

The Original
SNOOPER®
by
PAXTON-MITCHELL COMPANY, L.L.C.

- ▶ Snooper Series 140
- ▶ Snooper Series 230
- ▶ Snooper Series 240
- ▶ Snooper Series 260
- ▶ Snooper PM 244
- ▶ Snooper PM 254
- ▶ Snooper PM 264

Catalog
2019-2020

Paxton-Mitchell
Company, L.L.C.
is the designer
and manufacturer
of the One and
Only, the Original
SNOOPER® Truck.



The SNOOPER® Truck
is the world's most widely
used Underbridge Inspection
and Maintenance Truck.

www.Paxton-Mitchell.com



SNOOPER®



All Paxton-Mitchell Company, L.L.C.,
SNOOPER® Series Cranes are compliant
with ANSI A92⁽¹⁾ standards for
Vehicle-Mounted Bridge Inspection
and Maintenance Devices.



www.Paxton-Mitchell.com

(1) Paxton-Mitchell
Snooper® Trucks built after
the effective date of
12/10/2019 will be built in
compliance with the new
ANSI A92.20-2018 Design,
Calculations, Safety
Requirements and Test
Methods for Mobile
Elevating Work Platforms
(MEWPs).

Paxton-Mitchell Company, LLC. was initially incorporated in 1901, and built a solid reputation by designing and manufacturing the world's first Underbridge Inspection bucket truck in 1964. It was appropriately named the Paxton-Mitchell Snooper Truck. The word "SNOOPER" is a registered trademark of the Paxton-Mitchell Co., LLC.

Leading the Paxton-Mitchell team in Blair Nebraska is the General Manager, Mark Pfeffer, the Senior Engineer, Joe Craig, Mechanical Design/Project Engineer, Jared Evers, and National Sales Director, Brandon Greer.

For over five decades the Paxton-Mitchell Snooper® Truck has been the most recognized name in Underbridge Inspection Trucks.

Now, there are plans to debut a brand new generation of Snooper® Trucks in 2019-2020.

Moreover, our new generation of Snooper® Trucks **do not have outriggers**.

"I am very impressed with the direction we are taking the Snooper product line. We are taking the Snooper, an excellent product, and making it better. Today's bridges have new challenges, such as broader pedestrian walkways or fences on a bridge deck. The Snooper PM 264 still has the longest first boom in the industry to reach over pedestrian walkways or fences."

**Mark Pfeffer
General Manager**



Circa 1964

Paxton-Mitchell

Snooper® Truck

	SNOOPER SERIES 140-B	SNOOPER SERIES 140-P	SNOOPER SERIES 140-PXL	SNOOPER SERIES 230
HORIZONTAL UNDERBRIDGE REACH	40'	40'	33'	33'
VERTICAL REACH UP	*38' w/ opt overhead	N/A	N/A	30'
VERTICAL REACH DOWN	33'	24'	15'	38'
FENCE CLEARANCE	8'	8'	3.5'	8'
SIDEWALK CLEARANCE	6'	8	N/A	8'
BASKET / PLATFORM CAPACITY	600 LB. total	600 LB.	2,900 LB.	600 LB.
Basket / Platform size	(2) 24"x24"x 42" h	2'x 28' w/ extension	4'x15'x 42" h	36"x60"x42" h
OUTRIGGER TYPE STABILIZERS	YES	YES	YES	NO
ROTATING TURRETS	1	1	1	2
ARTICULATING BOOMS	3	3	3	4
TELESCOPING BOOMS	2	1	2	0
OVERALL LENGTH	32'	32'	40'	40'
OVERALL HEIGHT	12'-6"	12'-6"	13'	12'-6"
HIGHWAY LEGAL	YES	YES	YES	YES

A bridge isn't inspected until
the **SNOOPER®** sees it!

Model Guide

SNOOPER SERIES 240-B	SNOOPER SERIES 240-P	SNOOPER SERIES 260	SNOOPER PM 244	SNOOPER PM 254	SNOOPER PM 264
52'	40'	60'	44'	54'	64'
45'	N/A	48'	33'	44'	56'
53'	25'	70'	44'	54'	65'
10'	10'	10'	12'	12'	12'
12'	12'	12'	14'	14'	14'
600 LB.	1,500 LB.	600 LB.	600 LB.	600 LB.	600 LB.
36"x60"x42" h	30-1/2" x 22'-34"x42" h	36"x60"x42" h	36"x60"x42" h	36"x60"x42" h	36"x60"x42" h
YES	YES	YES	NO	NO	NO
2	2	2	2	2	2
4	3	4	4	4	4
3	2	3	2	2	2
40'	40'	40'	40'	40'	40'
13'-6"	13'-6"	13'-6"	13'	13'	13'
YES	YES	YES	YES	YES	YES

Standard Configuration

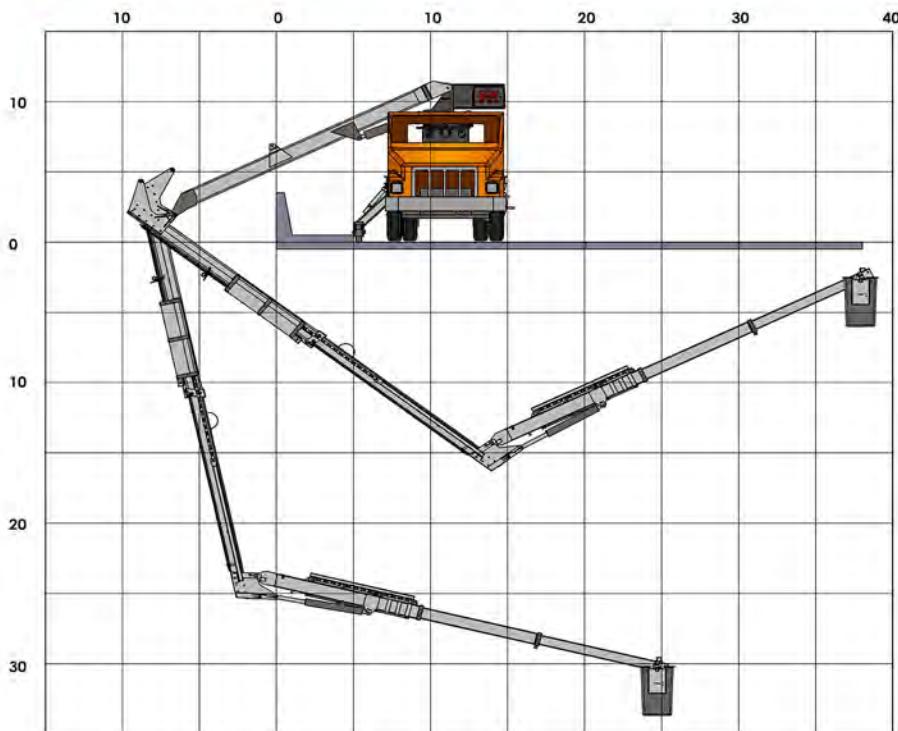
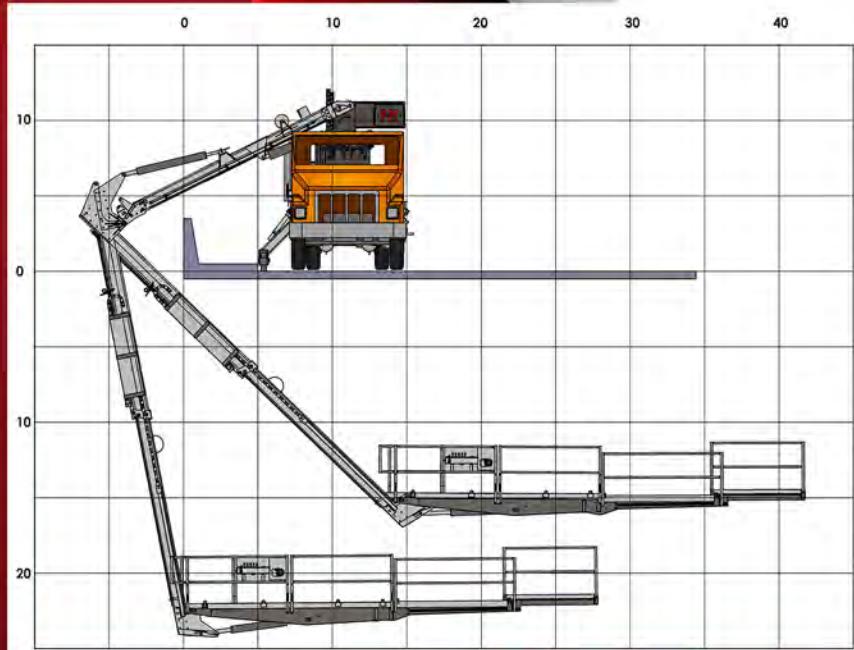
- 3-Station intercom system
- Emergency hydraulic backup
- 2-Sets of controls (one set at the ground control station, and one set in the basket)
- 1-Year warranty standard
- 180-degrees rotating bucket (available only on Snooper PM 244, Snooper PM 254, and Snooper PM 264).

