



SALES QUOTE

QUOTE DATE: June 25, 2018

PREPARE FOR: Scott Bowling
Fleet Services Supervisor II
Fleet Facility Unit
City of Ann Arbor Public Services
4251 Stone School Road
Ann Arbor, MI 48106

Per your request we are pleased to quote the following:

TYPE OF EQUIPMENT: Labrie Expert 31 YD Expert Helping Hand mounted on
2109 Auto-Car Chassis
With the following:

FEATURES:

CONFIGURATIVE FEATURES:

Drop-frame only by Labrie (Hydraulic and fuel tank not included
Must be selected separately)
Tank – Hydraulic tank in drop section – 65 gal. fuel/71 Gal Hydraulic
(Cab-over Diesel)

LIFTING ARM OPTIONS:

Grabber counting device: counts number of carts dumped
Long Reach Extension (RH-side Helping Hand only)

CANS & TIPPERS OPTIONS:

L-H Side Cart Tipper – Series 220 Cylinder style – Includes Packer And
Crusher Panel Controls and Chute controls in equipped (N/A with
Helping – Hand comingle units)
Split Hopper Dutch Door

CONTROL OPTIONS

Auxiliary arm controls in cab: RH-side (Mini-joystick style)
Single crusher panel control: additional in-cab including limit switch on
LH-side hopper door (requires camera in hopper installed at factory)

HYDRUALIC OPTIONS:

Packer Cylinder hydraulic oil regeneration: (not available with ISI-G engine)

LIGHTING OPTIONS:

Back up Lights: Qty 2 additional on mid-body rubrails – LED type
Lights: amber – alternating – flashing 4" LED in front-of-body
Location: LH-side hopper (1)
Location: RH-side rail (4)
Multifunction Lights Package – Multifunction round amber lights (4)
Oval center brake light –red in upper tailgate light bar (2)
Work light kit: dual-in-cab single manual switch – LED type

CAMERA OPTIONS:

Hopper: LH-side (4)
RH-side post pointing curbside (5)
Tailgate center 2/3 (1)
Triple 3rd Eye: 7" color LED swivel monitor: Includes heater
Sound – Night Vision 4-in1 display – high electromagnetic
Noise resistance & auto-switcher, No shutter

BODY OPTIONS:

Anti-sail bars on rear mud flaps (N/A with tag axle or comingle body or 15cy body)
Clean out tools (broom & shovel kit including brackets installed inside RH-side
Door, hoe including bracket installed on LH-side body)
Fire Extinguisher – 20 lb (standard position: body curbside unless specified
Otherwise by regulation)
Hardox 450 Body Floor Upgrade

Chassis Options:

Toolbox: Aluminum –Chassis-Mounted-size 18"x43"x24" hydraulic tank
Shape (fits in-drop; n/a on all chassis types)

PAINT OPTIONS:

Body - 1 Color Urethane Body Paint (including in unit base price – Includes
Bolt-on parts painted body color)
**CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY
BACK 50 FEET – 65in x 20 in**

NON STANDARD OPTIONS:

Strobe Light and alternating flashing lights must be ON when the pump
Is ON, or switch ON
Electrical – Programming – Send the cart counting signal to an output for
A GPS system (Cart counter NOT included) (Conditional on available outputs)
AU EX MX MB WI
Hydraulic, Hydraulic System shut down with error message on mulifplex
Display – Return filter in by-pass mode
Auto-lube system for body and arm Helping Hand

PRICE:

1 – 31 Yd Labrie Expert Helping Hand \$171,820.00
Less 2% NJPA Discount \$-3,436.40

Total Net Body \$168,383.60
FOB Grand Rapids, MI \$3,077.00
PDI \$2,000.00

Body Pricing Grand Total \$173,460.60

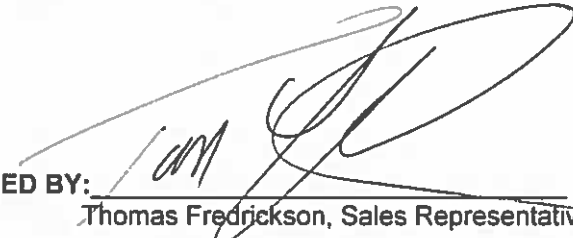
1 – 2019 Auto-Car ACX64 Chassis \$161,181.64

TOTAL DELIVERED PRICE Body&Chassis \$334,642.24

Delivery 210 Days after receipt of order
Price Includes Delivery and Complete Operator Training

Contract:
Labrie Enviroquip Group
NO. 112014-LEG
Sourcewell- Formerly NJPA

Chassis is being presented as a "Sourced Good" or a
"Non-Contract Price Item"


PREPARED BY: _____
Thomas Fredrickson, Sales Representative

ACCEPTED BY: _____



Tom Fredrickson <tom@fredricksonsupply.com>

Ann Arbor Spec/Pricing

1 message

Robert Corrado <RCorrado@autocartruck.com>

Thu, Jun 21, 2018 at 2:17 PM

To: "Tom Fredrickson (tom@fredricksonsupply.com)" <tom@fredricksonsupply.com>

Tom,

Here you go. Let me know if you have any questions. When you price Scott, please pass this info along.

