

VIPER™ AERIALS



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STRAIGHT STICK AERIAL APPARATUS™

[WWW.ROSENBAUERAMERICA.COM](http://WWW.ROSENBAUERAMERICA.COM)

 **rosenbauer**

# ROSENBAUER VIPER™ AERIALS

## SMART AERIALS

### THE BEST TECHNOLOGY TO FIGHT FIRES

Rosenbauer's SMART Aerials provide unmatched features that enhance the safety and performance of the Rosenbauer Viper. The programmable logic control operating system uses absolute inclinometers to monitor all functions continuously, offering maximum safety.



### REMOTE OPERATIONS

Our wireless remote both transmits and receives information, giving the operator continuous readings on the aerial's extension, retraction, rotation, elevation, aerial load, and more. Lit for night-time operation and functional up to 500 feet away, our wireless radio remote is the safest and most intuitive in the industry.



### AERIAL COMMAND SEAT (ACS)

Comfortably operate and monitor all aerial functions with ease from the aerial command seat. For cooler climates, a heated seat is available.



### SINGLE JOYSTICK OPERATION

Smooth operation is ensured with electric-over-hydraulic controls, eliminating ladder whip. Joystick available on either our control pedestal or the Aerial Command Seat.



### COMMAND PEDESTAL

Aerial SMART control system comprised of the soft-touch joystick and SMART screen combination is the standard configuration.



## AERIAL RESCUE MODE

Operate in waterway or rescue mode with our standard lever-action locking waterway system.



100'  
HEIGHT

78'  
HEIGHT

750  
POUND



**100' & 78' SIZES AVAILABLE WITH  
750 POUND TIP LOAD CAPACITY**



## COLLISION CONTROL

The Viper's™ advanced CAN-Bus electronic system not only prevents the aerial from damaging the cab and body but also any additional items protruding off the cab and body, including but not limited to lights, air conditioners, and reels.



## THE SAFEST SHORT JACKING POSSIBLE

The Rosenbauer SMART Aerial system uses sensors and electronics to allow operation on the short jack side, which prevents maneuvering to an unsafe position. The envelope control system monitors ground pressure at all times, allowing safe aerial operations even when the stabilizers can't be fully deployed in narrow or congested streets and alleys.



## AERIAL CONTROL SCREEN

The SMART screen shows the operator real-time information including, but not limited to, aerial information/functions, outrigger placement, and aerial operational parameters, flow control and engine diagnostics.



## AUTOBEDDING

A momentary autobedding switch automatically beds the aerial when it's within 20 degrees left or right of the ladder bed, less than 20 percent extended, and less than 20 degrees elevated.