Snooper Series 140

Snooper
Series 140-B



Snooper
Series 140-P



The Snooper Series 140 is available in either Basket or Platform configurations with a robust 600 lb. load capacity.

► First Boom

Hinged to the masthead and provides a minimum of 16 feet horizontal reach. It rotates hydraulically 360 degrees and tilts from 66 degrees above to 26 degrees below horizontal, providing operation from either side of the truck. Wide, multi-lane bridges can be covered from both sides, always working with the flow of traffic.

► Second Boom

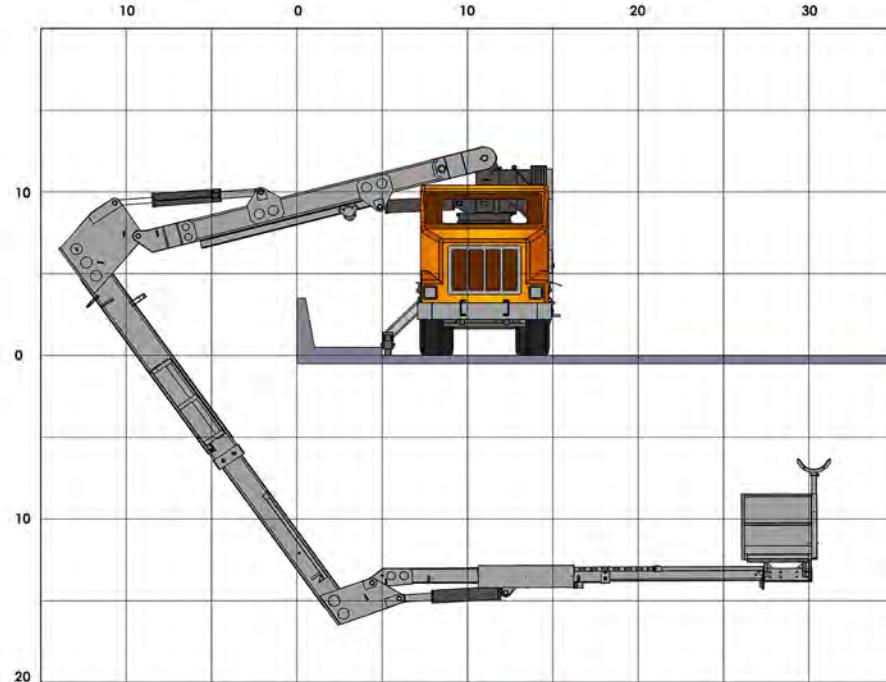
Hydraulically telescopes from 16' to 28', extending downward.

► Basket Snooper

Featuring a telescoping 3rd boom and (2) 1-man baskets. Pinned to the second boom hydraulically telescopes from 11'10" to 27'2" and articulate 117 degrees. The baskets are gravity leveled and equipped with a hydraulic dampener to prevent unwanted movement. The basket snooper is capable of extending back under the bridge approximately forty (40) feet with booms angled.

► Platform Snooper

Hinged to the Second Boom is a hydraulically operated work platform, 24" wide x 13'6" long. By articulating the second boom, the platform is positioned back under a bridge up to 27'. The addition of an optional extension provides a longer platform capable of reach under and across up to 40'. The work platform is capable of extending back under the bridge approximately forty (40) feet with booms angled.



Snooper
Series
140-PXL



Designed for handling and placing conduit and pipe under or along side a bridge structure.

► Platform PXL Snooper

A telescoping 3rd boom with a 4' x 15' wide "T" platform is capable of handling up to a 2,900 lb. total load. This will allow the unit to place up to a 20 inch diameter, 20' long ductile iron pipe as far in as 30 feet under a bridge with ease. A telescoping pipe cradle assists workers to lift pipe up into positon.

► The Snooper Series 140 requires only 10' with stabilizer down, less than one lane of traffic.

► On Snooper Series 140-B and Series 140-P the total vehicle weight is under 50K lbs.

► On Snooper Series 140-PXL the total vehicle weight is under 68K lbs.

► 360 degree first turret rotation allowing operation from either side of the truck.

► Compliant with ANSI A92.2 applicable standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper Series 230

► First Boom

Provides a minimum of 18 feet in length. Articulates 52 degrees above horizontal to 21 degrees below horizontal.

► Second Boom

Provides a minimum of 17 feet in length. Articulates 105 degrees and allow the basket boom to reach under a 14 foot beam.