Pricing: \$161,181.64

Keep in mind this chassis includes:

-X12 '18 350 HP / 2000RPM / 1350 LB-FT, CUMMINS

-Michelin Tires

-TRANSMISSION WARRANTY -ALLISON 5YR. EXT WARRANTY

-ENGINE WARRANTY-2017 ISX-D HD1 5YRS/300K MILES EXTENDED WARRANTY PP

EXHAUST AFTERTREATMENT EXTENDED WARRANTIES -2017 ISX-D AT3 5YRS/300K MILES AFTERTREATMENT EXTENDED WARRANTY

Thank You,

Rob Corrado**Autocar Trucks**

Regional Business Manager- Midwest

551 S. Washington St.

Hagerstown, IN 47346

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3 attachments

 **Autocar X12 Flyer.pdf**
394K

 **Equipment Safety Research 2018.pptx**
616K

 **Ann Arbor Updated Final Spec 6-21.pdf**
25K

06/21/2018

Chassis Specification

		Description	Front Weight	Rear Weight	Price
AUTOCAR TRUCKS					
O	ENG0001	ENGINEERING GROUP IDENTIFIER	AUTOCAR ENGINEERING	0	0
S	0040002	MODELS	ACX64	10,431	6,154
O	5000002	CAB SHELL	SINGLE RIGHT HAND DRIVE CAB	0	0
O	100U200	CUSTOMER TYPE	NJPA/SOURCEWELL	0	0
VEHICLE ADAPTATION					
S	114010	COUNTRY OF USE	UNITED STATES STD MARKET ADAPTATION	0	0
SOLUTION					
O	C04006	BODY COMPANY	LABRIE	0	0
O	C02008	BODY TYPE	AUTOMATED/MANUAL SIDE LOADER	0	0
O	C070001	FUEL SYSTEM TYPE	DIESEL	0	0
O	C002013	TRUCK TYPE (WRENCH CODE)	SL, LABRIE DROPFRAME, WB 252, NO AUX AXLE, DIESEL	0	0
O	C06504	BODY STYLE	LABRIE EXPERT 2000T	0	0
O	C05031	TOTAL BODY CAPACITY - BODY/HOPPER	31 YARD	0	0
O	C090003	AXLE QUANTITY	3 AXLE	0	0
O	C080001	REAR SUSPENSION TYPE	STD/BEAM TYPE REAR SUSPENSION	0	0
O	C01003	APPLICATION	REFUSE - LANDFILL	0	0
O	C11006	BODY COMPANY SERVICE OPTION	CONTAINER DUMP	0	0
O	C03003	TERRITORY	CENTRAL	0	0
O	D010200	FRONT GAWR	20000 LBS	0	0
O	D020460	REAR GAWR	46000 LBS	0	0
O	D100660	GVWR	66000 LBS	0	0
ENGINE					
S	1580001	ENGINE VOCATION	COMMERCIAL - DOMESTIC (DOT)	0	0
I	1012014	ENGINE ASSY	X12 '18 350 HP / 2000RPM / 1350 LB-FT, CUMMINS	0	0
S	4460001	FUEL TYPE	ULTRA-LOW SULPHUR DIESEL FUEL REQUIRED	0	0
S	972A001	SPECIAL EMISSION CERTIFICATION LABELS	50 STATE - CALIFORNIA CLEAN IDLE CERTIFIED (DIESEL)	0	0