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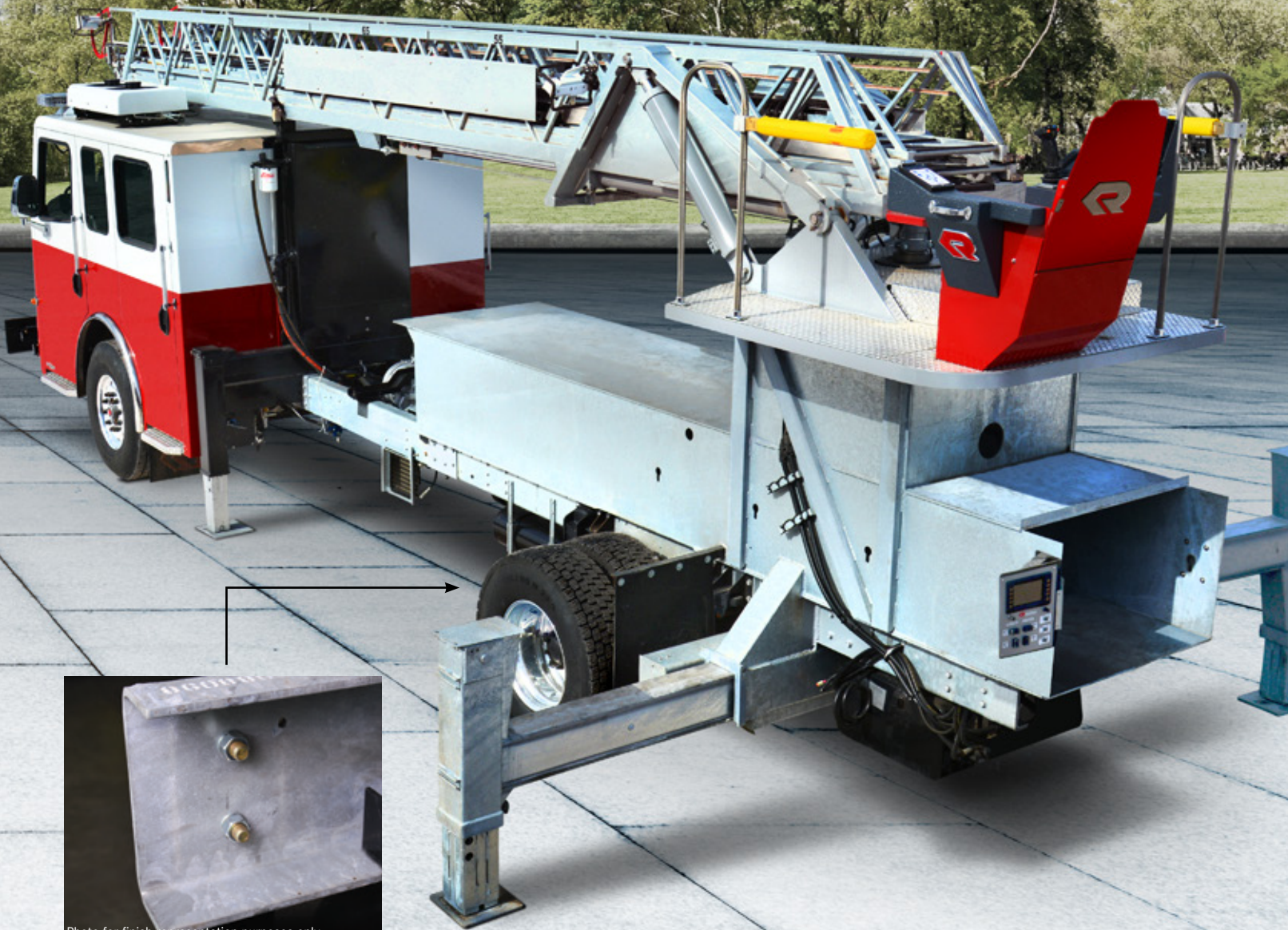


Photo for finish representation purposes only

**GALVANIZED HDG RAIL SECTION**

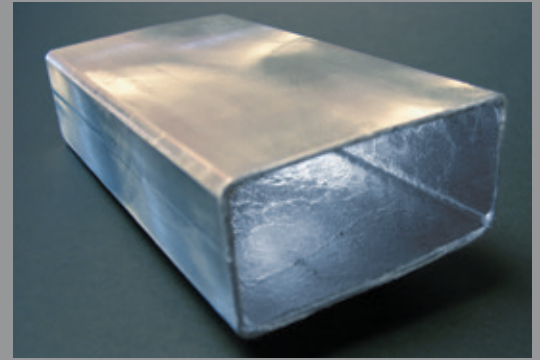
- ◆ Standard HDG outriggers and torque box
- ◆ Electric or hydraulic outrigger controls



## STURDY STEEL CONSTRUCTION

Aerials come in one of two ways hot-dip galvanized steel or painted steel. Hot-dip galvanized steel gives maximum protection against corrosion, making your aerial virtually maintenance free. We dip the entire aerial section and coat the tubing inside and out. Painted steel aerials have great appearance and strength. Either way, you get great value.

