



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 27 YARD COBRA MAGNUM REAR LOADER (Specification #90)</u>			
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Appalachia	\$67,326.62
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Dogwood	\$67,326.62
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Cardinal	\$67,326.62
Amick Equipment Co., Inc.	2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard	★Longleaf Pine	\$67,326.62



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NEW WAY - 27 YARD COBRA MAGNUM REAR LOADER **SPECIFICATION #90**

2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard

CHASSIS REQUIREMENT - BODY CAPACITY - 27 CUBIC YARDS, BODY WIDTH - 96", BODY LENGTH - 289", BODY HEIGHT - 99.5", RAISED TAILGATE HEIGHT - 314", INSIDE WIDTH - 87", BODY WEIGHT - 15,250 LBS. CAB OVER MUST BE FRONT MOUNT PUMP ONLY, WITH OVERSPEED PROTECTION: ENGINE - 350 HP SET AT 800RPM IDLE, 900LBS TORQUE WITH SPEED UP OPTION ALLISON - 4500 RDS TRANSMISSION WITH OVERSPEED PROTECTION. CONVENTIONAL CAB MUST BE HOT SHIFT PTO: ENGINE - 350HP SET AT 800 RPM IDLE, 900LBS TORQUE WITH SPEED UP OPTION ALLISON - 4500 RDS TRANSMISSION WITH HOT SHIFT PTO AND OVERSPEED PROTECTION. CHASSIS MINIMUM GVWR - 60,000 LBS; FRONT AXLE - 20,000 LBS; REAR AXLE - 40,000 REAR TANDEM; WHEEL BASE: USABLE CT (CAB TO AXLE CENTERLINE) - 160"; AFTER FRAME - 60"

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. MAIN BODY RAILS

- a. 8"x3"x1/4" Structural Tube

2. FLOOR

- a. Front: 10GA-50K
b. Rear: 7GA-100K

3. FLOOR BRACES

- a. 8" Wide; 10GA-50K

4. CENTER FLOOR BRACES

- a. 8" Wide; 10GA-50K

5. MOUNTING BRACKETS

- a. Welded to main body rails; 1/2"-A36

6. EJECTION PANEL TRACKS

- a. 8" Formed Channel 7GA-50K
b. Wear Strips 1/2"x3-A36

7. SIDE WALLS

- a. 10GA-80K

8. ROOF

- a. Front: 10GA-80K
- b. Rear: 10GA-80K

9. REAR FRAME

- a. Formed 10"X7" Channel 7GA-A36
- b. Formed Rear Hinge Cross Beam 1/4"x3x10-50K

10. REAR FRAME LOWER SLOPE

- a. 1/4"-80K

11. REAR FRAME LOWER SLOPE SUPPORTS

- a. Formed 6"x4" Channel 7GA-50K

12. REAR SLOPE PERIMETER SUPPORT

- a. 1/4"-80K

13. TAILGATE HINGE LUGS

- a. 1/2"-A36

14. BULKHEAD

- a. Upper Bulkhead - 10GA-80K
- b. Side Bulkhead - 1/4"-50K
- c. Lower Bulkhead - 7GA-50K

15. ACCESS DOOR

- a. 30"x30"

16. BODY BOLSTERS (TRANSITIONS)

- a. Upper - 7GA-36K
- b. Lower - 12GA-36K

17. HEIGHT

- a. Body - All Models - 102.5"
- b. Overall Height with Tailgate Raised - 187"

18. BODY LENGTH

- a. 25 cubic yard body-276"

19. OVERALL LENGTH WITH TAILGATE RAISED

- a. 25 cubic yard body-314"

20. WIDTH

- a. Inside - 87"
- b. Max Outside - 96"