ENGINE EQUIP

S	128071	ENGINE CONTROL SPECIFICATIONS	DEFAULT SPECS	0	0
O	1290004	ENGINE ELECTRONICS	CUMMINS 500K COMMUNICATION	0	0
S	132034	ENGINE PROTECT SYSTEM/WARNINGS	AUDIBLE/VISUAL ALARM/LOP, HT, LWL	0	0
O	4380013	FILTER-FUEL, CHASSIS MOUNTED	DAVCO 382 FILTER W/ 12V HEAT & H2O PROBE	5	1
O	170025	FILTER-FUEL, ENGINE MOUNTED	CUMMINS SPIN-ON FILTER	-5	0
S	1750001	ENGINE OIL	STANDARD ENGINE OIL	0	0
O	1760001	ENGINE OIL SAMPLING PROVISION	ENGINE OIL SAMPLING PORT	1	0
O	180021	ENGINE BLOCK HEATER	PHILLIPS 120V 1500W	5	0
O	1810003	HEATER RECEPICAL LOCATION-ENGINE	RECEPTACLE LOCATED AT CAB STEPS, RH SIDE	0	0
S	2000004	RADIATOR	1300 SQ. IN., 2-ROW HIGH CAPACITY ALUMINUM	0	0
S	2080001	FAN & DRIVE-ENGINE	2-SPEED FAN	0	0
S	2090001	RADIATOR COOLANT	EXTENDED LIFE COOLANT	0	0
O	2120003	RADIATOR SURGE TANK	STANDARD SURGE TANK W/ SIGHT GLASS	0	0
S	2200001	AIR CLEANER	15" ONE STAGE EPG CLEANER DONALDSON	0	0
S	226001	AIR INTAKE RAIN CAP	BLACK, HOOD TYPE	0	0
O	2302001	MUFFLER SYSTEM	LH VERT HORIZ DPF/SCR	0	0
S	2310003	EXHAUST SHIELDS	DPF & SCR SHIELDS	0	0
S	2320003	EXHAUST STACKS	VERTICAL DIFFUSER, SINGLE STAINLESS STEEL	0	0
O	2390002	UREA DELIVERY SYSTEM	OVER-FENDER MTD., LH SIDE, 10 GAL. CAPACITY	0	0
S	5300001	ENGINE/EXHAUST COVER	ALUM TURBO/EXHAUST PIPE DEBRIS SHIELD	0	0
S	700026	AIR COMPRESSOR	CUMMINS WABCO 18.7 CFM COMPRESSOR	0	0
S	8200003	STARTING MOTOR	DELCO REMY 12V 39 MT W/OCP	0	0
S	8020004	ALTERNATOR	DELCO REMY 36SI 12V 160 AMP	13	0
S	P010065	VEHICLE GOVERNED SPEED LIMIT	SPEED LIMIT 65MPH	0	0
O	P020002	ENGINE IDLE SHUT DOWN	ENGINE IDLE SHUT DOWN DISABLED	0	0
S	P030001	CRUISE CONTROL PARAMETER	CRUISE CONTROL ENABLED	0	0
S	P110000	PTO REGEN INHIBIT THRESHOLD	PTO REGEN INHIBIT THRESHOLD = 0 MPH	0	0

S	P641200	RPM PTO MODE	1200 RPM MAX IN PTO	0	0
S	P701200	PTO SET SWITCH	PTO SET SWITCH = 1200 RPM	0	0
S	P711000	PTO RESUME SWITCH	PTO RESUME SWITCH = 1000 RPM	0	0
S	P730500	PTO RAMP RATE INCREMENT	PTO RAMP RATE INCREMENT = 500 RPM	0	0
S	P830000	IGNORE VSS IN PTO MODE	IGNORE VSS IN PTO MODE = DISABLED	0	0

TRANSMISSION

S	2580003	VOCATION	RDS REFUSE - VOC 400-XXX	0	0
S	2690014	CONTROL MODULE (ELECT)	REFUSE W/ AUTO-NEUTRAL, VP142	0	0
S	26A0001	TRANSMISSION SHIFT SCHEDULE / FUEL SENSE	PRIMARY PERFORMANCE / SECONDARY ECONOMY	0	0
S	27P0000	TRANSMISSION RETARDER AUDIBLE ALARM	NO TRANSMISSION RETARDER AUDIBLE ALARM	0	0
O	2700028	TRANSMISSION	ALLISON 4500 SERIES,6-SPEED	384	59
S	284016	TRANSMISSION CONTROLS	ALLISON PUSHBUTTON CONTROLS	0	0
S	286005	COOLER-TRANSMISSION OIL	OIL TO WATER TYPE	0	0
S	290003	TRANSMISSION OIL FILL/CHECK	OIL FILL TUBE / DIPSTICK W/ LEVEL SENSOR	0	0
S	292004	TRANSMISSION LUBRICANT	TRANSYND SYNTHETIC AUTO TRANS FLUID	0	0
O	300013	DRIVESHAFT-MAIN	SPICER 1810HD HALF ROUND	5	10
O	3170007	PTO-TRANSMISSION MOUNTED	CHELSEA 890 / 897 PTO CLEARANCE (PREP ONLY)	5	0