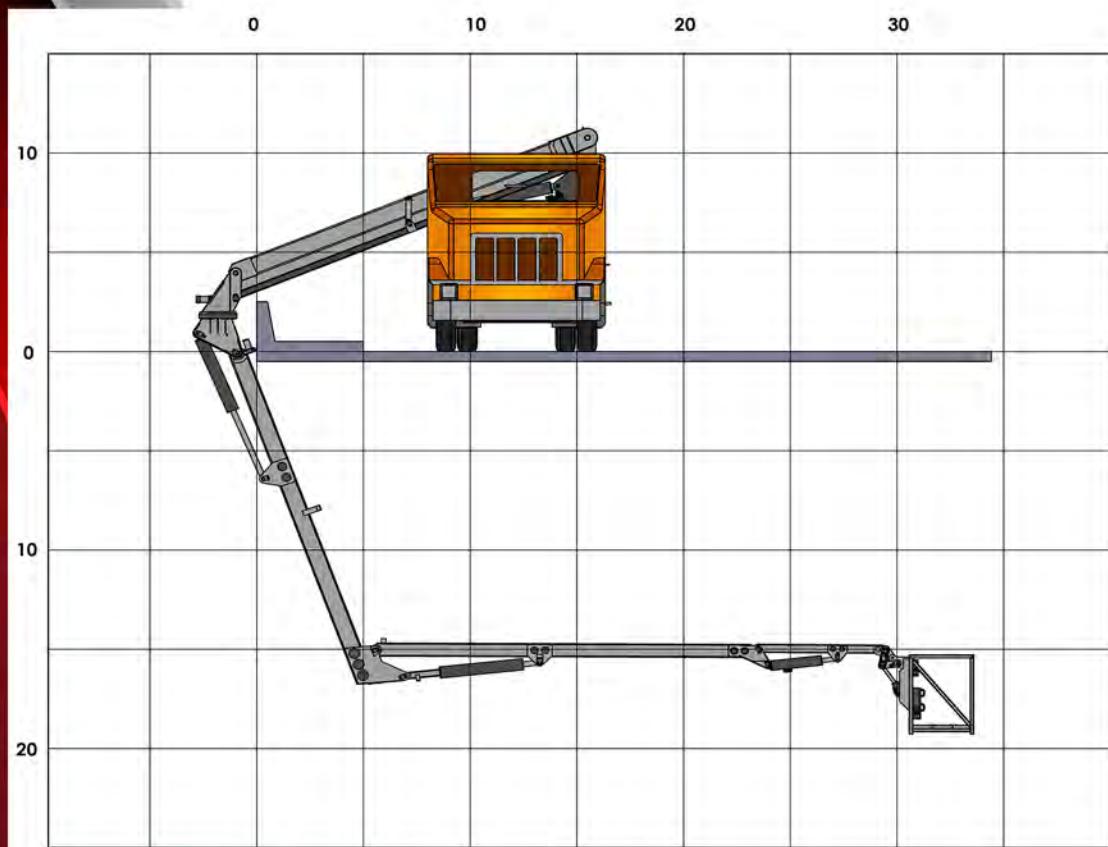
► Third Boom

Provides a minimum of 17 feet in length. Articulates approximately 126 degrees.

► Fourth Boom

The Snooper Series 230 has a 33' underbridge reach,

In addition to underbridge reach, the Snooper Series 230 can reach 38' vertically downward and 29' overhead without boom changeover.





and a 6' long 4th boom pickup allowing placement of workers behind girders. The reach of the Snooper Series 230 from the second turret to end of the basket is 34' - 5/8". A spacious 60" long x 36" wide x 42" high basket and proportional hydraulic controls are standard features as well.



No-Stabilizer No Outriggers Design!

► The Snooper Series 230 operates in 8' traffic lane. No-Stabilizer design.

► Total vehicle weight approximately 38,000 lbs.

► 360 degree first turret rotation allowing operation from either side of the truck.

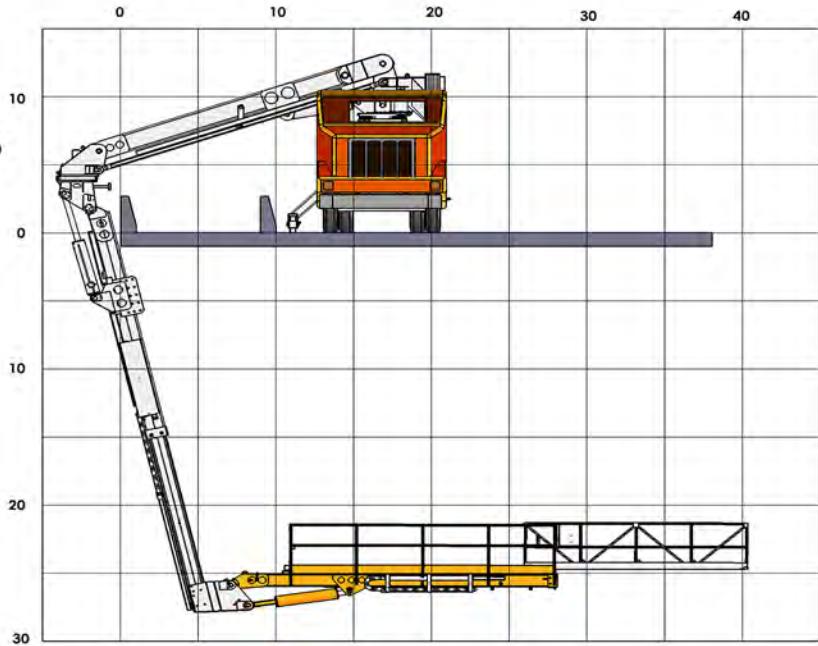
► Compliant with ANSI A92.2 applicable standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper Series 240

► First Boom

Hinged to the masthead and provides a minimum of 19 feet horizontal reach. It rotates hydraulically 360 degrees and tilts from 40 degrees above to 20 degrees below horizontal, which will allow placement of booms over fences a minimum of ten feet (10'), in height. At the outboard end, the boom is to be equipped with a hydraulically operated second turret, which can be rotated a minimum of 270 degrees, enabling second and basket boom or platform to be placed laterally along the side of the bridge deck, as well as rotating underneath.

Snooper
Series 240-P

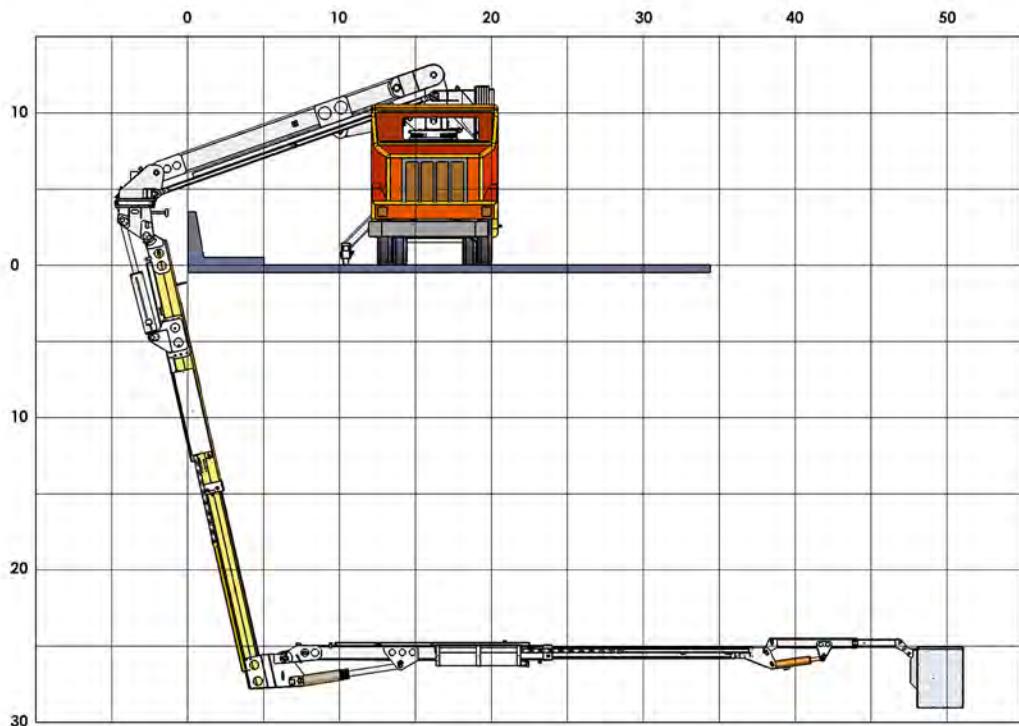


Two rotating turrets •
Microprocessor controlled boom
limiting and safety system • All
steel construction • Proportional
electric over hydraulic controls.