21. APPROXIMATE BODY WEIGHT (IN LBS)*

- a. 27 cubic yard body- 15,250 lbs

22. TROUGH (Y/N)

- a. N

23. BODY CAPACITIES

- a. 25yd³

24. TAILGATE

- a. Upper Hopper Brace - 1/4"-80K
- b. Hopper Floor - 1/4"-T1 (100K min)
- c. Hopper Braces - 1/4"-50K
- d. Tailgate Seal Height - 50"
- e. Lower Tailgate Side - 1/4"-T1 (100K min)
- f. Upper Tailgate Sides - Upper 10GA-50K
- g. Upper Tailgate Sides - Lower 7GA"-100K
- h. Slide Tracks - Formed 1/4"-50K
- i. Slide Wear Strips - 1/2"x3-A36
- j. Tailgate Side Braces - 10GA-50K
- k. Tailgate Hinge Lugs - 1"-50K

25. SLIDE

- a. Face Sheet - 7GA-T1 (min)
- b. Face Sheet Braces - 10GA-50K
- c. Lugs - 1/2"-50K
- d. Lug Center Braces - 1/4"-50K
- e. Upper Slide Shoe - Tube: 3"x5"x3/8" A500 GRD-B; SHOE: 4"x20"x1" UHMW
- f. Lower Slide Shoe - Tube: 3"x5"x3/8" A500 GRD-B; Shoe: 4"x13"x1" UHMW
- g. Upper Slide Cylinder Pins - 2-1/2" OD - 1045CD

26. SWEEP

- a. Upper Sweep Pin - 2" OD - 1144 Stressproof
- b. Lower Sweep Pin - 3" OD - 1045CD
- c. Face Plate - 1/4"-100K
- d. Lugs - 1/2"-50K
- e. Center Braces - 1/4"-A36
- f. Backing Plate - 1/4"-50K
- g. Sweep Nose - 5/8"-A36
- h. Bronze Bushings - 3" ID

27. EJECTION PANEL

- a. Base & Support Structure - Base-3"x3"x1/4" Structural Steel Tubing; 1/4"-A36 Formed & Integrated Upright Supports
- b. Upper Face Sheet - None
- c. Face Sheet - 10GA-80K
- d. Shoes - 4"x53-1/2"x1" UHMW
- e. Nose - 1/2"-A36
- f. Cylinder Supports - Integrated into upright supports
- g. Cylinder Pin - 3" OD - 1144 Stressproof

28. HYDRAULICS

- a. Tank Capacity - 50 Gallong with 100 Mesh 141 Micron Suction Strainer
- b. Pump Flow - 36 GPM @ 1,000-1,200 RPM
- c. Filter - 10 micron
- d. Hoses - 4 to 1 Burst
- e. Operating Pressure - 2,750 PSI
- f. Frame Mounted Hydraulic Tank
- g. Induction Hardened Slide Rods
- h. Induction Hardened Sweep Rods
- i. Zinc Clear Hydraulic Tubes

29. CYLINDERS

- a. Slide - (2) 5" Bore, 38.63 Stroke, 4" Rod
- b. Sweep - (2) 4-1/2" Bore, 25.63" Stroke, 3-1/2" Rod
- c. Tailgate - (2) 3-1/2" Bore, 42" Stroke, 2" Rod
- d. Ejection Panel - 20 yd-(1) 3 Stage 7-1/2" Bore of largest stage, 96.5" Stroke; 25yd-(1) 4 Stage 7 1/2" Bore of largest stage, 118" Stroke; 32 yd-(1) 4 Stage, 7-1/2" Bore at largest stage, 160" Stroke

30. CHASSIS

- a. Minimum GVWR (in lbs)** - 25 cubic yard body -64,000
- b. Recommended Cab to Trunion - 25 cubic yard body -160"

31. STEEL

- a. Body Floor 7GA 100K
- b. Hopper Floor and Back 1/4" 100k
- c. Tailgate Lower Sides 1/4" 100K
- d. Slide Face 7GA, 100K
- e. Ejection Panel Face 10GA 50K

32. ACCESSORIES

- a. Rubber Mud Flaps In Front of Rear Axles

33. WARRANTY

- a. 2-Year Cylinder Warranty
- b. 1-Year Body Warranty
- c. 1-Year Hydraulic Warranty



