



Current Date 01Feb2017

655K CRAWLER LOADER

655K Standard Equipment

ENGINE:

John Deere PowerTech PVX
6.8L certified to IT4 / Stage
IIIB

emissions

145 SAE Net hp (110 kW)

Isolation Mounted

No power Derating up to
10,000 ft Altitude

Electronic control with
automatic engine protection

Variable-Geometry

Turbocharger(VGT)

Exhaust Gas Recirculation

Diesel particulate filter

Electronically Controlled Fuel
Delivery System

Wet Sleeve Cylinder Liners

Vertical Spin-on Engine Oil
Filter

Vertical Spin on Dual Stage
Fuel Filter

Fuel/Water Sensor

Electric Fuel Primer

Vacuum-aspirated dual
element dry canister

Engine glow plug starting
system

Muffler, Self-Draining, Under
Hood, with Exhaust Stack
(remote mounted
on hood)

Environmental drain
provisions are provided for
the hydraulic oil,
engine oil, engine coolant,
transmission and fuel tank

COOLING SYSTEM:

Engine Coolant -34 Degree F
(-37 Degree C)

Coolant Recovery Tank
Quad-Cool, Tilt-out fan box,
suction type

Cool On Demand Hydraulic
Fan

Perforated engine hood and

Bucket Control Compatible
for Additional Functions

Hydraulic Diagnostic Ports
32 Gallon (121 Liter)

Independent Hydraulic Oil
Reservoir

POWER TRAIN:

Dual Path Hydrostatic
Transmission

Automatic Load Sensing for
Speed and Power

Management

AutoTracking Steering

Control

28 Gallon (106 Liter)

Hydrostatic Reservoir Tank
V-Pattern w/ Pedals or

Single Lever Joystick

Steering, Direction /
Speed Control with Counter
Rotation

Combined Decelerator/Brake
Pedal

Selectable reverse speed
ratios 100%, 115%, or
130% of forward ground

speed Electronic Control with
Automatic Transmission
Protection

Double Reduction Final
Drives with Wet Multi-Disk
Brakes

Integral Final Drive Seal
Protection

Primary and Secondary
Service Brakes (Conforms to
ISO 10265)

Automatic Spring-Applied,
Hydraulic Released Park
Brake - Lever

Operated (Conforms to ISO
10265)

Transmission Diagnostic
Ports

Transmission Decelerator

UNDERCARRIAGE:

Electronic Monitor System
with Audible and Visual

Warning:

Engine Coolant Temperature
Transmission Oil

Temperature

Hydraulic Oil Temperature

Transmission Pressure

Low Alternator Voltage

Engine Air Filter Restriction

Hydraulic Filter Restriction

Transmission Filter

Restriction

Hydraulic Fan Filter

Restriction

Water in Fuel

Machine Diagnostic Service
Code

Indicator lights

Fasten-Seat-Belt

Return-To-Neutral

Park Brake

Calibration/Service Mode

Decelerator Function Mode

Digital Readout:

Tachometer

Alternator Voltage

Hourmeter

Machine Diagnostic Service
Code(s)

Transmission Charge
Pressure

Transmission Direction and
Speed

Diagnostic Service Codes

Monitor Settings

Calibration

Transmission Control
Settings

Machine Travel History

Gauges, Electric,

Illuminated:

Engine Coolant Temperature

Engine Oil Pressure

Fuel Level

Electronic Engine Speed Dial

side shields	Oscillating Undercarriage with Remote Lube	Horn, Electric (Conforms to SAE J994, J1446, ISO 9533)
10-Fin/in. Engine Coolant Radiator	20 in. (508 mm) Closed Center Moderate Service Double-Grouser Track Shoes	Coded Keyless Start with Electric Fuel Shut Off
10.2-Fin/in. Hydrostatic Oil-to-Air Cooler	Adjustable Track Sag Segmented Sprockets	Interior Mounted Rearview Mirror (Conforms to SAE J985)
10.2-Fin/in. Hydraulic Oil-to-Air Cooler	Front & Rear Chain Guides with Bolt-on Wear Surfaces	OVERALL VEHICLE:
10.2-Fin/in. Charge Air Cooler (Air to Air)	OPERATOR STATION:	JDLink Ultimate wireless communication system
6-Fin/in. Fuel Cooler	Modular Design Isolation Mounted ROPS/FOPS	NeverGrease Pin Joint Loader Linkage
Enclosed Safety Fan Guard (Conforms to SAE J1308 - ISO 3457)	Operator Station (Conforms to SAE J1040 - ISO 3471)	Unitized Mainframe with:
ELECTRICAL:	Manual/Hydraulic Operated Operator Station Tilt Feature	Integral Bottom Protection
24 Volt System	Left and Right Front Access Floor	Front tow loop, bolt-on
100 Amp Sealed Alternator for cab units	Interior and exterior sound treatment	Integral Machine Transport Tie-Downs
100 Amp Sealed Alternator for canopy units	Slip-Resistant Steps and Ergonomically Located Handholds for Left, Right Access (Conforms to SAE J185 - ISO 2867)	Hinged, Bolt-on Bottom Access Covers
(2) Front Roof-Mounted and (2) Rear-Roof Mounted Halogen, (1) Engine Compartment Lights, and 2 rear reflectors	Air-suspension seat Thigh Support	Fold-out grill
Sealed Switch Module	Lumbar Support	Perforated Engine Side Shields
Bypass Start Safety Cover on Starter	Backrest Tilt	Left & Right Side Hinged Engine Access Panel
24 Volt Electrical Load Center	Height, Weight and Fore-Aft Side Console Leg Cushions	Hinged Mounted Hood with Radiator Access Panel
(2) Batteries with 190 Minute Reserve Capacity, 950 CCA	Adjustable Armrests	Transmission Rear Access Cover
Blade-Type Fuses	Adjustable Foot Rests	Hand holds for Machine Fueling
Electrical Master Disconnect	3 in. (76 mm) Seat Belt with Retractors (Conforms to SAE J386 - ISO 6683)	Lockable Vandal Protection for:
Positive Terminal Battery Covers	Lunch Box Storage	Engine Access Panel
Reverse Warning Alarm (Conforms to SAE J994, J1446, ISO 9533)	Cupholders	Side tank access doors
HYDRAULICS:	Built-in Operator's Manual Storage Compartment and Manual	Fuel tank
50 gpm (189 L/min) Engine Mounted Piston Pump - Load Sensing	12 Volt Power Port	Instrument Panel
Pilot Pressure Control System		Transmission Reservoir
(2)Function Hydraulics for General Purpose Bucket - Single Lever		Hydraulic Reservoir
		69.5 Gallon (263 Liter) Fuel Tank:
		Shut Off Valve at Tank Outlet
		Water Drain on tank
		Fast-Fuel Installation Ready

Required - *You must select one from each category*



BASE MACHINE

F.O.B. Dubuque, Iowa Not all option codes have field kits. Please review your order option codes and available kits prior to placing a machine order.

Description	Code	Price
655K CRAWLER LOADER	9820T	\$213,474.00

▼ MACHINE CONNECTIVITY

Description	Code	Price
JDLink Ultimate Cellular for the Americas, excluding Costa Rica - 5 Years	1710	In Base Price

Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.

JDLink utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLink hardware to restore functionality.

Includes 5 year subscription. Annual subscription renewal required after 5 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to www.StellarSupport.com to renew or update JDLink subscriptions.

Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

JDLink Ultimate Satellite for the Americas, excluding Costa Rica - 5 Years	1711	\$1,936.00
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Includes JDLink hardware: integrated cab wiring harness, antenna, modular telematics gateway (MTG), and JDLink Ultimate activation.

JDLink utilizes cellular and satellite technology infrastructure that is outside the control of John Deere. Changes to that infrastructure may require customers to purchase compatible JDLink hardware to restore functionality.

Includes 5 year dual mode subscription. Annual subscription renewal required after 5 years for continued functionality. JDLink customer account must be created to access JDLink Ultimate data. Go to www.StellarSupport.com to renew or update JDLink subscriptions.

Use of this service, and all rights and obligations of John Deere and the Customer (as identified in the applicable agreement), are governed by the terms and conditions outlined in the applicable Services and Software agreements available at www.JohnDeere.com/Agreements. If these terms and conditions are not agreeable do not proceed and do not use the service.

▼ SPEED & DIRECTION CONTROLS

Description	Code	Price
Joystick Steering with FNR, Variable Speed, Direction Control and Brake Pedal	3010	In Base Price

"v" Pattern Speed and Direction Control with Pedal Steering	3020	No Charge
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▼ HYDRAULIC-DRIVE ENGINE FAN

Description	Code	Price
Hydraulic-Drive Engine Fan	3510	In Base Price

Auto-Reversing, Hydraulic-Drive Engine Fan	3520	\$1,786.00
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▼ UNDERCARRIAGE

Description	Code	Price
<u>TRACK SHOES AND CHAIN</u>		
Sealed and Lubed 38 link Track Chain with Full Width and Closed Center Grousers except as noted.		