FRONT AXLE

S	3700002	FRONT AXLE	MERITOR MFS-20 STEER AXLE, 20000# CAPACITY	0	0
S	3690005	FRONT AXLE POSITION	52.5 INCHES	0	0
O	3710003	FRONT SUSPENSION	10200 LB TAPER LEAF REDUCED RIDE HEIGHT, 22000 LB GROUND CAPACITY	-90	5
O	371T01	SUSPENSION, FRONT AUX	AUX LOAD CUSHION	10	0
S	373002	SHOCK ABSORBERS-FRONT	DOUBLE ACTING SINGLE - HEAVY DUTY	0	0
S	904011	HUBS-FRONT	STEEL HUB PILOTED,285MM BOLT CIRCLE	0	0
S	9400001	WHEEL OIL SEALS-FRONT	SCOTSEAL PLUS XL	0	0
S	9210001	HUB CAPS - FRONT AXLE	CR ZYTEL HUBCAP	0	0
S	374002	FRONT AXLE LUBRICANT	SYNTHETIC,DANA SPICER EP75W90,OR EQUIV	0	0

O	7510001	BRAKES-FOUNDATION, FRONT AXLE	MERITOR 16.5X7" QP REFUSE BRAKE	29	0
S	754009	BRAKE SLACK ADJUSTERS -FRONT AXLE	MERITOR AUTOMATIC	0	0
S	755001	DUST SHIELDS - FRT BRAKES	DUST SHIELDS - FRONT BRAKES	0	0
S	901001	BRAKE DRUM-FRONT	CAST IRON	0	0
O	383107	STEERING GEAR	INTEGRAL POWER STEERING W/LEFT HAND RAM	0	0
S	387003	POWER STEERING RESERVOIR	FOUR QUART REMOTE MOUNTED	0	0
REAR AXLE					
O	330444	REAR DRIVE AXLE-SINGLE & TANDEM	MERITOR RT46-160 46,000 LB	0	430
S	330U98	REAR AXLE LUBE PUMP	NO LUBRICATION PUMP	0	0
O	331538	REAR DRIVE AXLE RATIO	5.38	0	0
O	333014	REAR DRIVE AXLE ANTI- SPIN DEVICES	FOUR WHEEL LOCK	0	63
O	3500004	REAR SUSPENSION	HENDRICKSON HMX-460 SUSP @ 54" AS	0	0
S	351013	REAR SUSPENSION BEAMS	54 INCH STEEL RUBBER BUSHED	0	0
S	358005	TORQUE RODS	LONGITUDINAL & TRANSVERSE - RUBBER BUSHED	0	0
S	9130001	HUBS-REAR	IRON HUB, HP 10 STUD	0	0
S	3400001	REAR AXLE BREATHER	STANDARD AXLE BREATHER	0	0
S	9410001	WHEEL OIL SEALS-REAR	SCOTSEAL PLUS XL	0	0
S	339002	REAR AXLE LUBRICANT	SYNTHETIC	0	0
O	7610001	BRAKES-FOUNDATION, REAR AXLE	MERITOR 16.5X8.62" QP REFUSE BRAKE	0	42
S	764013	BRAKE SLACK ADJUSTERS -REAR AXLE	MERITOR AUTOMATIC,TANDEM AXLE	0	0
S	765001	DUST SHIELDS - REAR BRAKES	DUST SHIELDS - REAR BRAKES	0	0
S	781012	BRAKE CHAMBERS- PARKING, TYPE/VENDOR	CAM TYPE MGM STOPGARD (4)	0	0
S	910001	BRAKE DRUM-REAR	CAST IRON	0	0
BRAKES					
S	729002	AIR LINES-PARKING BRAKE, CHASSIS	AIR LINES CHASSIS PARK BRAKE	0	0
S	741047	BRAKE CONTROL SYSTEM	BENDIX ABS 4S/4M	0	0
CHASSIS					
O	400252	WHEELBASE	252 INCHES	76	81
O	402080	FRAME-REAR OVERHANG	80"	36	-123
S	403012	FRAME RAILS	3/8" VARIABLE DROP STEEL, EXT B	0	0

