



NORTH CAROLINA SHERIFFS' ASSOCIATION

Name of Dealership	Type of Vehicle	Zone	Base Unit Price
<u>NEW WAY - 16 YARD VIPER REAR LOADER (Specification #111)</u>			
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Appalachia	\$44,892.44
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Dogwood	\$44,892.44
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Cardinal	\$44,892.44
Amick Equipment Co., Inc.	2016 New Way 16 Yard Viper Rear Loader	★Longleaf Pine	\$44,892.44



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NEW WAY - 16 YARD VIPER REAR LOADER **SPECIFICATION #111**

2016 New Way 16 Yard Viper Rear Loader

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. C8 x 11.5# Structural Channel

2. **FLOOR**

a. Front .25-50k Rear .25-50K

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. C8 x 11.5# Structural Channel Wear Strips

7. **SIDE WALLS**

a. 10GA - 80K

8. **ROOF**

a. 10GA - 80K

9. **REAR FRAME**

a. Formed 6 11/16" x 4 13/16", 1/4" - GR50 Formed + Welded 1/4" GR 50, Sides Upper and Lower

10. **TAILGATE HINGE LUGS**

a. 1" - A36

11. **UPPER BULKHEAD**

a. 10GA - 50K

12. **LOWER BULKHEAD**

a. 1/4" - 50K

13. ACCESS DOOR
 - a. 28" x 23 1/2"
14. UPPER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
15. LOWER BODY BOLSTERS (TRANSITIONS)
 - a. 10GA - 50K
16. BODY HEIGHT
 - a. 20 Yard - 83"
17. OVERALL HEIGHT WITH TAILGATE RAISED
 - a. 20 Yard - 158"
18. BODY LENGTH
 - a. 20 yard - 245"
19. OVERALL LENGTH WITH TAILGATE RAISED
 - a. 20 yard - 255"
20. INSIDE WIDTH
 - a. 11 - 25 yard - 93"
21. MAX OUTSIDE WIDTH
 - a. 11 - 25 Yard - 96"
22. APPROXIMATE BODY WEIGHT (IN LBS)
 - a. 25 Yard - 12,200lbs
23. BODY CAPACITIES
 - a. 20 Cubic Yard
24. HOPPER CAPACITY
 - a. 20 Cubic Yard Rear Loader - 3 Cubic Yards
25. HOPPER OPENING HEIGHT
 - a. 20RL - 52"
26. HOPPER OPENING WIDTH
 - a. 74"
27. UPPER HOPPER BRACE
 - a. Formed 1/4" - A36
28. HOPPER FLOOR
 - a. 1/4" 50k
29. HOPPER BRACES
 - a. Formed 1/4" 50k
30. TAILGATE SEAL HEIGHT
 - a. 22"

31. LOWER TAILGATE SIDE

a. 7 ga 50k

32. UPPER TAILGATE SIDES

a. 10 ga 50k

33. SLIDE TRACKS

a. Formed 1/4"- 50k

34. SLIDE WEAR STRIPS

a. 1/2" x 2 1/2" A36

35. TAILGATE SIDE BRACES

a. Formed 7GA - 50k

36. FACE SHEET

a. 10GA 50K

37. FACE SHEET BRACES

a. Formed 7 ga 50k

38. LUGS

a. 1" x 4" 1018CFG flat

39. LUG CENTER BRACES

a. Formed 10 GA 50k

40. UPPER SLIDE SHOE

a. 7 1/4" x 1" Lug 6 7/8" x 5 13/16" x 1 3/4" UHMW

41. SLIDE

a. 20RL - 4 1/2" Bore, 43" Stroke, 3" Rod

42. TAILGATE

a. 20RL 4" Bore, 24" Stroke, 1-3/4" Rod

43. EJECTION PANEL

a. 20RL 4 stage 6-1/2" Bore, 114" Stroke

44. MINIMUM GVWR (IN LBS.)

a. 20 - 33,000 lbs

45. RECOMMENDED CAB TO TRUNION

a. 20RL - 138"

46. ADDITIONAL STANDARD EQUIPMENT

- a. Semi auto cycling
- b. Auto back pack
- c. Accelerator kit
- d. Auto lock tailgate
- e. Back-Up alarm
- f. All LED lights
- g. Hydraulic tank temp gauge
- h. Right side hydraulic tank access port