► Second or Elevator Boom
Hydraulically telescopes from 18' to
29', extending downward.

Available in either Basket
or Platform Snooper
configurations.



**Snooper
Series
240-B**

► Basket Snooper

The third boom hydraulically telescopes from 20' to 32'. The fourth or basket boom telescopes from 7' to 9'6" and it is pin mounted to the outboard end of the third boom. The metal basket is 60" long X 36" wide X 42" deep, with a minimum capacity of 600 lbs. mounted at the boom tip. Scoping and articulation of booms will enable horizontal extension from the outer edge of bridge deck under and across up to 51'6", from the centerline of second turret 55'.

With booms tilted downward, the vertical reach shall be approximately 52'-8" below a bridge deck. Overhead capabilities will allow positioning basket 45' above grade with the second boom above ground level.

► Platform Snooper

The work platform hydraulically telescopes from 22 to 34 feet long and features a 1,500 lb., working capacity. Overall underbridge reach is 41 feet.

► The Snooper Series 240 requires only 10' with stabilizer down, less than one lane of traffic.

► The total vehicle weight is approximately 67,000 lbs.

► 360 degree first turret rotation allowing operation from either side of the truck.

► Compliant with ANSI A92.2 applicable standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper Series 260

► First Boom

The first boom provides a minimum of 19' horizontal reach and rotates hydraulically 360°, allowing operation from either side of the truck. The tilt above horizontal is 40 degrees, -below- 20 degrees - which will allow placement of booms over fences a minimum of 10' in height.

► Second Boom

The second boom hydraulically telescopes from 18' to 29', extending downward, enabling the basket or platform boom to be positioned horizontally under girders 25' below a bridge deck.

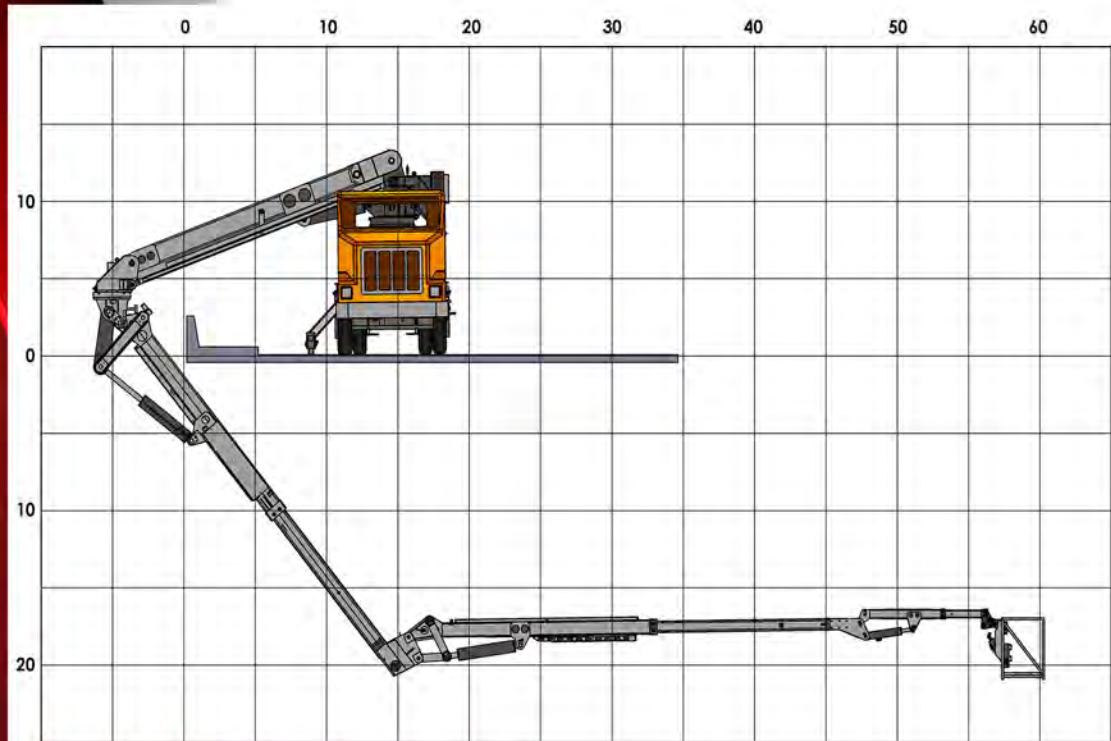
► Third Boom

The third boom hydraulically telescopes from 22' to 34' pin to pin.

► Fourth Boom

The Snooper Series 260 is available in either Basket (600 lbs. load capacity) or Platform (600 lbs. load capacity) configurations.

70' Below
Bridge Extension
• Telescoping
2nd Boom from
18' to 29' • 48'
Above Grade
Extension •
Telescoping
Hydraulic Basket
Boom



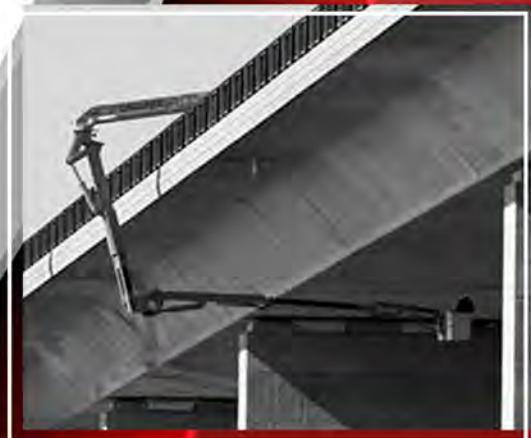


► Basket Boom

The fourth or basket boom telescopes from 7' to 9'6" and is pin mounted to the outboard end of the third boom. A metal basket 60" long X 36" wide X 42" deep, with a minimum capacity of 600 lbs. is mounted at the boom tip. Scoping and articulation of booms will enable horizontal extension from the outer edge of the bridge deck under and across up to 60'0", from the centerline of the second turret 64'0". With booms tilted downward, the vertical reach is approximately 70' below a bridge deck. Overhead capabilities will allow positioning basket 48' above grade with the second boom above ground level.

► Platform Boom

The fourth or platform boom includes a hydraulically self-leveling steel work platform, with a minimum capacity of 600 lbs., mounted to the outboard end of the third boom. The platform is 24" wide, include guard rail 42" high, and be hydraulically extendible boom 7' to 12'. Personnel are to be able to enter the platform on the bridge deck and ride it to working positions. Hydraulic articulation, combined with rotating and scoping of booms, will enable horizontal extension from the edge of bridge deck under and across up to 60'0", from the centerline of the second turret - 64'0". With boom tilted downward, the vertical reach shall be approximately 57' below a bridge deck.



