



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>LABRIE EXPERT - 20 YD. (Specification #62)</u>			
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Appalachia	\$82,102.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Dogwood	\$82,102.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Cardinal	\$82,102.00
Amick Equipment Co., Inc.	2016 Labrie Expert - 20 yd.	★Longleaf Pine	\$82,102.00



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LABRIE EXPERT - 20 YD. SPECIFICATION #62

2016 Labrie Expert - 20 yd.

Labrie Expert Minimum Chassis Specifications - SINGLE AXLE UNITS; Engine: Min. 300HP, 850 lb/ft Torque; Allison 3000 RDS transmission; GVWR, Minimum: 43,000 lbs.; Front Axle, Minimum: 20,000 lbs.; Rear axle, Minimum: 23,000 lbs.; Effective CA (cab to Axle centerline): TBD; After Frame, Minimum: 68"; NOTE: Contact body dealer for detailed chassis specifications on each model truck. Chassis specifications must be preapproved by Labrie Engineering prior to order. Call for information on lift axles if customer requires one.

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

INSTRUCTIONS: Listed above, you will find the model numbers of the vehicles that will be included in this year's contract.

1. BODY

- a. Factory installation on suitable chassis
- b. Drop Frame hopper designed to be loaded by hand and/or used by Semi-automated cart tipper(s) or by fully automated Helping Hand arm.
- c. Tailgate rounded, sealed & hydraulically actuated
- d. Fully-automatic tailgate latches
- e. Hoist & tailgate controls: in-cab Pneumatic
- f. Hoist & tailgate indicator lights: in-cab
- g. Tailgate cylinders: 2.5" bore; double-acting; Qty 2
- h. Telescopic hoist: front-mounted; 6.5" bore with outer cover, Nitrided
- i. Rubberback Mud Guards with Labrie Logo
- j. Split hopper Dutch door (RH-side only) - Standard on Helping Hand Automated SL, but not on Manual/Semi-automated.

2. ELECTRICAL

- a. Lights: LED body, backup, license & mid-body turn signals
- b. Circuit breakers: manually-reset in Labrie console (except main power)
- c. Lights: Combination stop, turn & tail on bottom box light
- d. Lights: body clearance & reflectors (FMVSS standards)
- e. Connectors: external Deutsch Deutsch
- f. Back up alarm
- g. Electronic overspeed programming (If required)
- h. Packer controls in-cab
- i. Multi-cycle for packing ram (2 to 8 strokes)
- j. Proximity switch kit for packer & tailgate

3. SAFETY STANDARDS

- a. 5 lb. fire extinguisher, first aid kit, flare kit & triangle kit in-cab
- b. Warning light & buzzer: body raised & tailgate unlocked
- c. Tailgate guides
- d. Sensors: tailgate, body hoist & packer Limit switch Limit switch

- e. Positive lock: body hoist & tailgate on joystick
- f. Safety prop: body
- g. Safety prop: tailgate
- h. Warning light when arm extended & buzzer on speed higher than 5mph
- i. Conspicuity tape
- j. ANSI Z245.1-2008 Compliant

4. PAINT

- a. Grit-blasted body steel
- b. One color paint Urethane Urethane
- c. Marine rust inhibitor treatment on body
- d. Bolt-on parts are charcoal gray (rub rails, bumpers & light box)

5. HOPPER

- a. Floor, slope and side liners (3/16" Hardox 450 steel or better)
- b. Fully-enclosed, directly behind cab
- c. Packer dimensions 18 in. x 72 in.
- d. Packer cylinder stroke 40 in.
- e. Packer swept volume 1.31 cu.yd.
- f. Hopper access on both sides
- g. Exterior Packer controls: on RH-side Electric/Pneumatic
- h. Packing cylinders: 4" developping 75,400 lbs of compaction
- i. Remote greasing of central packing cylinders pin
- j. Warranty on Body & Hydraulics 1 Year
- k. Operator, Maintenance & Parts Manuals (paper & optical disk (DC or DVD))