- i. ICC lights and reflectors
- j. Site gauge on oil tank
- k. Oil pressure gauge
- l. Chrome cylinders
- m. Side access door
- n. Driver alert buzzer
- o. Tailgate ajar indicator
- p. Light bar
- q. Bolt on steps on rear
- r. Prime under paint
- s. Rear vision camera

47. TROUGH (YES OR NO)

- a. Yes

48. OPERATING PRESSURE

- a. 2,000 PSI

49. HOSES

- a. 4 to 1 BURST

50. FILTER

- a. 10 micron

51. PUMP FLOW

- a. 29 GPM @ 1,350-1,400 RPM

52. TANK CAPACITY

- a. 45 gallon with 100 mesh 141 micron suction strainer

53. CYLINDER PIN

- a. 1 1/4 OD 1144 Stressproof

54. CYLINDER SUPPORTS

- a. 3/4" A36 Formed 3/8" 50K

55. NOSE

- a. 1/4" A36

56. SHOES

- a. 1 11/16" x 2 1/4" x 12" UHMW qty (8)

57. UPPER FACE SHEET

- a. 10 GA 50K

58. BASE AND SUPPORT STRUCTURE

- a. Formed 1/4" 50K 1/4" X 4" tube 1/4" x 4: flat

59. BRONZE BUSHINGS

- a. 2" ID

60. SWEEP NOSE

- a. 5/8" A36

61. BACKING PLATE

a. 10 ga 50k

62. LOWER SLIDE SHOE

a. 5" x 21" x 5/8" A36 plate 1/2" x 24" x 2 3/4" UHMW

63. UPPER SLIDE CYLINDER PINS

a. 1 1/2" OD 1144 stressproof

64. UPPER SWEEP PINS

a. 1 1/2" OD 1144 stressproof

65. LOWER SWEEP PINS

a. 2" OD 1144 stressproof

66. FACE PLATE

a. 1/4" 50k

67. SWEEP

a. (2) 5" bore, 16" stroke, 2-1/2" rod

68. WARRANTY

- a. 2 year cylinder warranty
- b. 1 year body warranty
- c. 1 year hydraulic warranty

69. STEEL OPTIONS

- a. Ejection panel face 10ga 50k
- b. Upper body floor 10ga 80k
- c. Hopper floor and back 1/4" 50k and back 1/4" 100k
- d. Tailgate lower sides 7ga, 50k
- e. Slide face 7ga, 50k

70. HYDRAULICS

- a. Induction hardened slide rods
- b. Induction hardened sweep rods
- c. Zinc clear hydraulic tubes

71. SAFETY DEVICE OPTIONS

- a. Fire extinguisher - 10lb (standard on mounted units)
- b. Triangle Kit (standard on mounted units)



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NEW WAY - 16 YARD VIPER REAR LOADER SPECIFICATION #111

2016 New Way 16 Yard Viper Rear Loader

The New Way 16 Yard Viper Rear Loader 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:	\$44,892.44	\$44,892.44	\$44,892.44	\$44,892.44

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:	16 Yard Viper Rear Loader			
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:	\$44,892.44	\$44,892.44	\$44,892.44	\$44,892.44