► The Snooper Series 260 requires only 10' with stabilizer down, less than one lane traffic.

► The approximate total vehicle weight is 67,000 lbs.

► 360 degree first turret rotation allowing operation from either side of the truck.

► Compliant with ANSI A92.2 applicable standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper PM 244

► First Boom

The first boom provides a minimum of 18'-6" (19') in length.

► Second Boom

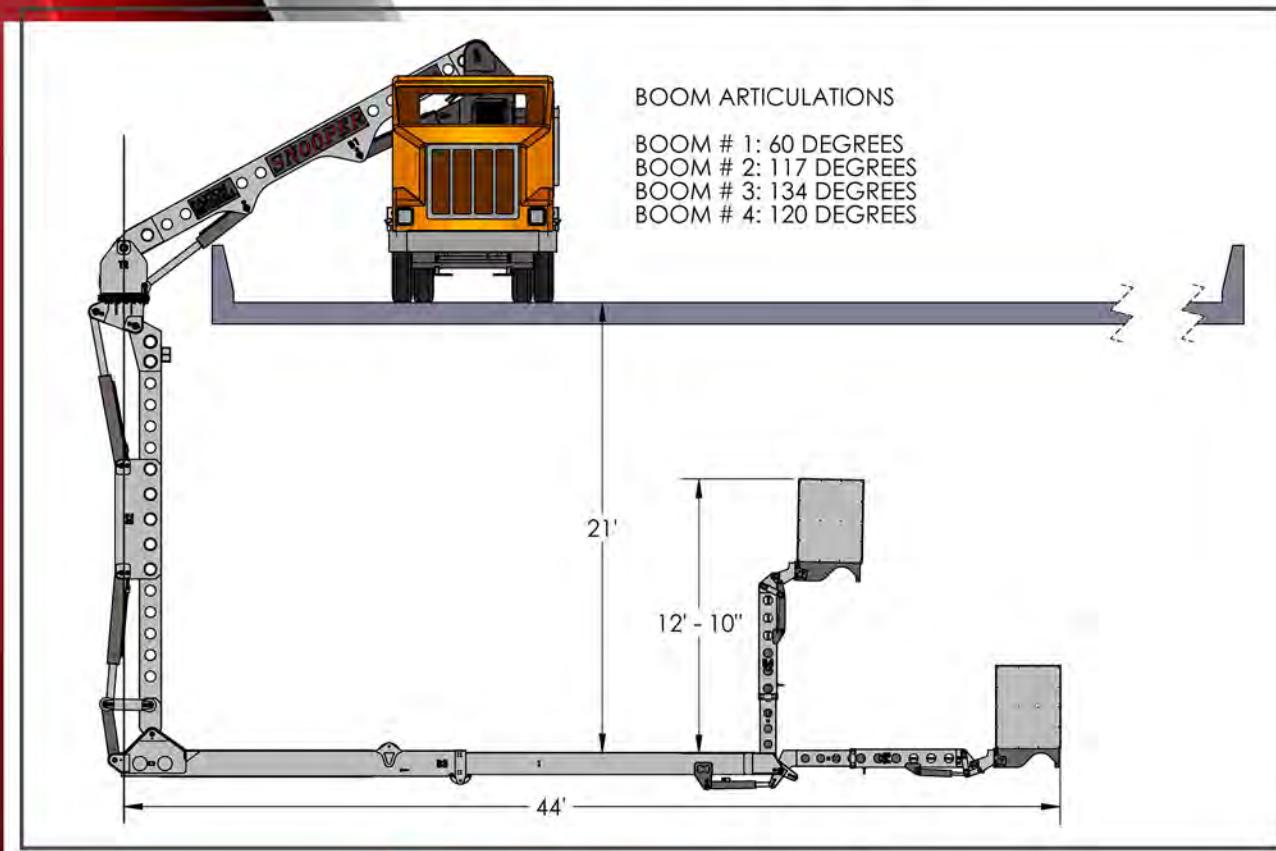
The second boom provides a minimum of 18'-6" (19') in length.

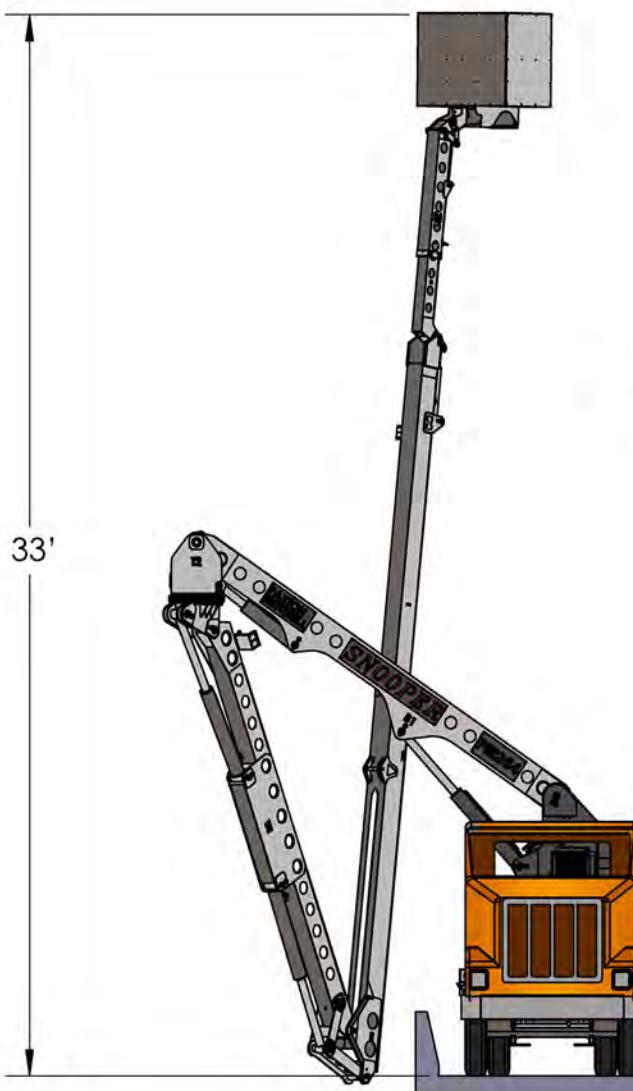
► Third Boom

The third boom hydraulically telescopes from 21' to 31' pin to pin.

► Fourth Boom

The fourth boom or basket boom telescopes from 6'-5" to 9'. The Snooper PM 244 is available in Basket (600 lbs. load capacity).





► Vertical Reach UP

“All dimensions and specifications are subject to change pending final design” and “We reserve the right to modify the specifications described herein without notification.”

► The Snooper Series 244 requires only 8', less than one traffic lane.

► 360 degree first turret rotation allowing operation from either side of the truck.

► All Paxton-Mitchell Co., LLC SNOOPER® Series Cranes PM 244 manufactured effective 12/10/2019 are compliant with ANSI A92.20-2018 standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper PM 254

► First Boom

The first boom provides a minimum of 18'-6" (19') in length.