6. HYDRAULIC / PNEUMATIC

- a. Arm section pump style & flowrate 16 gpm @ 700, Body section pump style & flowrate 38 gpm @ 1200 rpm
- b. Main valve Parker VG-35 Parker VG-35
- c. Directional valve for the arm Danfoss PVG32
- d. Arm operating pressure 2000 psi
- e. Body operating pressure - 2000psi for single axle units, 3000psi for tandem axle units
- f. Pressurized hydraulic tank (only with conventional cab) , 65 U.S. gal. ,
- g. Return line filter 5 micron
- h. Suction line strainer 100 mesh
- i. Zinc-plated hydraulic tubing
- j. Hydraulic hose nylon protection (Where required)
- k. Quick exhaust valve on pneumatic packer circuit
- l. Chassis frame-mounted oil tank with level / temperature gauge & oil suction, shut-off valve, clean out trap

7. AUTOMATED HELPING HAND SPECIFIC FEATURES

- a. AUTOMATED HELPING HAND - Dual Vane Pump, Front Mounted, Denison T6DC - OPERATE AT IDLE HYDRAULICS
- b. Standard Helping Hand - Horizontal reach from side of vehicle - 0" - 84"
- c. Long Reach Helping Hand - Horizontal reach from side of vehicle - 0" - 120"
- d. Maximum vertical dump height (without cart) above frame height - 89 in.
- e. Helping Hand Arm weight 1350 lbs.
- f. Maximum operating pressure 2000 psi
- g. Minimum arm cycle time 8 sec
- h. Arm lifting capacity (minimum reach) 400 lbs.
- i. Arm rest (with Sit-down drive only)
- j. On RH-side drive operation, joystick installed on LH-Side of steering except for International Cab conversion Stand Up drive.
- k. On Cab over, moveable joystick option is not available except for CCC.
- l. Dual joystick is available on dual drive Cab Over.
- m. Gripper auto-close override

8. MANUAL / SEMI-AUTOMATED SPECIFIC FEATURES

- a. MANUAL / SEMI-AUTOMATED - Pump Front mounted, Type, Model , Single Vane Denison T6D - DOES NOT

OPERATE AT IDLE



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LABRIE EXPERT - 20 YD. SPECIFICATION #62

2016 Labrie Expert - 20 yd.

The Labrie Expert - 20 yd. purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and NCSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

While the North Carolina Sheriffs' Association has attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Expert - 20 yd.			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
BASE PRICE:	\$82,102.00	\$82,102.00	\$82,102.00	\$82,102.00

Order Code	Add Options	All Zones
	Automated Drop Frame Sideloader, Helping Hand Arm - 20 cu.yd. (20+0) <i>add \$35431 to the base 20 yard manual unit to get the base automated 20 yard unit, then select options. \$116832.00¹</i>	\$35,431.00 ¹
	Manual / Semi-Automated Drop Frame Sideloader - 20 cu.yd. (20+0) - Single Axle <i>this is the base Manual / semi-automated unit as listed for 20 yard Expert. \$82102.00¹</i>	Std ¹
	Helping Hand: LH-side, including split hopper Dutch doors. Co-mingle, Crusher panel, Long Reach not available <i>See Automated version above¹</i>	NA ¹
	Grabber counting device: counts number of carts dumped	\$180.00
	Spill shield: installed behind grabber	\$335.00
	Dual shield for Dual Helping Hand only: installed behind grabber	\$665.00
	Long Reach Extension (RH-side Helping Hand only)	\$3,445.00
	Grabber with bolted rubber blocks ILO straps	\$515.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00
	Arm joystick controls in-cab: Dual-side, moveable (N/A on all chassis types)	\$685.00
	Arm joystick controls in-cab: Dual joystick (Autocar-Peterbilt-Mack-Condor cab-over)	\$1,373.00
	Auxiliary arm controls in-cab: RH-side, (Mini-joystick style)	\$888.00
	Single crusher panel control: additional in-cab including limit switch on LH-side hopper door. Requires camera in hopper installed at factory.	\$575.00
	Dual crusher panels control: additional in-cab including limit switch on LH-side hopper door	\$808.00
	LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
	Packer control on joystick	\$250.00
	Crusher panel control on joystick	\$250.00
	R-H side cart tipper, Series 100 Actuator style (N/A with comingle units)	\$5,525.00
	R-H side cart tipper, Series 220 Cylinder style	\$5,955.00
	R-H side cart tipper, Series 330 Hi-Lift, Cylinder style, single cart	\$7,035.00
	R-H side cart tipper plumbing only (Includes flow divider and control valve)	\$1,951.00
	L-H side cart tipper, Series 100 Actuator style. Includes Packer and Crusher panel controls	\$6,080.00
	L-H side cart tipper, Series 220 Cylinder style. Includes Packer and Crusher panel controls	\$6,510.00
	L-H side cart tipper, Series 330 Hi-Lift, Cylinder style. Includes Packer and Crusher panel controls	\$7,590.00
	L-H side cart tipper plumbing with additional controls package, for Customer supplied tipper install	\$1,750.00