O	404002	FRAME REINFORCEMENT INNER	.25" LINER, STANDARD LENGTH	170	431
S	409002	FRAME CROSSMEMBER- CENTER	ALUMINUM	0	0
S	4110002	FRAME CROSSMEMBER- END CLOSING	ALUMINUM MEMBER-IF REQUIRED	0	0
S	4120002	FRAME BOLTS	HUCKSPIN RR SUSP & CROSSMEMBERS	0	0
O	460002	BUMPER-FRONT	CHROMED STEEL	0	0
O	4680010	GUARD-OIL PAN	ENGINE OIL PAN GUARD - ALUMINUM	49	-6
S	480002	TOWING DEVICE-FRONT	TWO REMOVABLE TOW PINS	0	0
O	8742000	WIRING, BODY INTERFACE	RP 170 COMPLIANT	0	0
O	430998	FUEL TANK-LEFT	DELETE LHS FUEL TANK	-29	-59
O	431500	FUEL TANK-RIGHT	TEMPORARY TANK ILO STANDARD 75 GALLON	5	0
O	436015	FUEL LINES	SAE J1402A1 WIRE BRAIDED	0	0
O	8120007	BATTERY BOX	STEEL BOX W/ ALUM LID, 3 BATTERY, LHS	-10	0
S	8160001	BATTERY BOX SPACERS	BATTERY BOX STANDARD HEIGHT	0	0
O	8090003	BATTERY BOX DRILLING	BATTERY BOX LOCATION - SPEC DRIVEN	0	0
S	810089	BATTERY	3 JOHNSON CONTROL 31ECL 12V 2250CCA	0	0
O	8140003	BATTERY SHUT-OFF SWITCH	SHUTOFF W/ LOCKOUT & EMERGENCY JUMPER STUDS	5	2
S	7110001	AIR TANK-BRAKE	STEEL AIR TANKS	0	0
O	7090003	AIR TANK DRILLING	AIR TANKS LOCATION SPEC DRIVEN	0	0
O	7380001	EMERGENCY AIR SYSTEM CHARGING	SCHRADER VALVE, WET TANK MTD	1	0
O	715009	WET TANK DRAIN	BENDIX DV-2 AUTOMATIC WITH HEATER	1	1
O	715T003	AIR RESERVOIR DRAIN SYSTEM	CENTRAL MANIFOLD W/ PETCOCKS	2	2
O	713023	AIR DRYER	BENDIX ADIP W/HEAT	0	0
O	7100007	AIR DRYER DRILLING	AIR DRYER MTD OUTSIDE RAIL, LHS, SPEC DRIVEN	0	0
S	724001	AIR LINES-CAB	SAE J844 NYLON TUBING	0	0
S	728001	AIR LINES-MAIN, CHASSIS	SAE J844 NYLON TUBING	0	0

CAB EXTERIOR

S	4510001	STEP-CAB ACCESS, CAB MOUNTED	DUAL SELF CLEANING CAB ENTRANCE STEPS	0	0
S	462004	MUD FLAPS-FRONT WHEEL	FRONT FLAPS	0	0
S	502001	CAB DOORS	STEEL	0	0

S	502T98	DOOR CHECK STRAPS	WITHOUT DOOR CHECK STRAP	0	0
O	5120001	POWER WINDOWS	DUAL INTERNAL REGULATOR POWER WINDOWS	4	0
O	620001	SUN VISOR-EXTERIOR	FIBERGLASS, MOUNTED OVER WINDSHIELD	14	-4
O	622C201	MIRROR PANE QUANTITY	SINGLE PANE MIRROR	0	0
O	6220019	MIRRORS-DUAL WEST COAST	MIRROR, CHROME, HTD, REMOTE, W / LWR HTD CONVEX	0	0
S	6190002	MIRROR ARMS	RETRACTABLE ARMS, STAINLESS STEEL	0	0
O	6180002	DOWN VIEW MIRRORS	SINGLE DOWN VIEW MIRROR, LH SIDE	0	0
S	6240001	GRAB HANDLES-ENTRY	BRUSHED SS GRAB HANDLES	0	0
S	630026	HORN-AIR	TWIN MOUNTED UNDER CAB	0	0
S	631001	HORN-ELECTRIC	SINGLE	0	0
O	661002	CAB TILT MECHANISM-C.O.E.	HYDRAULIC TILT WITH AIR ASSIST	20	0
S	6720001	GRILLE	AUTOCAR GRILLE	0	0
S	675001	BUG SCREENS	BUG SCREEN MOUNTED BEHIND GRILLE	0	0
S	6910001	FENDER EXTENSIONS-FRONT	IMPACT RESISTANT POLY FENDER	0	0
O	693002	UNDERCOAT	CAB CORROSION INHIBITOR	0	0

