



Heavy-Duty Integrated



Optional Equipment Shown.

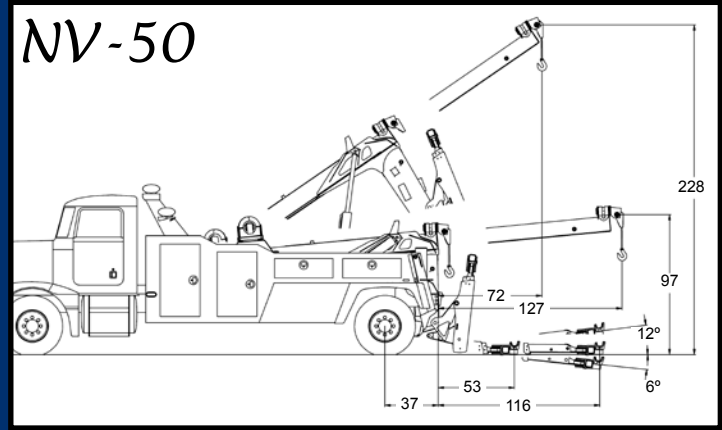
Innovative. Durable. Brutally Tough

Over two decades ago, Vulcan became a pioneer in the heavy-duty integrated towing and recovery market with the introduction of the Vulcan 940 and then continued its advancement with the Vulcan 3025. The V-100 is just one example of Vulcan's continued pursuit in providing the most innovative equipment to meet the demands of professional heavy-duty operators. For more information on Vulcan's innovative line of towing equipment contact your local Vulcan distributor, or call 800-489-2401 for the distributor closest to you.

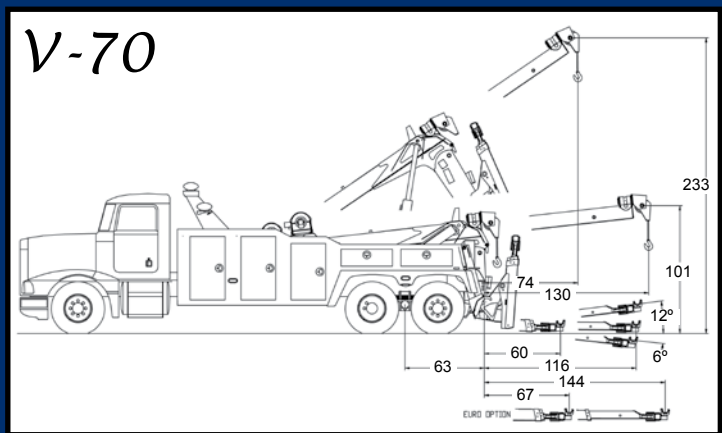
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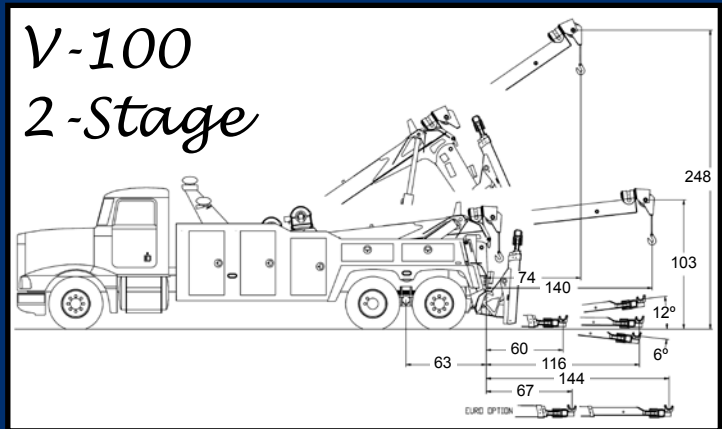
NV-50