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LH-side outside controls: Additional Packer and Crusher panel controls. Already included with Labrie installed tipper packages	\$560.00
Drop-frame Modification by Labrie, Hydraulic and fuel tank not included, must be selected separately. Not available on Crane Carrier Chassis	\$7,470.00
Tanks, Saddle tanks: combo 65 gal. fuel / 71 gal. hydraulic (Cab-over Diesel)	\$5,170.00
Tanks, Saddle tanks: larger - combo 85 gal. fuel / 71 gal. Hydraulic (Cab-over Diesel)	\$6,190.00
Tank, Hydraulic tank in drop section - 65 gal. (All chassis Diesel or CNG)	\$1,760.00
Tank, Single hydraulic saddle tank - 65 gal. (Cab-over Diesel or CNG)	\$2,700.00
Tank, All chassis Diesel : Main Fuel tank in drop section - 65 gal.(If OEM tank cannot be used)	\$1,925.00
RH-side outside controls	Incl.
Hot-Shift PTO with pump mounted on crossmember(Automated or Manual)	\$2,665.00
Hydraulic oil heater: in-tank (Electric 110v)	\$1,070.00
Hydraulic pressure gauge on main valve	\$90.00
Hydraulic temperature gauge in multiplex display	\$260.00
Alarm for hydraulic filter replacement on return line	\$505.00
Alarm for hydraulic oil temperature	NA
Alarm for low hydraulic oil level & hydraulic oil temperature	\$878.00
Packer cylinders hydraulic oil regeneration (not available with ISL-G engine)	\$1,656.00
Body control valve: electric-over-hydraulic	\$980.00
Hour Meter connected to pump switch	\$242.00
Back-up Proximity Detection Sensor Radar System - Third Eye / AWTI	\$1,290.00
Light: amber strobe 6" Whelen L10 MOUNTED ON CAB; in-cab switch; Qty 1	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED ON CAB: in-cab switch; Qty 1	\$570.00
Lights: amber, alternating, flashing 4" LED in upper tailgate	\$460.00
Lights: amber, alternating, flashing 4" LED in front-of-body	\$460.00
Back up lights: Qty 2 additional on tailgate position 2/3 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on tailgate position 1/2 - 4" LED type	\$520.00
Back up lights: Qty 2 additional on mid-body rubrails - LED type	\$520.00
Additional LED lighting package - additional red central brake light, stop, turn & tail lights in special tailgate light box	\$790.00
Bar light 48" LED light traffic director: Star Model 59050 in middle of tailgate - in cab switch	\$1,560.00
Light: amber strobe 6" Whelen L10, MOUNTED IN CENTER OF TAILGATE	\$470.00
Light: amber strobe 6" Whelen L41, MOUNTED IN CENTER OF TAILGATE	\$570.00
High Visibility Lighting Package - Contact Labrie Representative for complete details <i>Contact Labrie rep for further details.</i> ¹	NA ¹
Whelen Light Bar on Tailgate <i>Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2</i> ¹	\$1,510.00 ¹