**All of our aerials are built with 70k and 100k material.**



## BUILT TO LAST

As aerials are a major investment, Rosenbauer designs for dependability, longevity, and serviceability. From the standard hot-dip galvanized torque tube and outriggers which prevent corrosion in hidden areas, and optimal galvanized ladder sections for the ultimate in corrosion protection, to the three-piece swivel for ease of service, Rosenbauer aerials are engineered and tested to stay in service for many years to come.



## THIRD-PARTY TESTING

All of our aerials must undergo testing by an independent third-party testing company to ensure you get the safest piece of equipment possible.



## AERIAL FINISH OPTIONS

- Painted Full Aerial
- Hot-Dip Galvanized Full Aerial
- Painted - Hot-Dip Galvanized Full Aerial
- Galvanized Painted Base with Galvanized only Sections



## SMART AERIAL FLOW CONTROL

The SMART Aerial flow control automatically adjusts the flow of the aerial depending on the monitor position, from 1000 GPM to 2000 GPM.



## THREE-PIECE SWIVEL

Our durable, modular design enhances serviceability of your aerial. Reducing costly swivel repairs and allowing quick turn around to keep your truck in service.

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## SMART AERIALS

### FIREFIGHTERS' WEAPON

Giving firefighters the right weapon means making safety a top priority. We've incorporated the latest technology to automate safety systems and simplify operations. You can rely on your Rosenbauer Viper™ Aerial to make sure everyone goes home.



#### VIPER™ PERFORMANCE

<b>LADDER REACH</b>	60' - 125' Vertical Reach
<b>PAYLOAD CAPACITY</b>	500 lbs. & 750 lbs. Dry
<b>WATERWAY</b>	Up to 1500 GPM
<b>WIND RATING</b>	50 MPH Unrestricted
<b>ICE RATING</b>	1/4"
<b>BELOW GRADE OPERATIONS</b>	10°
<b>AERIAL CONTROLS</b>	Manual Control Stand Electric-Over-Hydraulic (SMART Controls)
<b>STABILIZER SPREAD</b>	13'6" - 15'6"
<b>STABILIZER</b>	2 Rear Out and Down 2 Front and 2 Rear Out and Down
<b>APPARATUS BODY</b>	FX, EXT, CT, FL
<b>WATER TANK</b>	300 - 2500 Gallons
<b>FIRE PUMP</b>	Flow Rates up to 2000 GPM
<b>SMART AERIALS FLOW</b>	Flow Rates of 1000 GPM to 2000 GPM

#### STRAIGHT STICK OPTIONS

Rosenbauer Viper™ Aerials are available in the following configurations:

#### REAR-MOUNT

60' 2-Section	85' 3-Section
65' 2-Section	100' Single Axle
65' 3-Section	100' w/750# 4-Section
78' 3-Section	109' 4-Section
78' w/750# 3-Section	125' 4-Section

#### MID-MOUNT

100' 5-Section
75' 4-Section Single Axle

#### TRACTOR-DRAWN-AERIAL

100' 4-Section
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#### AERIAL OPERATIONS

Twin double-acting lift cylinders provide -10° to +75° of aerial operation and easy access for firefighters.





## SIDE STACK HOSEBED

Standard hosebed allows for 1,000 feet of rubberized 5-inch intake hose in an easy-to-deploy storage solution.



## RUNG LIGHTING AT NIGHT

LED rung lighting provides maximum lighting with minimal amp draws.



## EZ LOAD™ HOSE BED

Rosenbauer's exclusive EZ Load Hose Bed simply lowers off the side of apparatus for easy access to the well. The EZ Load Hose Bed stores up to 1,500 feet of rubberized 5-inch intake hose.



## LADDER STORAGE OPTIONS

Our torque box will accommodate an entire complement of NFPA recommended ground ladders, without losing compartment space in the body.

## EZ CLIMB™

This exclusive technology makes boarding the fire truck as easy as climbing the stairs, and it's safer for firefighters.



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