► Second Boom

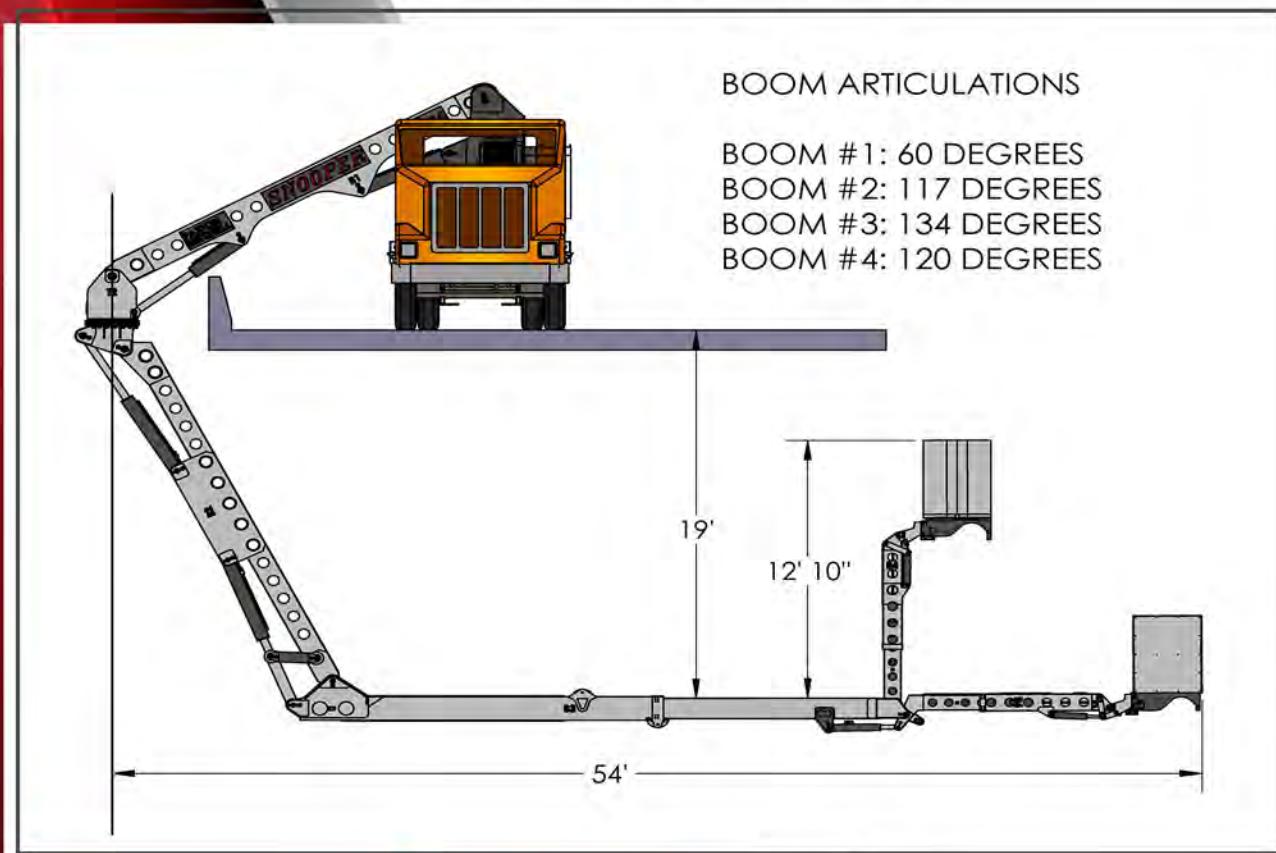
The second boom provides a minimum of 18'-6" (19') in length.

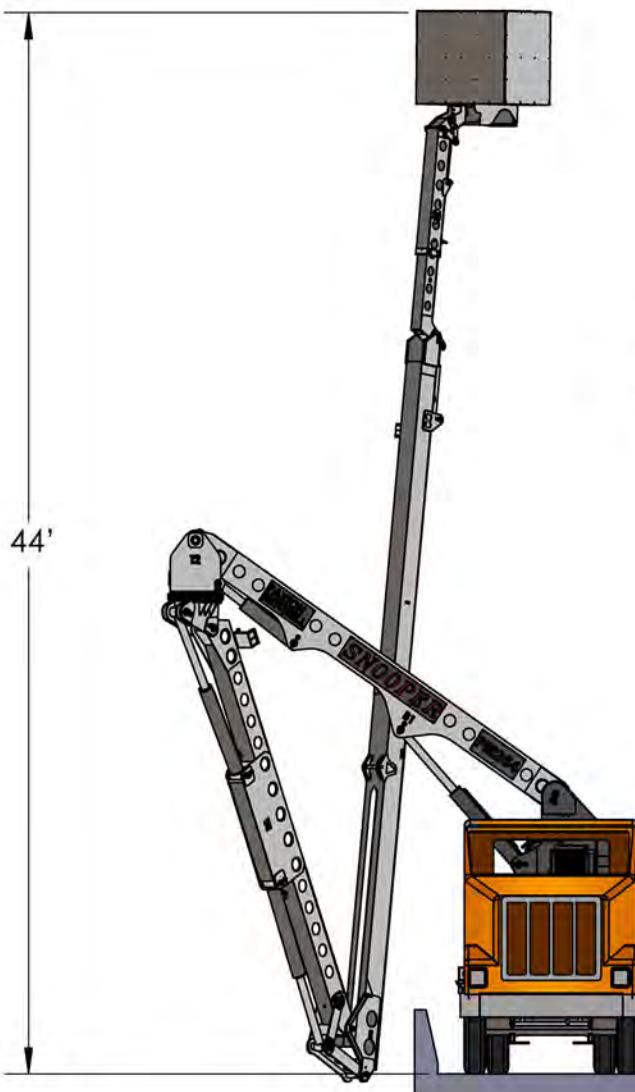
► Third Boom

The third boom hydraulically telescopes from 21' to 31' pin to pin.

► Fourth Boom

The fourth boom or basket boom telescopes from 6'-5" to 9'. The Snooper PM 254 is available in Basket (600 lbs. load capacity).





► Vertical Reach UP

“All dimensions and specifications are subject to change pending final design” and “We reserve the right to modify the specifications described herein without notification.”

- The Snooper Series 254 requires only 8', less than one traffic lane.
- The total vehicle weight is approximately 77,200 lbs.
- 360 degree first turret rotation allowing operation from either side of the truck.
- All Paxton-Mitchell Co., LLC SNOOPER® Series Cranes PM 254 manufactured effective 12/10/2019 are compliant with ANSI A92.20-2018 standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper PM 264

► First Boom

The first boom provides a minimum of 18'-6" (19') in length.

