING GRP, SEQUENCE ASSIST		

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

TECHNOLOGY PRODUCTS (CONT.)

TECHNOLOGY PRODUCTS (Cont.)

L	469-3419	**CGC,SPIN REDUCTION,LOAD ASSIST**	0	**$45,080**

Premium option contains Advance Tire Spin Reduction, Cat Grade Control, and Load Assist.
Includes cab display, scraper mounted receiver, mast, and angle sensor. Data radio is required but not included, and must be ordered from Trimble for full automatic grade control.
Includes Cat Grade Control service manual. Angle sensor calibration and Cat Grade Control measure up will done at dealership.
INCLUDES: 374-0285 LOAD ASSIST ARR
469-3417 TIRE SPIN REDUCTION, ADVANCED
REQUIRES: 374-0283 SEQUENCE ASSIST ARR
CANNOT BE USED WITH: 374-0285 LOAD ASSIST ARR
374-0287 CAT GRADE CONTROL/ LOAD ASSIST
469-3418 SPIN REDUCTION W/ LOAD ASSIST
374-8922 WIRING GRP, SEQUENCE ASSIST

USE	REF NO.	LANE 2 OPTIONAL	Ship Weight lbs	LIST PRICE AT DEALER

SAFETY AND SECURITY

L	374-0195	**CAMERAS, WAVS**	0	$5,300
		Work Area Vision System: Consists of three cameras showing right side, cutting edge and directly behind the machine. A display in the cab with a rocker switch for toggling between cameras. INCLUDED IN: 487-0708 637K WTS NORTH AMER. COAL CFG1		
L	449-0260	**BEACON LIGHT, CAB ROOF**	4	$359
		Rotating amber beacon installed on roof of cab CANNOT BE USED WITH: 449-0261 HORN, AIR; 449-0262 BEACON LIGHT W/ HORN		
L	449-0261	**HORN, AIR**	26	$1,710
		Self contained air horn CANNOT BE USED WITH: 449-0260 BEACON LIGHT, CAB ROOF; 449-0262 BEACON LIGHT W/ HORN		
L	449-0262	**BEACON LIGHT W/ HORN**	29	$2,010
		Combines both the self contained air horn and amber rotating beacon CANNOT BE USED WITH: 449-0260 BEACON LIGHT, CAB ROOF; 449-0261 HORN, AIR		

FIELD INSTALLED ATTACHMENTS

For Dealer Installed Options please reference TEKQ1167

PACKING

DOMESTIC PACKING

0P-0255	**DOMESTIC TRUCK,TR/SCR COMBINED**	0	NC
	Note: Some weight issues have occurred when shipping to certain states. Following parts are removed for transportation: belly guard, power trailing guard, banana link and bail.		
0P-0254	**DOMESTIC RAIL, TR/SCR COMBINED**	0	NC

STORAGE PROTECTION (Must select one)

0P-4616	**STORAGE PROTECTION**	0	NC
	Please select this if you want Fluid Film (TM) applied		
0P-2671	**NO STORAGE PROTECTION**	0	NC
	Please select this if you do not want Fluid Film (TM) applied. ***If no storage protection is selected corrosion damage will not be covered under standard machine warranty.		