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NEW WAY - 27 YARD COBRA MAGNUM REAR LOADER SPECIFICATION #90

2016 New Way Cobra Magnum Rear Loader- 27 Cubic Yard

The New Way Cobra Magnum Rear Loader- 27 Cubic Yard 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:	\$67,326.62	\$67,326.62	\$67,326.62	\$67,326.62

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:	Cobra Magnum Rear Loader- 27 Cubic Yard			
DEALER:	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.	Amick Equipment Co., Inc.
ZONE:	★Appalachia	★Dogwood	★Cardinal	★Longleaf Pine
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Order Code	Add Options	All Zones
	Vulcan Scale Installed (6 point system)	\$15,165.62
	Vulcan Scale Installed (4 point system)	\$11,801.05
	Install customer Supplied Scales	\$4,200.12
	Loadman Scale Installed (4 point system)	\$13,191.85
	Loadman Scale Installed (6 point system)	\$13,686.36
	Manual Transmission (Manual Shift PTO) Gear Pump (available on mounted units only) (requires additional solenoid valves for safety interlocks)	\$4,130.85
	Manual Transmission (air assist PTO) Gear Pump (available on mounted units only) (requires additional solenoid valves for safety interlocks)	\$4,130.85
	Pump Only	\$1,068.95
	Automatic Transmission (hot shift) gear Pump (available on mounted units only)	\$3,570.26
	Automatic Transmission (hot shift w/overspeed) gear Pump (available on mounted units only) <i>delete \$3200.00 for this option and add any other pump option back in to the price. ¹</i>	Std ¹
	Automatic Transmission (hot shift w/overspeed) gear Pump pack on the go (available on mounted units only)	\$3,968.85
	Front Mount Muncie MLS (with driveline) (available on mounted units only)	\$3,722.66
	Front Mount Muncie MLS (with driveline) pack on the go (available on mounted units only)	\$3,828.17
	Silent Drive 13,200 lb pusher axle with tires	\$9,865.65
	Silent Drive 20,000 lb pusher axle without tires	\$8,886.22
	Silent Drive 20,000 lb pusher axle with tires	\$11,352.37
	Silent Drive 13,200 lb pusher axle without tires	\$8,369.33
	Silent Drive 13,200 lb pusher axle with tires Steerabel	\$11,598.56
	12,000 lb Bloom Winch with Latch Kit	\$4,259.80
	12,000 lb Tulsa Winch with latch kit	\$4,259.80
	9,000 lb Tulsa Winch with latch kit	\$3,255.87
	12,000 lb Reeving Cylinder with latch kit	\$5,212.58
	Kick Bar With Latch Kit	\$3,806.86
	Kick Bar Without Latch Kit	\$3,246.27
	Extra valve section & handle (rear valve for future container handling option) Note: Maximum of (3) valve sections available on rear valve for options	\$655.44
	Extra valve section (front valve w/air actuator)	\$825.96
	Latch Kit/Trunion Guides/and container Stops	\$559.52
	Brace roof and cut out for drum winch for future install	\$375.14
	Lower loadsill 3"	\$195.03
	Perkins auto trunion lock	\$6,213.32