► Second Boom

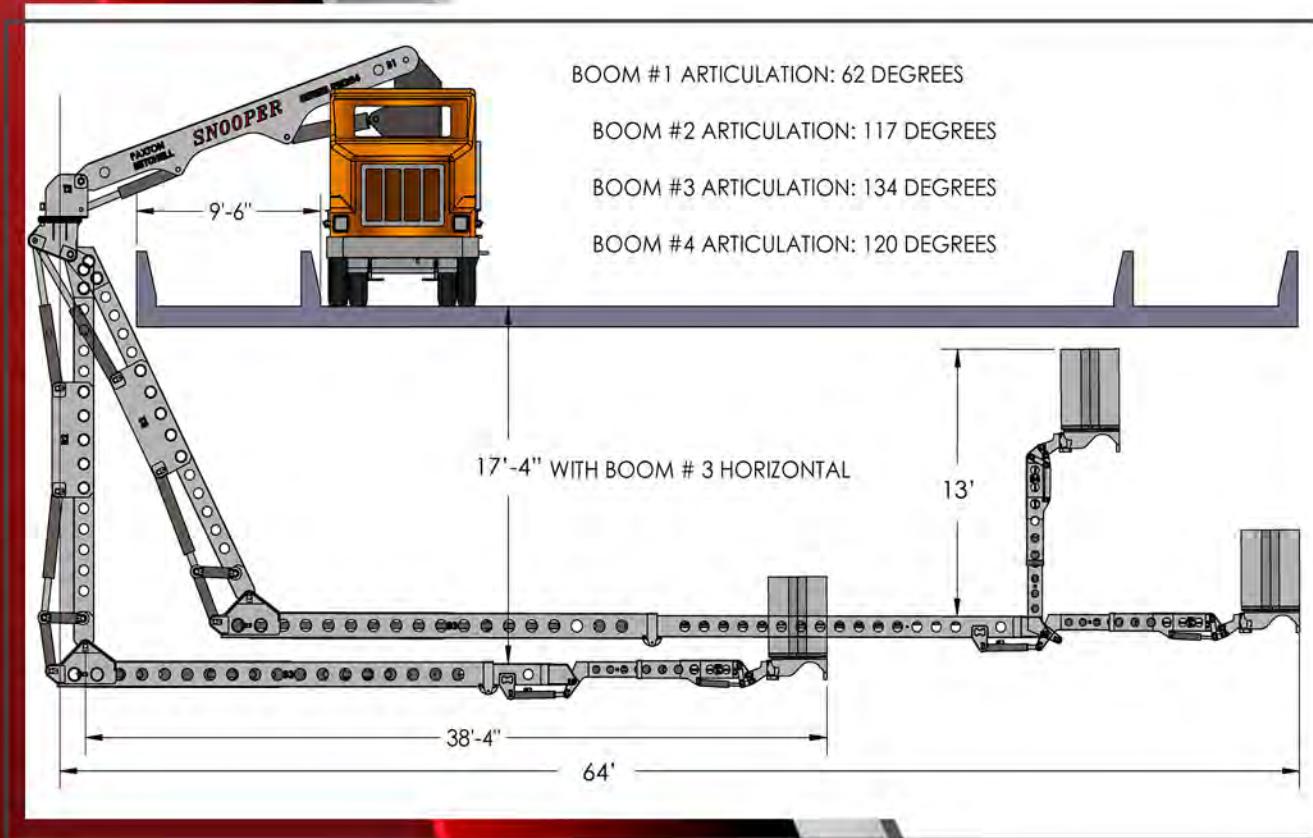
The second boom provides a minimum of 18'-6" (19') in length.

► Third Boom

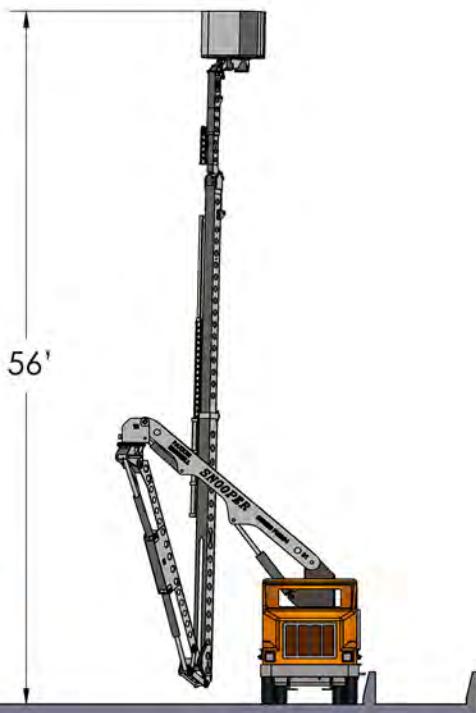
The third boom hydraulically telescopes from 25' to 41' pin to pin.

► Fourth Boom

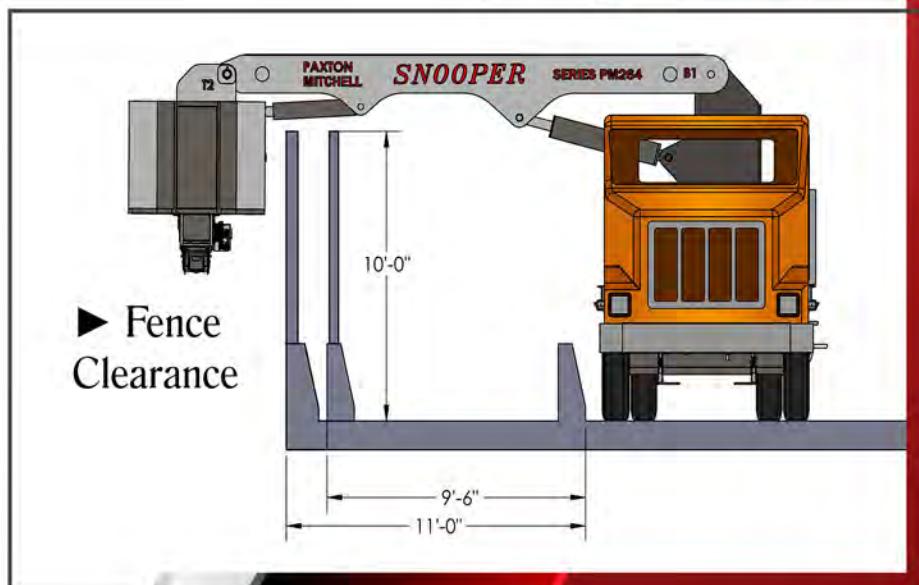
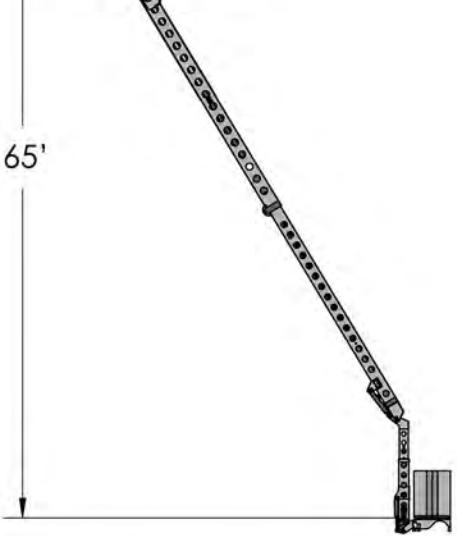
The fourth boom or basket boom telescopes from 6'-5" to 9'. The Snooper PM 264 is available in Basket (600 lbs. load capacity).



► Vertical Reach Up



► Vertical Reach Down



All dimensions and specifications are subject to change pending final design and "We reserve the right to modify the specifications described herein without notification."

► The Snooper Series 264 requires only 8', less than one traffic lane.

► The total vehicle weight is approximately 77,200 lbs.

► 360 degree first turret rotation allowing operation from either side of the truck.