CAB INTERIOR

S	3800001	STEERING WHEEL	16" DIA. WHEEL, 2 SPOKE	0	0
O	3810002	STEERING COLUMN	TILT AND TELESCOPIC STEERING COLUMN	0	0
O	5200003	SEAT-DRIVER	BOSTROM T905 MID-BACK, AIR RIDE	2	0
O	5210003	SEAT-PASSENGER	BOSTROM T905 MID-BACK, AIR RIDE	31	0
O	5220002	SEAT BELTS-DRIVER	THREE POINT RETRACTABLE, BRIGHT ORANGE COLOR	0	0
O	5230002	SEAT BELTS-PASSENGER	THREE POINT RETRACTABLE, BRIGHT ORANGE COLOR	0	0
S	526014	SEAT INSERT	BLACK CORDURA	0	0
O	5380001	CARPET & MAT	DIAMOND PLATE FLOORING - BOTH SIDES	8	4
S	5390001	CAB INTERIOR	AUTOTUFF INTERIOR UPHOLSTERY	0	0
S	5500001	CENTER CONSOLE	CENTER CONSOLE	0	0

O	5510002	REAR CONSOLE	REAR CONSOLE W/ WIRE FRAME STORAGE CONTAINER	2	0
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S	5930001	ASH TRAY	ASHTRAY MTD IN CONSOLE	0	0
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CAB CLIMATE CONTROL

S	060001	CAB TEMPERATURE SYSTEM	AIR COND INTEGRAL WITH HEATER/DEFROSTER	0	0
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O	612001	AIR CONDITIONER CONDENSER	STANDARD (RADIATOR MOUNTED)	0	0
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GAUGES & INSTRUMENTATION

S	0570002	INSTRUMENTS SALES PKG	STANDARD GAUGES (VOLTAGE AND OIL PRESSURE INCLUDED IN VEHICLE DISPLAY)	0	0
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S	1430001	TRUCK ELECTRICAL CONTROL MODULE	VEHICLE CONTROL UNIT	0	0
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S	1362000	TACHOMETER/RPM TACHOGRAPH	ELECTRONIC TACHOMETER	0	0
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S	1372000	GAUGE-HOURMETER	HOURMETER INCLUDED IN ON BOARD DISPLAY	0	0
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S	225009	AIR INTAKE RESTRICTION INDICATOR	GRADUATED, AIR CLEANER MOUNTED	0	0
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O	3190001	PTO CONTROLS	PTO ELECTRIC CONTROL SWITCH	1	0
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S	4390001	GAUGE-FUEL LEVEL	ELECTRONIC FUEL LEVEL	0	0
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LIGHTING

S	8360003	LAMPS-HEAD	LED HEADLAMPS	0	0
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S	8410002	LAMPS-TURN SIGNAL - FRONT	LED FRONT TURN SIGNALS	0	0
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S	8440003	SWITCH-TURN SIGNAL & FLASHER	SELF-CANCELING TURN SIGNALS	0	0
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S	8510002	LAMPS-MARKER	AMBER LED ROOF MARKERS	0	0
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S	859001	LAMPS-RUNNING	DAYTIME	0	0
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S	8700001	CIRCUIT PROTECTION DEVICE	AUTO CIRCUIT BREAKERS	0	0
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RADIO/MISC

S	509001	KEY & LOCK SETS- IGN/DOORS	DOOR & IGNITION SAME - UNIQUE PER TRUCK	0	0
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O	5900008	RADIO	AM/FM/WB/MP3/CD/USB/BLU ETOOTH	13	-4
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O	5910002	ANTENNA/POWER SUPPLY	ANTENNA - ROOF MOUNTED	0	0
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O	596005	RADIO SPEAKERS	2 DUAL CONE SPEAKERS	0	0
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S	8730001	WIRING-CAB	RADIO SHUT-OFF IN REVERSE	0	0
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O	9620001	FIRE EXTINGUISHER	DUAL 5LB ABC EXTINGUISHERS, ONE UNDER EACH SEAT	5	0
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FRONT TIRES / WHEELS

S	9050015	WHEELS-DISC FRONT	22.5x9.0" STEEL HP, 5.25" INSET, 5HH	0	0
S	930469	TIRE SIZE & LOAD RANGE - FRONT	315/80R22.5L	0	0
O	9310046	TIRE MANUFACTURER & TREAD - FRONT	MICHELIN XZU-S 2 (RATED TO 10K) XXXX	26	0

REAR TIRES / WHEELS

S	9140014	WHEELS-DISC REAR	22.5X8.25" STEEL HP, 5HH	0	0
S	933062	TIRE SIZE & LOAD RANGE - REAR	11R22.5H	0	0
O	9340001	TIRE MANUFACTURER & TREAD - REAR	MICHELIN XZY-3	0	24