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Cart Tipper - Center mounted unless noted	Std
Perkins Cylinder Actuated (No Other Container Lifting Devices) D6500	\$4,209.71
Perkins Cylinder Actuated (With Other Container Lifting Devices) D6500 (not compatible with Kick Bar)	\$4,824.65
Perkins Rotary Actuated (No Other Container Lifting Devices) D6220	\$5,755.05
Perkins Rotary Actuated (With Other Container Lifting Devices) D6220	\$6,209.06
Bayne Rotary Actuated (No Other Container Lifting Devices) MBTL 180	\$5,430.00
Bayne Rotary Actuated (With Other Container Lifting Devices) Revolution Series	\$6,209.06
Perkins Auto Arm Lifter (D6098) (Not Compatible With Any Other Container Lifting Devices) (2 valve sections required)(center mount)	\$8,122.08
Extra Valve Section With EXTENDED Handle (rear valve for future cart tipper installation)(extended handle not compatible on trucks with kick bar)	\$623.46
Street Side Linkage to Operate Tipper Valve Section	\$399.66
Single Tap-In-Kit (required if more than two (2) container handling/cart tipper options or left side cart tipper mount) (Street Side Linkage can be used for left side tipper if sections are available)	\$999.67
Dual Tap-In-Kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,177.65
Extend Loadsill and Latch Kit For Future Install of Cart Tipper	\$663.96
Add Hydraulic Tubing To Tailgate Side For Future Tipper Install (Per Side)	\$167.32
Notch Loadsill For Tipper With Other Lifting Devices	\$249.39
Tipper Model Required: Other Tipper Models <i>consult factory</i> ¹	NA ¹
Halogen Mid Body Back-up Lights Includes Up to (2) Lights <i>Now LED, Not Halogen</i> ¹	\$462.54 ¹
Halogen Work Lights ((2)mounted inside upper tailgate shining in hopper) <i>Now LED, Not Halogen</i> ¹	\$350.63 ¹
Halogen Work Lights ((2)mounted outside upper tailgate shining rearward) <i>Now LED, Not Halogen</i> ¹	\$479.59 ¹
Strobe Light (Surface Mount)(Located Upper Tailgate Center -modify if different location)	\$314.40
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted upper tailgate)	\$491.31
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted lower tailgate)	\$491.31
Strobe Light Package (Integrated Strobe System) ((2) round lights mounted front of body)	\$577.64
LED Round Strobes upper tailgate(2 lights)	\$326.12
LED Round Strobes lower tailgate(2 lights)	\$422.04
LED Round Strobes at front of body (2 lights)	\$422.04
LED Oval Strobes upper tailgate (2 lights)	\$422.04
LED Oval Strobes at front of body (2 lights)	\$422.04
LED 7" Round Strobes upper tailgate (2 lights)	\$491.31
Traffic Advisor Board (not compatible with winches)	\$864.32

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Center Mount Brake (I.D. Cluster)	Std
Upper Light Bar With 7" Stop/Tail/Turn (LED)	\$496.64
Brush Guards For Upper Light Bar	\$182.24
Wiring Circuit Including Switch For Customer Install of Lights	\$149.21
Safety Shut Down Curbside	Std
Safety Shut Down Streetside	\$160.93
Driver Alert Buzzer Curb Side	Std
Driver Alert Buzzer Street Side	\$108.71
Guard To Protect Control Handles	\$72.47
Back-up Alarm Upgrade 102db	\$79.93
Back-up Alarm Auto Volume Adjustable	\$157.73
Interlock on Front Access Door	Std
Back Up Collision Avoidance Sensor (Pre-View)	\$2,449.09
Fire Extinguisher--10lb. (standard on mounted units) - Available on mounted units only	Std
Fire Extinguisher--20lb. (upgrade from 10 lb.)- Available on mounted units only	\$100.18
Triangle Kit (standard on mounted units) - Available on mounted units only	Std
5.6" Color Flat Screen w/ Audio	Std
7.0" Color Flat Screen w/Audio	\$228.07
3rd EYE 7.0" Color Flat Screen w/Audio	\$543.53
Prime Only	Std
Acrylic Urethane Enamel White	Incl.
Acrylic Urethane Enamel Color	\$2,877.53
Clear Coat	\$2,245.54
Two Tone or Special Design (Mounted Units Only) <i>consult factory for quote</i> ¹	NA ¹
Body Under Coating (Mounted Units Only)(applied from frame rails to edge of body and under side of hopper)	\$2,019.60
Riding Steps Coated With Black Bed Liner Material	\$191.84
Prime Inside of Body (recommended for stock units)	\$462.54
Body Floor 7GA AR400-AR450	\$917.61
Body Floor 1/4" 80K	\$500.90
Body Floor 1/4" 100K	\$778.00
Body Floor 1/4" AR400-AR450	\$2,021.73
Hopper Floor and Back 3/8" 100k	\$1,299.15
Hopper Floor 1/2" 50K with 1/4" 100K Back Liner	\$1,598.63
Hopper Liner and Back 10GA, AR200	\$1,007.13
Hopper Liner and Back 3/16" 100k	\$1,511.23