► All Paxton-Mitchell Co., LLC SNOOPER® Series Cranes PM 264 manufactured effective 12/10/2019 are compliant with ANSI A92.20-2018 standards for Vehicle-Mounted Bridge Inspection and Maintenance Devices.

Snooper Truck Parts

Must Supply Snooper Serial Number, Truck VIN Number, and Item Part Number (If Available)



Stabilizer Wheel (Suggest to buy together with New Pin).
Fits: Series 140, Series 240, Series 260.
Must Supply Location.



Pins and Bushings. Machine Specific.
Must Supply Location.



Hydraulic Cylinder Seal Kits.
Machine Specific.
Must Supply Location.



Telescoping Boom 2, 3 & 4 Wear Pads.
Fits: Series 140, Series 240, Series 260.



Valve Drive Control Board.
Fits: Series 140, Series 230, Series 240, Series 260.



Emergency Stop Push Button
Machine Specific.



Control Cables.
Machine Specific.



Toggle Switches.
Fits all Paxton-Mitchell Snooper Trucks.



Encoders, Controllers and Level Sensors.
Fits all Paxton-Mitchell Snooper Trucks.



Limit Switches.
Fits all Paxton-Mitchell Snooper Trucks.



Relays.
Fits all Paxton-Mitchell Snooper Trucks. Specific.

Snooper Truck Services

Annual or yearly inspections are an important and required function. Consists of an operational, visual, and somewhat mechanic inspection of the vehicle-mounted unit without having to disassemble it. This is done on an annual basis in addition to daily, weekly, monthly, three-month, and 6-month maintenance as outlined in the Paxton-Mitchell Snooper Truck owner's manual.

Under ANSI Regulation A92.22-2018, inspections are performed using a checklist created by the manufacturer. These records must be retained. Bolts must be torqued to specification. Pins, bushings, hydraulic lines, and electrical circuits must be checked. The booms are looked over and checked for cracks in the welds.

Complete Refurbishment. A complete refurbishment can only be performed during a disassembly and inspection and involves upgrading the Paxton-Mitchell Snooper Truck to conform to the latest ANSI standard.

2,000-hour / 4-year Disassembly and Inspection*.

The 2,000-hour / 4-year disassembly and inspection involves disassembly of the Snooper Truck unit for a deeper more detailed inspection of all the major Snooper components. At this time all grade 8 structural bolts are replaced and torqued to proper specifications. All pins, bushings, wear pads, are measured for wear and replaced as needed. All hydraulic cylinders and lock valves are pressure tested for integrity and replaced or serviced as needed.

*The 2,000-hour inspection applies to all new units built beginning 2019. All previous Snoopers should be disassembled and inspected at the 1,000-hour or 4-year interval.

Paxton-Mitchell Snooper Truck Equipment Operation Training Course



Approved
Training Centre

AMP Sales & Services, LLC is now offering a 2-Day Training Course for Underbridge Access Equipment Operation in compliance with the new ANSI/SAIA A92.24-2018 Training Requirements.

Classroom Theory Training

- Thorough understanding of the intended purpose of bucket controls
- Applicable regulation, standards, safety rules and more...

Hands-On Training at our On-Site Test Bridge

- Basic bucket operation
- Safe operating procedures

Safe controlled Test Bridge

There is no traffic control nor lane closures while you are learning about your UBIU at our facility. Our facility is fully insured and on our private property designed to provide the safest training experience.

The new ANSI A92 Suite of Standards will become effective December 10th, 2019.

Paxton-Mitchell Co., LLC has partnered with AMP Sales and Services, LLC to provide Operational and Safety Training for all Paxton-Mitchell Snooper Trucks.

The course includes Fall Protection.

Upon passing the written test and hands-on course, not only will your Underbridge Access Operators comply with the new ANSI A92 Suite of Standards, but they will also earn their PAL (Powered Access License) CARD. The PAL Card is valid for five years.

*Scan QR Code
for more information!*



Scan me

Company Directory

Mark Pfeffer
GENERAL MANAGER
1 + (402) 426-3131 Ext. 403
mpfeffer@paxton-mitchell.com

Joe Craig
SENIOR ENGINEER
1 + (402) 426-3131 Ext. 404
jcraig@paxton-mitchell.com

Jared Evers
MECHANICAL
DESIGN/PROJECT
ENGINEER
1 + (402) 426-3131 Ext. 406
jevers@paxton-mitchell.com

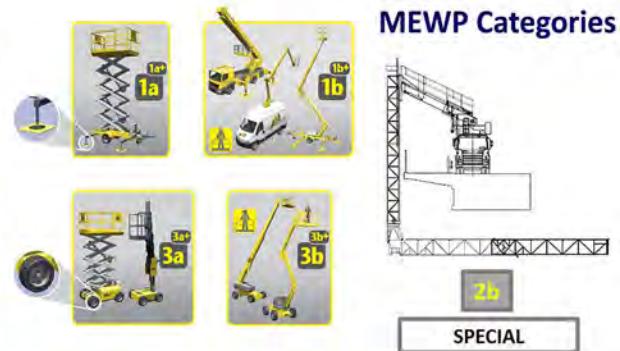
Justin Quick
FINANCIAL CONTROLLER
1 + (402) 426-3131 Ext. 402
jquick@paxton-mitchell.com

Brandon Greer
NATIONAL SALES MANAGER
1 + (804) 258-0362
bgreer@paxton-mitchell.com

Maria Carpio
MARKETING
1 + (704) 890-1624
mcarpio@paxton-mitchell.com



Stay Compliant with
AMP Sales & Services, LLC



Certificate No. 100509
Date issued:
11/13/2018

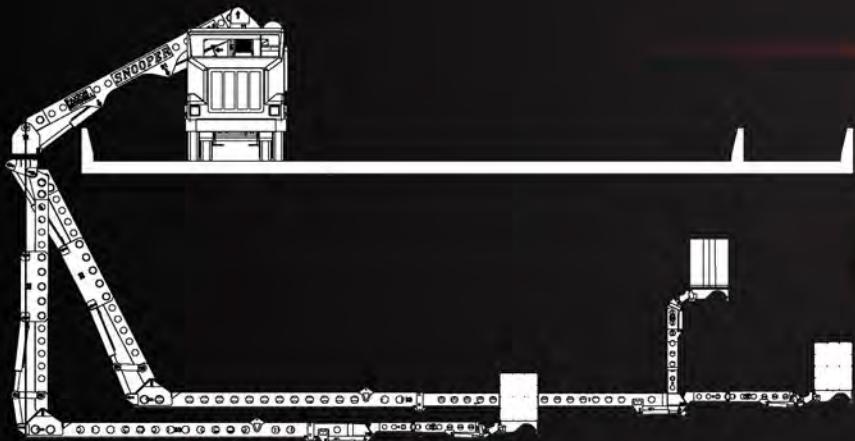
www.ampservicesllc.com

Paxton-Mitchell Snooper Truck Series 230
33ft Underbridge horizontal reach

AMP Sales & Services, LLC
740 Industrial Ave • Bedford, VA 24523
(540) 586-1021 office • info@ampservicesllc.com

Paxton-Mitchell Company, L.L.C.
108 South 12th Street
Blair, NE 68008

(402) 426-3131 office
(402) 426-3311 fax
info@paxton-mitchell.com



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