20 In. (508 mm), Closed Center Double Grouser	4520	(\$660.00)
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22 In. (560 mm), Closed Center Double Grouser	4530	In Base Price
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TRACK SHOES AND CHAIN W/ EXTENDED LIFE BUSHINGS

Sealed and Lubed 38 link Track Chain with Extended Life Bushings. Full Width and Closed Center Grousers except as noted.

20 In. (508 mm), Closed Center Double Grouser with Extended Life Bushings	4620	\$1,899.00
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22 In. (560 mm), Closed Center Double Grouser with Extended Life Bushings	4630	\$2,558.00
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OPERATOR STATION

Description	Code	Price
Canopy	5025	In Base Price

Includes floormat

Enclosed Cab with Polycarbonate Front Windshield	5075	\$30,294.00
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Includes:
 130 Amp Alternator
 Left and Right quarter hinged windows
 Tinted safety glass
 Dome light
 Fresh air intake heater/defroster (conforms to SAE J1503, J1535D) 24,000 BTU air conditioning
 Floormat
 (3) Windshield wiper/washers for Windshield and Doors
 interior mounted rearview convex mirror, 4 in. (101.5 mm) wide and 8 in. (203 mm) long - (conforms to SAE J985)
 AM/FM/WB Radio with CD and additional power port.

Cab with Air Conditioner and Heater	5085	\$28,919.00
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Includes:
 130 Amp Alternator
 Left and Right quarter hinged windows
 Tinted safety glass
 Dome light
 Fresh air intake heater/defroster (conforms to SAE J1503, J1535D) 24,000 BTU air conditioning
 Floormat
 (3) Windshield wiper/washers for Windshield and Doors
 interior mounted rearview convex mirror, 4 in. (101.5 mm) wide and 8 in. (203 mm) long - (conforms to SAE J985)
 AM/FM/WB Radio



SEAT

Description	Code	Price
Air Suspension Comfort Control High Back Vinyl Seat	5855	In Base Price

3 in. (76 mm) retractable seat belt.
Backrest tilt, thigh support, lumbar, height, weight and fore-aft positioning.
Requires Code 5025.

Air Suspension Comfort Control High Back Fabric Seat	5885	No Charge
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3 in. (76 mm) retractable seat belt.
Backrest tilt, thigh support, lumbar, height, weight and fore-aft positioning.
Requires Code 5075 or 5085.

Air Suspension Heated Comfort Control High Back Fabric Seat	5890	\$638.00
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3 in. (76 mm) retractable seat belt.
Backrest tilt, thigh support, lumbar, height, weight and fore-aft positioning.
Requires Code 5075 or 5085.

▼ LOADER CONTROLS & FRONT HYDRAULICS

Description	Code	Price
Dual Axis Joystick Loader Controls Without Front Hydraulics	7110	In Base Price
Dual Axis Joystick Loader Controls With Front Hydraulics	7120	\$6,002.00
2 Lever Loader Controls Without Front hydraulics	7130	\$563.00
3 Lever Loader Controls with Front Hydraulics	7140	\$6,562.00

▼ GREASES, FUEL, OIL & COOLANT

Description	Code	Price
Hydraulic And Hydrostatic Oil - Hydrau	8010	In Base Price

Standard Factory Fill.
Provides All-Season Capability in Ambient Temperatures Ranging From -25C (-13F) to 50C (122F).

Hydraulic And Hydrostatic Oil - Hydrau XR	8020	\$571.00
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Optional Factory Fill.
Intended for Colder Climates with Extreme Cold Ambient Temperatures down to -40C (-40F)
Provides All-Season Capability in Ambient Temperature Ranging from -40C to 40C (-40F to 104F).

▼ LOADER BUCKET

Description	Code	Price
Less Bucket	8705	In Base Price
2.4 Cu. Yd. (1.85 Cu. M.) General Purpose Bucket	8710	\$9,265.00
2.1 Cubic Yard (1.6 Cu. M.) Multipurpose Bucket	8720	\$19,535.00

Requires 7120 or 7140 for Loader Controls & Front Hydraulics.