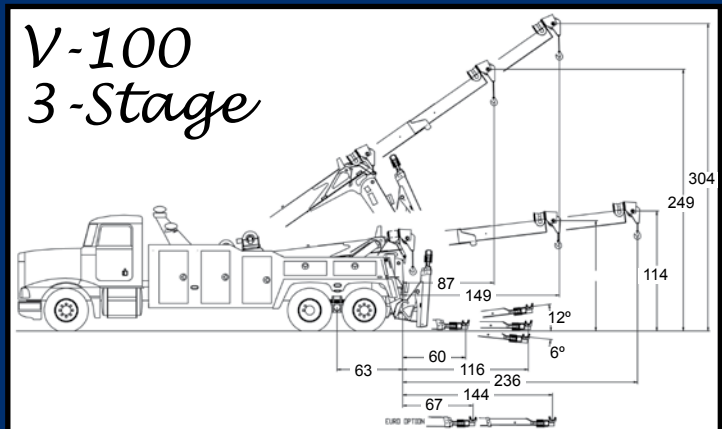
V-70



V-100 3-Stage



SP 850-XP





The newly designed aluminum body provides spacious, modular tool compartments with features that include keyless entry, washable floors, adjustable shelves, rear tailboard fork storage, along with chain racks and fork holders. Other popular options include a 7-drawer tool box, folding sink, and fold-down storage brackets for the heavy-duty tire lift.



Illuminated manual controls, winch air-free spools, and pressure gauges are standard on the drivers & passenger side control stations.



The rear tailboard provides quick access to a pair of lifting forks, air & electrical hook-ups and safety chains, along with the optional tailboard underlift controls.



Vulcan's independent rear spades provide a wide foot-print and are now available with multi-positional flipper feet. The new multi-positional flipper foot option can be configured in three different positions, a flat foot, spade, or shovel to provide sure footing of your unit on a variety of different surfaces.



For difficult-to-tow vehicles, the 3-stages of the underlift are fabricated of high-tensile steel to provide additional reach while maintaining a low profile without sacrificing strength. The optional Euro Stinger for a V-70 or V-100, shown here, gives you an extended reach of 144" without sacrificing the low profile of the underlift.



Left: The optional 7-drawer toolbox is ideal for storing your hand tools and small parts, a 3-drawer toolbox is available for tri-axle bodies.

Right: The optional bus lift storage bracket allows you to fold down the attachment for easier loading & unloading.

Far Right: The optional chain package stores nicely in the toolbox with the standard chain racks provided.



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BOOM SPECIFICATIONS

Model	Boom Structural Rating (S.A.E.)		Maximum Angle	Maximum Hook Height (inches)	Reach Past Tailboard at Minimum Boom Angle (inches)
	Retracted 30°	Extended 30°			
NV-50	50,000 lbs.	15,000 lbs.	30°	228"	127"
V-70	70,000 lbs.	28,000 lbs.	35°	233"	130"
V-100	100,000 lbs.	35,000 lbs.	35°	248"	140"
V-100 (3-Stage)	100,000 lbs.	18,000 lbs.	35°	304"	236"

All ratings are based on structural factors only, not vehicle capacities or capabilities. Specifications shown are approximations and may vary depending on chassis selected. Miller Industries Towing Equipment Inc. reserves the right to change or modify product and or specifications without notice or obligation. Some equipment shown is optional.

*All Recommendations are minimums. Heavier specifications may be required depending on chassis and equipment weight.

The outside frame rails of chassis extending behind the cab must be free of fuel tanks, air tanks, battery boxes, etc.

UNDERLIFT SPECIFICATIONS

Model	Capacity Fully Extended to C.L. of Forks	Capacity Fully Retracted to C.L. of Forks	Underlift Tilt
NV-50	15,000 lbs. @ 116"	25,000 lbs. @ 53"	12°+ / 6°-
V-70	16,000 lbs. @ 116"	35,000 lbs. @ 60"	12°+ / 6°-
V-100	18,000 lbs @ 116"	55,000 lbs. @ 60"	12°+ / 6°-
V-100, V-70 w/ EuroLift	V-70 16,000 lbs. @ 144" V-100 18,000 lbs. @ 144"	55,000 lbs. @ 67"	12°+ / 6°-

WINCH RATING & CABLE

Model	Winch Capacity	Winch Type	Cable Specifications
NV-50	(2) 25,000 lbs.	Planetary or Worm	5/8" x 200' 6x37 I.W.R.C.
V-70	(2) 35,000 lbs.	Planetary (2-Speed Optional)	3/4" x 200' 6x37 I.W.R.C.
V-100	(2) 50,000 lbs.	Planetary 2-Speed	3/4" x 200' 6x37 I.W.R.C.