PAINT

S	950001	CAB PAINT SCHEME	SINGLE COLOR PAINT	0	0
S	9550001	CAB PAINT TYPE	STANDARD WHITE	0	0
S	9801002	CAB COLOR-FIRST	APPROVED — DPSS-N0007EX — STANDARD WHITE N0007	0	0
S	9861U1	CHASSIS COLOR	BLACK P3036	0	0
S	987949	BUMPER COLOR	SAME AS CHASSIS, UNPAINTED ALUM OR CHROME	0	0
S	988401	DISC WHEEL OR RIM COLOR	STEEL, E-COAT WHITE / ALUM-UNPAINTED	0	0

ADDITIONAL OPTIONS

S	899002	CHASSIS WARRANTY	STANDARD WARRANTY	0	0
O	899A203	TRANSMISSION WARRANTY	ALLISON 5YR. EXT WARRANTY	0	0
O	899B213	ENGINE WARRANTY	2017 ISX-D HD1 5YRS/300K MILES EXTENDED WARRANTY PP1 MATRIX 236412	0	0
O	899K207	EXHAUST AFTERTREATMENT EXTENDED WARRANTIES	2017 ISX-D AT3 5YRS/300K MILES AFTERTREATMENT EXTENDED WARRANTY MATRIX 233812	0	0
S	978015	FLOOR PLAN	15 DAYS FLOORING	0	0

OTHERS

S	R010999	READY TRUCK SPEC	NO READY SPEC	0	0
S	133003	ACCELERATOR PEDAL & LINK	WILLIAMS ACCELERATOR	0	0
O	9722018	CERTIFICATION- EMISSIONS	COMPLIES WITH 2018 U.S. EMISSIONS	0	0

Prepared By Bobby Smith
Quote Id : Drop Lab ASL X12
Phone : 765-808-1259
Quote Number : Q0032340

Prepared For Sott Bowling
City of Ann Arbor

SUB TOTALS

BASE WEIGHT	10,431	6,154
FACTORY OPTION WEIGHT	794	932
DISTRIBUTOR OPTION WEIGHT	0	0

TOTALS

TOTAL WEIGHT (LB)	11,225	7,086	18,311
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06/21/2018

Quote Summary

Values are in U.S. Dollar

EQUIPMENT	EACH	TOTAL
ACX64 Class 8	\$155,077.64	\$155,077.64
SINGLE RIGHT HAND DRIVE CAB		
QUANTITY	1	
ADDITIONAL PURCHASED COVERAGES	\$3,404.00	\$3,404.00
EPA SURCHARGE	\$0.00	\$0.00
ADDITIONAL PRICE ADJUSTMENT	\$0.00	\$0.00
FACTORY CONTRACT MODIFICATION	\$0.00	\$0.00
OUTSIDE CONTRACT FREIGHT	\$0.00	\$0.00
MISC/ORDER CHANGE FEES	\$750.00	\$750.00
ADDITIONAL SURCHARGE	\$0.00	\$0.00
NORTH AMERICAN FREIGHT VIA DESIGNATED SHIPPER	\$1,950.00	\$1,950.00
TOTAL EQUIPMENT PRICE	\$161,181.64	\$161,181.64
OTHER CHARGES	EACH	TOTAL
FET AMOUNT TOTAL	\$0.00	\$0.00
STATE TAX/OTHER FEES	\$0.00	\$0.00
TOTAL QUOTE	\$161,181.64	\$161,181.64

 Dealer Signature

 Customer Signature

 Date

 Date

- By signing the Quote Summary, Customer approves the information contained in the Quote, subject to final approval by Autocar. Autocar endeavors to provide but does not guarantee error-free Quotes. All price quotations are for informational purposes only, and prices are subject to change without notice. Final prices will be reflected on the invoice for the Autocar chassis or on a document expressly evidencing Autocar's intent to be bound. Autocar may substitute comparable components for those listed on any quote. Estimates of unloaded weight distribution are provided for informational purposes only, are not guaranteed by Autocar and do not take into account vehicle application, body type or other modifications. Autocar is not responsible for modifications to the Autocar chassis after shipment from the Autocar assembly plant. Modifications by body builders and other upfitters or converters may void the Autocar limited warranty in whole or in part.

- Autocar will deliver the Autocar chassis to the designated agent for delivery.