Order Code	Add Options	All Zones
	Installed customer supplied scales (quoted on request)	NA
	Vulcan scale installed (4 point system)	\$11,239.10
	Vulcan scale installed (6 point system)	\$14,443.45
	Loadman scale installed (4 point system)	\$12,563.67
	Loadman scale installed (6 point system)	\$13,033.62
	Pump only	Std
	Manual transmission or automatic transmission (air assist PTO) Gear pump (requires additional solenoid valves for safety interlocks)	\$2,862.30
	Automatic transmission (hot shift) with pump	\$2,112.22
	Automatic transmission (hot shift with overspeed) with pump	\$2,396.42
	Automatic transmission (hot shift with overspeed) with pump, pack on the go	\$2,523.29
	Front mount muncie MLS	\$3,586.00
	Pack at lower RPM gear pump (additional charge) *1,000-1,200 <i>chassis and engine torque must be approved by the body manufacturer for this option. ¹</i>	\$781.55 ¹
	Pack at lower RPM vane pump (additional charge) *1,000-1,200 RPM (requires driveline or extension shaft) <i>chassis and engine torque must be approved by the body manufacturer for this option. ¹</i>	\$2,381.19 ¹
	*check with chassis manufacturer for adequate torque @ low RPM	NA
	Silent drive 20,000 lb pusher axle with tires	\$10,810.77
	Silent drive 20,000lb pusher axle without tires	\$8,462.06
	Silent drive 13,200 lb pusher axle with tires	\$9,394.84
	Silent drive 13,200 lb pusher axle without tires	\$7,970.80
	9,000 lb tulsa winch with latch kit	\$3,100.83
	12,000 lb tulsa winch with latch kit	\$4,056.96
	12,000 lb bloom winch with latch kit	\$4,056.96
	12,000 lb reeving cylinder with latch kit	\$4,964.37
	Kick bar with latch kit	\$3,625.58
	Kick bar without latch kit	\$3,090.68
	Extra valve section and handle (rear valve for future container handling option)	\$624.23
	Extra valve section (front valve with air actuator)	\$786.63
	Latch kit/trunion guides/ and container stops	\$532.88
	Brace roof and cut out for drum winch for future install	\$357.28
	Extra cable guide on drum winch rearward	\$284.20
	Lower loadsill 3"	\$184.73
	Perkins auto trunion lock	\$5,916.44

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*Note - Maximum of 2 valve sections available on rear valve for options	NA
Perkins cylinder actuated (no other container lifting devices) D6500	\$4,008.24
Perkins cylinder actuated (with other container lifting devices) D6500 (not compatible with Kick Bar)	\$4,594.91
Perkins rotary actuated (no other container lifting devices) D6220	\$5,481.00
Perkins rotary actuated (with other container lifting devices) D6220	\$5,913.39
Bayne rotary actuated (no other container lifting devices) MBTL180	\$5,171.43
Bayne rotary actuated (with other container lifting devices) Revolution series	\$6,016.92
Perkins auto arm lifter (D6098) (not compatible with any other container lifting devices)	\$7,735.32
Extra valve section with extended handle (rear valve for future cart tipper installation)	\$624.23
Street side linkage to operate tipper valve section	\$380.63
Single tap-in-kit (required if more than two (2) container handling/cart tipper options or left side cart tipper)	\$951.06
Dual tap-in-kit (required if dual tippers, unless street side linkage providing the sections are available)	\$1,122.59
Extend loadsill and latch kit for future install of cart tipper	\$632.35
Add hydraulic tubing to tailgate side for future tipper install	\$159.36
Notch loadsill for tipper with other lifting devices	\$236.50
LED mid body back-up lights includes up to two (2) lights	\$440.51
LED work lights two (2) mounted, inside upper tailgate shining in hopper	\$333.94
LED work lights two (2) mounted, outside upper tailgate shining rearward	\$456.75
Strobe light (surface mount)	\$299.43
Strobe light package (integrated strobe system) (2 round lights mounted upper tailgate)	\$467.92
Strobe light package (integrated strobe system) (2 round lights mounted lower tailgate)	\$467.92
Strobe light package (integrated strobe system) (2 round lights mounted front of body)	\$550.13
LED round strobes upper tailgate (2 lights)	\$310.59
LED round strobes lower tailgate (2 lights)	\$395.85
LED round strobes at front of body (2 lights)	\$395.85
LED oval strobes upper tailgate (2 lights)	\$395.85
LED oval strobes at front of body (2 lights)	\$395.85
LED 7" round strobes upper tailgate (2 lights)	\$556.22
Traffic adviser board (not compatible with winches)	\$823.17
Center mount brake (ID Cluster)	\$86.28
Brush guards for upper light bar	\$173.57
Wiring circuit including switch for customer install of lights	\$142.10
Safety shut down curbside	Std
Safety shut down streetside	\$153.27