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Hopper Liner and Back 1/4" 100k	\$1,972.70
Tailgate Lower Side Liners 7GA, 50k	\$802.51
Tailgate Lower Side Liners 7GA, 100k	\$1,375.88
Tailgate Lower Side Liners 1/4" 100k	\$1,761.68
Slide Face 1/4" 50K	\$251.52
Slide Face 1/4" 100K	\$413.51
Ejection Panel Face 7GA 80K	\$331.45
Ejection Panel Face 1/4" 50K	\$683.15
All Body Panels 10GA. 80k	Std
Rear Body Panel 7GA, 80k	\$271.77
Rear Body Panels 7GA, 80k (2 panels each side)	\$544.60
Full Body Weld Inside vs. Stitched	\$488.11
Front Bulkhead Mounted Hydraulic Tank	\$1,358.83
Electronic Filter By-Pass Indicator In Cab	\$254.71
Hydraulic Shut Down When Filter in By-Pass	\$574.44
Hour Meter on PTO	\$269.63
High Temperature Fluid Switch	\$497.71
Low Fluid Level Switch	\$492.38
In Tank Oil Heater (110 volt)	\$1,313.00
Remote Hook-Up With Quick Disconnects	\$1,417.45
Nylon Sleeves on Hoses	\$326.12
Guards To Protect Roof Hoses/Pipes	\$451.88
In Cab Air Controls For Tailgate and Eject (includes auto tailgate locks)	\$2,647.32
Auto Tailgate Locks (without in cab controls)	\$1,992.95
Quick Disconnect Pressure Port at Front Valve	Std
Quick Connect Pressure Gage	\$96.98
Auto Lube System (Up to 14 Points)	\$6,003.37
Rubber Mud Flaps Behind Rear Axles	\$182.24
Steel Mud Flaps In Front of Rear Axles	\$255.78
Shovel/Broom Rack (Location - street side tailgate)	\$197.16
Steel Tool Box 18x18x24	\$529.68
Steel Tool Box 18x18x36	\$618.14
Steel Tool Box 18x18x46	\$677.82
Steel Tool Box 24x24x48	\$721.51
Sign Brackets 3' x 5' (Pair)	\$425.23
Sign Brackets 42"x 78" (Pair)	\$524.35
Sign Brackets 60"x 72" (Pair)	\$620.27

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Access Door 30"x 30"	\$234.47
Access Door Steps (ladder w/handles)	\$370.88
Extra Grab Handles (set)	\$127.89
Container Washout Tank 35 Gallon	\$1,576.24
Container Washout Tank 50 Gallon	\$1,739.30
Water Cooler and Bracket	\$258.98
Steps Extend Length (not compatible w/kick bar)	\$430.56
Steps Extend Width (Maximum 102")	\$369.82
Tailgate Seal Extension (increases seal height)	\$499.84
Cup Holder (mounted to side of tailgate)	\$81.00
3-Year Cylinder Warranty	\$1,793.66
4-Year Cylinder Warranty	NA
5-Year Cylinder Warranty	NA
2-Year Body Warranty	\$1,293.82
3-Year Body Warranty	\$2,586.58
4-Year Body Warranty	NA
5-Year Body Warranty	NA
2-Year Hydraulic Warranty	\$1,513.37
3-Year Hydraulic Warranty (Excludes Cylinders)	\$2,266.85
4-Year Hydraulic Warranty (Excludes Cylinders)	NA
5-Year Hydraulic Warranty (Excludes Cylinders)	NA