06/21/2018

GAWR, GVWR & Tire Pressure

GVW Rating – 66,000#			
Front GAWR	20,000#	Rear GAWR	46,000#
Front Suspension	22,000#	Rear Suspension	46,000#
Front Wheels	20,000#	Rear Wheels	59,100#
Front Tire Size And Tread	20,000#	Rear Tire Size And Tread	48,000#
Front Brakes	20,000#	Rear Brakes	46,000#
Front Axle	20,000#	Rear Axle	46,000#
PSI			
Front PSI	130.0	Rear PSI	105.0



Equipment Safety

Procurement Strategy & Safety Considerations

SAFETY RESEARCH STUDY

February 5, 2018

Resources

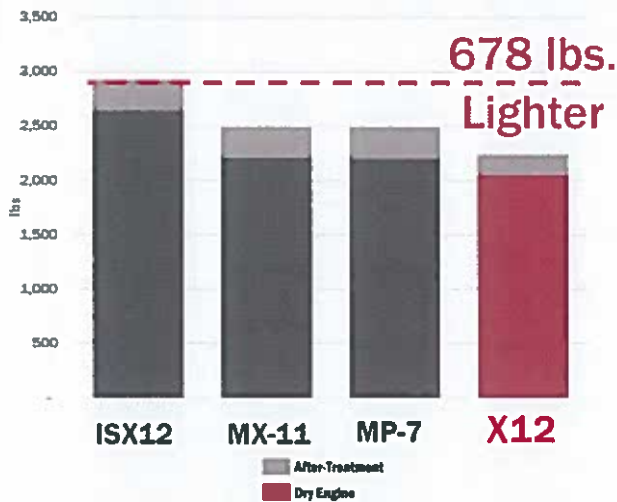
- USA Refuse Market - FMCSA Crash Data Export
 - <https://www.safer.fmcsa.dot.gov/>
 - Data range: Nov 2015 to Nov 2017
 - Total Crash Count over 2 year period
- Vehicles in Operation as recorded by POLK & Company
 - <https://www.polk.com>
 - <https://www.ihsmarket.com>
 - Data Export as of Sept 2017
 - Total Count

Autocar vs. Everyone Else

Make Group	Vehicles in Operation	Crashes	Total Injuries	Crashed with Tow	% of Trucks with a crash	% Crashed Trucks with Tow-Away	% of Trucks in Crashes with Injuries
AUTOCAR LLC	16,865	512	208	489	3.04%	2.90%	0.97%
EVERYONE ELSE	41,867	1764	879	1,317	4.21%	3.15%	2.10%
Grand Total	58,732	2276	1087		3.88%	3.56%	1.43%

AUTOCAR 1ST IN REFUSE WITH BREAKTHROUGH CUMMINS X12 ENGINE

Biggest Payload ■ Lowest Costs ■ Best Performance



LIGHTER ENGINE = MORE PROFIT

- More Payload
- Lower Fuel Consumption
- Fewer Fines
- Weight Off Front Axle

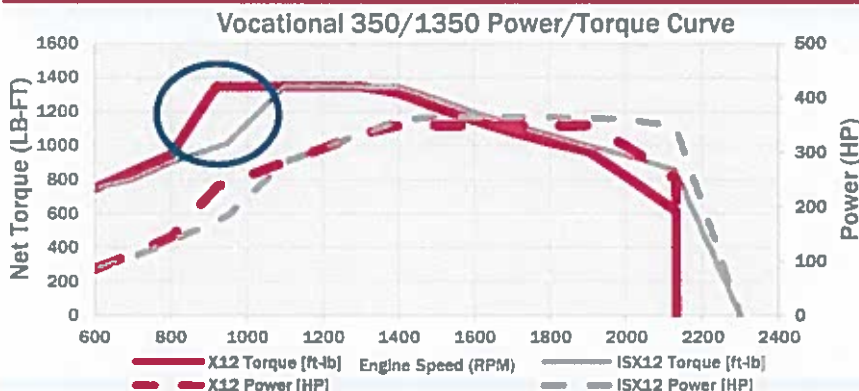


SAVE OVER \$17,875 IN OPERATING COSTS

- Low friction design delivers 6% better fuel economy
 - Savings of \$13,500 or more for the average Refuse truck¹
- Extended maintenance intervals
 - Oil Change interval doubled: from 500 hrs. to 1,000 hrs.
 - Eliminates 25 oil changes and saves 275 gallons of oil²
- Fewer Regens: After-treatment even more efficient
- Reduced DEF consumption

1. 6% savings on 7,500 gallons of diesel fuel per year for 10 years @ \$3.00/gallon.
2. 2,500 hours operating time per year for 10 years; \$175 and 11 gallons of oil per avoided change.

42% MORE TORQUE WHERE IT COUNTS



Speak to your Autocar representative to see how much money you can save by putting the Cummins X12 engine to work in your operation – or visit www.AutocarTruck.com