▼ CUTTING EDGES

Description	Code	Price
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LESS Cutting Edges	8805	In Base Price
Bolt-On (Full Lip) Cutting Edges	8810	\$1,450.00
Bolt-On Segments and Teeth (8)	8820	\$2,396.00
Bolt-On Bucket Teeth (8)	8830	\$2,174.00

Optional - *Select as desired*

OPTIONAL EQUIPMENT - ORDER AS DESIRED

Description	Code	Price
<u>UNDERCARRIAGE</u>		
Bolt-on Rock Guards - Full Length	9150	\$3,454.00
Final Drive Seal Trash Guards	9160	\$1,806.00
Included with CustomWorks Installed Landfill Package		
<u>OPERATOR STATION</u>		
Under-Seat Canopy Heater for Canopy Crawlers	9125	\$1,340.00
Requires code 5025, Canopy. 30,000 BTU		
Work Lights, (2) Additional	9168	\$329.00
Adds two additional roof-mounted work lights. Included with CustomWorks Installed Landfill Package		
Additional Accessory 12 Volt Power Port	9370	\$230.00
<u>OVERALL VEHICLE</u>		
Severe Duty Fuel Filter & Water Separator with Heater	9060	\$542.00
Fluid Sampling Ports	9070	\$185.00
Quick Service Group	9075	\$741.00
Auxiliary Hydraulic Controls and Plumbing for Rear Attachments	9090	\$5,792.00
Single Stage Rotary Ejector Engine Air Precleaner	9130	\$1,028.00
Included with CustomWorks Installed Landfill Package		
Heavy Duty Parallelogram Ripper with 5 Shank Pockets and (3) Shank/Teeth	9187	\$15,122.00
Not for use code 9010 Requires code 9090, Rear Hydraulic Controls and Plumbing. When ordered, counterweight will be removed.		
Retrieval Hitch Loop	9340	\$325.00
Not for use with code 9187, Ripper or code 9010, Landfill Package		
Engine Block Heater	9530	\$213.00

Non-Export Rust Preventive Coating	9909	\$156.00
Landfill Package	9010	\$5,106.00
Requires Code 3520 and 5075. Not For Use With 9187 or 9340. Includes Final Drive Trash Guards, Two Additional Front Lights, Rotary Precleaner and All Cylinder Guards. Requires AT426083. Recommend: Trapezoidal hole shoes and rear striker bars.		
<u>CYLINDER GUARDS</u>		
Bucket Cylinder Protection	9096	\$1,291.00
Included with CustomWorks Installed Landfill Package		
Lift Cylinder Line Protection	9097	\$1,191.00
Included with CustomWorks Installed Landfill Package		
Cylinder Protection for Multi-purpose Buckets	9098	\$547.00
Requires Code 8720 bucket. Included with CustomWorks Installed Landfill Package.		
<u>EXPORT EQUIPMENT</u>		
French Label Kit	9173	No Charge
Spanish Label Kit	9178	No Charge



ATTACHMENTS FOR FIELD CONVERSION

F.O.B. Dubuque, Iowa for dealer-installed kits, except where noted. Some of the following kits may require additional parts for a complete installation. Prior to ordering, check the installation instructions by going to www.johndeeretechno.com and clicking on Library, or by clicking on this Hyperlink ([Installation Bulletin Search](#)), and insert the AT number to retrieve the attachment installation instruction bulletin for additional parts. Exception to above note is FRONTIER Dealer Installed Kits. All attachments are sold as a quantity of one.

Description	Code	Price
<u>Buckets:</u>		
2.1 Cubic Yd (1.6 Cu M) Multipurpose 4-1 Bucket	AT386918	\$17,225.00
Includes hydraulic hoses for front hydraulic bulkhead. Teeth and segments may be ordered separately.		
2.4 Cubic Yd (1.85 Cu M) General Purpose Bucket	AT415204	\$9,359.00
Teeth and segments may be ordered separately.		
Bolt-on Cutting Edges	AT415212	\$1,465.00
For use with multipurpose or general-purpose buckets		
Bucket Teeth and Adapters	AT415211	\$2,534.00
For use with multipurpose or general-purpose buckets		

Cold Start:

Engine Coolant Heater	AT388232	\$37.00
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Not for use with fuilid sampling ports

Frame Attachment:

Radial Ripper, Three Shank	AT385693	\$15,273.00
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Requires Auxiliary Controls and Plumbing for Rear Attachments (factory or field).
Rear bumper sides/corners must be removed prior to installation.

Guards:

Bucket Cylinder Protection Kit	AT418009	\$1,252.00
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Clam Cylinder Protection Kit for Multi-Purpose Bucket	AT418010	\$855.00
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Final Drive Seal Trash Guards	AT357218	\$1,671.00
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Average installation, 2 hours.
Seal guards are for dry conditions, like trash applications or demolition and NOT
for wet/muddy conditions.