CHASSIS RECOMMENDATIONS*

Model	Front Axle (lbs.)	Rear Axle (lbs.)	Clear C.A. / C.B.	After Frame from Center of Rear Axle	R.B.M. (in./lbs.)
NV-50 (Single Axle)	12,000	21,000	156" to 186" C.A.	36½"	1,650,000
V-70	13,200	40,000	156" to 200" C.B.	36"	2,250,000
V-100	14,600	40,000	156" to 200" C.B.	36"	3,000,000

BODY SPECIFICATIONS

Model	Common Body Configuration	Additional Body Configurations
NV-50 (Single Axle)	156" C.A.	186" C.A.
V-70 / V-100 (Tandem)	160" C.B.	180" / 200" / 220" C.B.
V-70 / V-100 (Tri-Axle)	180" C.B.	200" / 220" C.B.
SP 850-XP (Tri-Axle)	180" C.B.	200" C.B.

STANDARD FEATURES

- 96" Wide Aluminum Modular Body
- Remote Keyless Lock/Unlock for Toolboxes
- Dual Control Stations with Direct Link Activated Levers
- Full 15 Function Remote Lanyard Controls (Passenger side)
- Underlift In-Cab Controls
- 9-Way Switch Panel
- Dual Pressure Gauges
- Independent Hydraulic Rear Spades
- Pavement Pads (N/A with Flipper Foot Opt.)
- Lower Work Lights
- Mud Flaps
- Tailboard Fork & Chain Storage
- Fork Holders
- Safety Chains in Rear Pockets
- 2-Section Hydraulic Pump
- Light Pylon
- Tailboard D-rings
- LED Lighting
- Aluminum Tread-plate Walkway
- LED Toolbox Lighting
- Adjustable Shelves
- Dual Chain Racks
- Air & Electrical Hook-Ups
- Rubber Isolators for Body Mounting

BOOM

- Power Elevation
- Power Extension
- Dual Hydraulic Winches
- Air Cable Tensioners
- Air Free Spool
- 360° Sheave Heads
- Cable Tie Backs
- Tailboard Recovery Anchors
- Spherical Bearings in Main Boom Pivot
- Single Grease Fitting for Lubrication of Inner Boom Top Pad

UNDERLIFT

- Power Elevation & Extension
- Hydraulic Fold
- Patented Power Tilt
- 3 Stage Design
- 1 Piece Pivot Pin
- Upper/Lower Thrust Washer
- Low Profile Crossbar
- 70° Pivoting Crossbar
- 6 Pair of of Cast Steel Forks
- 1 Pair of Hook Adapters
- Low Profile Fork Receivers
- High Stands
- 1 Pair of Spring Lift Hangers
- King Pin Lifting Plate

OPTIONAL FEATURES

- Air Shift P.T.O.
- Euro Stinger -144" (V-70/V-100 only)
- Multi-Positional Flipper Feet
- Heavy Duty Tire Lift
- Tire Lift Storage Brackets
- Chain Hook Slide Adapters
- Pintle Hook Attachment
- 5th Wheel Plate (Requires Pintle Hook Attachment)
- King Pin Attachment (Requires Pintle Hook Attachment)
- Trailer Ball Adapter (Requires Pintle Hook Attachment)
- Additional Lift Forks
- Underlift light kit
- Additional Lighting
- Boom Angle Indicator
- Chain Package
- Endless Loop Sling Package
- Screw Pin Shackle Kit
- Wireless Remote Control (Std. on V-100)
- Side Work Lights
- Power Touch System
- Tailboard Underlift Controls
- 3 or 7 Drawer Toolbox
- Washdown Sink
- Engine Data Info Center
- Snatch Blocks
- Wide Load Light Bar
- Rear Camera & Monitor
- Navigation System & Rear Camera
- Convenience Groups
- Aluminum Dress Up Kits
- Installation

Miller
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Vulcan

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