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Driver alert buzzer curb side	Std
Driver alert buzzer street side	\$103.53
Guard to protect control handles	\$69.02
Back up alarm upgrade 102db	\$76.13
Back up alarm auto volume adjustable	\$150.22
Interlock on front access door	Std
Back up collision avoidance sensor (pre-view)	\$2,332.47
Fire extinguisher - 20lb (upgrade from 10lb) (only available on mounted units only)	\$95.41
5.6" color flat screen with audio	Std
7.0" color flat screen with audio	\$217.21
3rd eye 7.0" color flat screen with audio	\$517.65
Prime Only	Std
Acrylic Urethane Enamel white (9-20RL)	\$1,622.99
Acrylic Urethane Enamel white (25-RL)	NA
Acrylic Urethane Enamel color (9-20RL)	\$2,108.16
Acrylic Urethane Enamel color (25 RL)	NA
Clear coat	\$1,622.99
Two tone or special design (mounted units only) <i>CONSULT FACTORY</i> ¹	NA ¹
Body under coating (mounted units only) (applied from frame rails to edge of body and under side of hopper)	\$1,531.64
Riding steps coated with black bed liner material	\$180.67
Prime inside of body (recommended for stock units)	\$387.73
Magnum package - hopper floor 1/4" 100k, tailgate lower sides 1/4" 50k, sweep and slide face 1/4" 80k, upper floor 7ga 50k, lower body floors 3/8" 50k	\$2,158.91
Upper body floor 1/4" 50k from 10ga 80k	\$703.40
Upper body floor 7ga 50k from 10ga 80k	\$499.38
Hopper floor and back 1/4" 100k	\$507.50
Hopper floor and back 3/8" 50k	\$615.09
Hopper floor 1/2" 50k, back 1/4" 100k AR200	\$1,238.30
Hopper liner floor and back 1/4" 100k	\$1,256.57
Reinforce hopper floor with additional braces	\$284.20
Tailgate lower side 1/4", 50k	\$410.06
Tailgate lower side 1/4", 80k	\$755.16
Tailgate lower side 1/4", 100k	\$1,166.24
Tailgate lower side liners 7ga, 50k	\$837.38
Tailgate lower side liners 1/4" 100k	\$1,671.71

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Slide face 1/4" 50k	\$237.51
Slide face 1/4" 100k	\$391.79
Sweep face 1/4" 100k	\$280.14
Ejection panel face 7ga 50k	\$324.80
Ejection panel face 1/4" 50k	\$647.57
Full body weld inside vs. stitched	\$372.51
Full weld outside center trough	Std
Frame mounted hydraulic tank	\$592.76
Electronic filter by-pass indicator in cab	\$242.59
Hydraulic shut down when filter in by-pass	\$547.09
Hour meter on PTO	\$256.80
High temperature fluid switch	\$474.01
Low fluid level switch	\$468.93
In tank oil heater (110 volt)	\$1,190.60
In cab air controls for tailgate and eject (includes auto tailgate locks)	\$747.04
Remote hook-up with quick disconnects	\$1,057.63
Nylon sleeves on hoses	\$310.59
Viper slide cylinders on Cobra w 2500 PSI (STD on 11,13 yard)	\$479.08
Guards to protect roof hoses/pipes	\$430.36
Quick disconnect pressure port at front valve	Std
Quick connect pressure gauge	\$92.37
Auto lube system (up to 14 points)	\$5,716.48
Turnbuckles	\$372.51
Mud flaps behind rear axles	\$173.57
Mud flaps in front of rear axles	\$173.57
Shovel/broom rack	\$186.76
Steel tool box 18x18x24	\$503.44
Steel tool box 18x18x36	\$588.70
Steel tool box 18x18x46	\$645.54
Steel tool box 18x18x48 <i>CORRECTION 24X24X48¹</i>	\$687.16 ¹
Sign brackets 3' x 5' (pair)	\$403.97
Sign brackets 42" x 78" (pair)	\$498.37
Sign brackets 60" x 72" (pair)	\$590.73
Access door 30" x 30"	\$223.30
Access door steps (ladder with handles)	\$352.21
Extra grab handles (set)	\$121.80

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Container washout tank 35 gallon	\$1,501.19
Container washout tank 50 gallon	\$1,656.48
Water cooler and bracket	\$245.63
Steps extend length (not compatible with kick bar)	\$409.05
Steps extend width (max 102")	\$362.36
Hopper floor extension (limits fallback into hopper)	\$543.03
Tailgate seal extension (increases seal height)	\$335.97
Cup holder (mounted to side of tailgate)	\$77.14
3 year cylinder warranty (16 to 25 yard Cobra) <i>VIPER INCLUDED</i> ¹	\$1,148.98 ¹
2 year body warranty	\$1,232.21
3 year body warranty	\$1,920.38
2 year hydraulic warranty	\$1,091.13
3 year hydraulic warranty (excludes cylinders)	\$1,590.51