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Amber Strobe Lights - on Additional Light Bar - Center of Tailgate - Qty 5. Amber Strobe Lights - Each Side of Additional Tailgate Light Bar - Qty 2	NA
Multifunction Light Pkg - 4) Multifunction round amber lights. 1) Oval center brake light in upper tailgate. 2) Round brake lights in upper tailgate light bar.	\$880.00
Work light kit: single, in-cab single manual switch - LED type	\$350.00
Work light kit: dual, in-cab single manual switch - LED type	\$540.00
Work light kit: triple, in-cab single manual switch - LED type	\$830.00
Single Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$2,262.00
Single 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,172.00
Single Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,240.00
Dual Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$3,410.00
Dual 3rd Eye - 7" color, LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$1,660.00
Dual Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$1,610.00
Triple Safety Vision - 6.8" LCD monitor. Includes heater, auto-switcher & shutter	\$4,840.00
Triple 3rd Eye - 7" color LCD swivel monitor. Includes heater, sound, night vision, 4-in-1 display, high electromagnetic noise resistance & auto-switcher.	\$2,260.00
Triple Zone Defense - 7" color, LCD swivel monitor. Includes heater and shutter, night vision and sound	\$2,070.00
Protection cages on cameras <i>Cages on all cameras</i> ¹	\$250.00 ¹
Ground level grease points: for tailgate & hopper door hinges	\$975.00
Anti-sail bars on rear mudflaps (N/A with tag axle or comingle body)	\$131.00
Clean out tools (broom & shovel kit including brackets on RH-side door; hoe including bracket on LH body.	\$245.00
Fire extinguisher including brackets - 20 lbs.	\$310.00
Loading step (2), both sides at hopper: also requires safety panic bars	\$646.00
Panic bars/limit switch kit/2nd hand enable button (MOL 2004)	\$2,150.00
Panic bars only	\$1,670.00
Display Signs - 32in H. x 84in L.	\$1,280.00
Display Signs - 32in H. x 96in L.	\$1,320.00
Display Signs - 48in H. x 96in L.	\$1,375.00
Environmental spill kit installed on body	\$260.00
Retainer teeth under breaker bar	\$390.00
Toolbox: Aluminum, chassis-mounted, size 18" x 43" x 24". Shaped to fits in drop section	\$1,910.00
Toolbox: Aluminum, size: 24" x 24" x 14", (Location TBD, depending on space availability)	\$1,140.00

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Rear tow hooks (2)	\$265.00
Wheelbase modification: Lengthen single axle chassis WB (including longer ABS cable & drive shaft)	\$1,800.00
Wheelbase modification: Shorten single axle chassis WB	\$1,800.00
Wheelbase modification: Lengthen tandem axle chassis WB (including longer ABS cable & drive shaft)	\$2,700.00
Wheelbase modification: Shorten tandem axle chassis WB	\$2,700.00
Telma Axial Mount	\$11,510.00
13.5K Hendrickson Composilite steerable tag axle (including steel wheels and tires)	\$9,910.00
13.5K Hendrickson Composilite steerable tag axle (including aluminum wheels and tires)	\$10,985.00
1 Color Urethane Body Paint (Included in unit base price, Includes bolt-on parts painted body color)	Incl.
1 Color Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$1,715.00
2 Colors Urethane Body Paint (1 color separation, Includes bolt-on parts painted body color)	\$1,325.00
2 Colors Base Coat/Clear Coat Body Paint (Includes bolt-on parts painted body color)	\$2,600.00
Ziebart undercoating on cab: chassis & body	\$1,980.00
DECAL - CAUTION THIS VEHICLE STOPS AND BACKS FREQUENTLY, 74.5in x 23.5in	\$175.00
DECAL - CAUTION THIS VEHICLE MAKES FREQUENT STOPS STAY BACK 50 FEET, 65in x 20in	\$175.00
DECAL - SLOW DOWN TO GET AROUND, 36in x 18in	\$175.00
PLAN A - Add 1 year on body & hydraulics for a total of 2 years	\$2,700.00
PLAN B - Add 2 years on hydraulics only for a total of 3 years	\$3,880.00
PLAN C - Add 4 years on hydraulic CYLINDERS only for a total of 5 years	\$7,430.00
PLAN D - Add 2 years on hydraulic CYLINDERS only for a total of 3 years	\$1,940.00
Pricing upon request - Please consult vendor for more information <i>Please contact your Labrie rep for further details.</i> ¹	NA ¹
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