Lift Cylinder Line Protection	AT418050	\$1,153.00
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HYDRAULICS

2 Lever Control to Dual Axis Joystick Conversion Kit	AT367899	\$1,676.00
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For use with General Purpose Bucket

3 Lever Control to Dual Axis Joystick with solenoid valve Conversion Kit	AT368058	\$1,979.00
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For use with Multi-Purpose Bucket

Auxiliary Hydraulic Controls, and Plumbing For Rear Attachments	AT367983	\$2,315.00
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Required for Ripper

Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT367883	\$1,429.00
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For use with General Purpose Bucket

Dual Axis Joystick to 2 Lever Control Conversion Kit.	AT368027	\$2,031.00
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For use with Multi-Purpose Bucket

Front Auxiliary Hydraulic Kit for use with 2-Lever Controls	AT367969	\$3,328.00
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Includes 3 Lever Hydraulic Controls, Valve Section, and Hydraulic Hoses to Front
Hydraulic Bulkhead
Required When Multipurpose Bucket is Ordered.

Front Auxiliary Hydraulic Kit for use with Dual-Axis Joystick	AT367951	\$1,637.00
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Includes Solenoid Valve and Hydraulic Hoses to Front Hydraulic Bulkhead.
Required When Multipurpose Bucket is Ordered.

Operator Environment:

Additional 12V Power Port	AT368183	\$265.00
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Overall Vehicle:

Additional Front Lights	AT368356	\$80.00
Custom Works Installed Landfill Package	AT426083	\$19,484.00

Requires Code 9010.
Includes rear corner bumper, fender guards, prescreen guard, bucket trash rack.
Comar number of tractor must be included with order.

Powertrain:

Conversion Kit, Joystick to V-Pattern Control	AT365020	\$4,834.00
Conversion Kit, V-Pattern to Joystick Control	AT373295	\$2,386.00
Includes Footrest		
Engine Intake PreCleaner	AT355770	\$230.00
For use with 850K's below serial number 239651 and 655K's.		
Fluid Sampling Ports	AT394511	\$181.00
Hydraulic-Drive Reversing Fan	AT368297	\$1,557.00
Quick Service Bank for Transmission, Hydraulic, Engine oil & Engine Coolant Fluid changes	AT393917	\$710.00
Severe-Duty Fuel Filter	AT419231	\$542.00
Severe-Duty Fuel Filter	AT422240	\$564.00

REFERRAL ATTACHMENTS

Description	Code	Price
<u>G.R. Mfg.:</u> G.R. Manufacturing, Inc. * Kits listed below must be ordered through John Deere. * F.O.B. Trussville, Alabama * All kits include installation instructions * All warranty, repair parts, technical support and assistance, and sales support and assistance will be the responsibility of G.R. Manufacturing, Inc., and will be handled directly between the Dealer and G.R. Manufacturing, Inc. G.R. Manufacturing, Inc. 4800 Commerce Drive Trussville, Alabama 35173 Phone: (800)841-8001 Fax: (205)655-8005		
	AT419236	\$12,389.00
Requires code 5075 Enclosed Cab with Polycarbonate Front Windshield Includes rear screen, condenser guard, side screens, door screens, rear limb riser, and rear corner bumper.		
	AT419237	\$13,764.00
Includes all screens, rear limb riser, and rear corner bumper.		
Bumper, Rear Corner	AT401659	\$4,087.00

Custom Code 92C1 Less Rear Counterweight is recommended.
 Included with CustomWorks Installed Landfill Package.
 Not For Use with rippers 9187 or 9340.
 Required with Limb Risers, Rear
 Includes integral retrieval hitch.

Guard, Fender	AT419238	\$2,628.00
Included with CustomWorks Installed Landfill Package		
Landfill Rear Strikers	AT420393	\$3,394.00
Limb Risers, Rear	AT419235	\$2,582.00
Requires Bumper, Rear Corner		
Screen, Cab Door	AT392773	\$1,970.00
Screen, Cab Rear	AT392771	\$1,095.00
Screen, Cab Side	AT392772	\$1,726.00
Screen, Canopy Door and Front	AT392776	\$2,632.00
Screen, Canopy Rear	AT392774	\$985.00
Screen, Canopy Side	AT392775	\$1,726.00
Screen, Front Canopy	AT399453	\$1,752.00
Trash Rack, General-Purpose Bucket	AT401662	\$2,109.00
Included with CustomWorks Installed Landfill Package		