

BIG METROLOGY STANDS



MVTB

The Motorized Vertical Tooling Bar is designed for use with many types of metrology instruments. The instrument is mounted on a platform which raises and lowers along the vertical rail via a motor-driven carriage.

At its lowest point, the shelf is about 3.5 feet (1.1 m) above the ground. A ground-level, hand-held pendant controls the movement of the carriage along the vertical rail. A motor brake holds the carriage in place if power is lost.

Casters situated under the heavy-duty tribrach base allow mobility around the shop floor once the trivet "feet" are manually retracted.

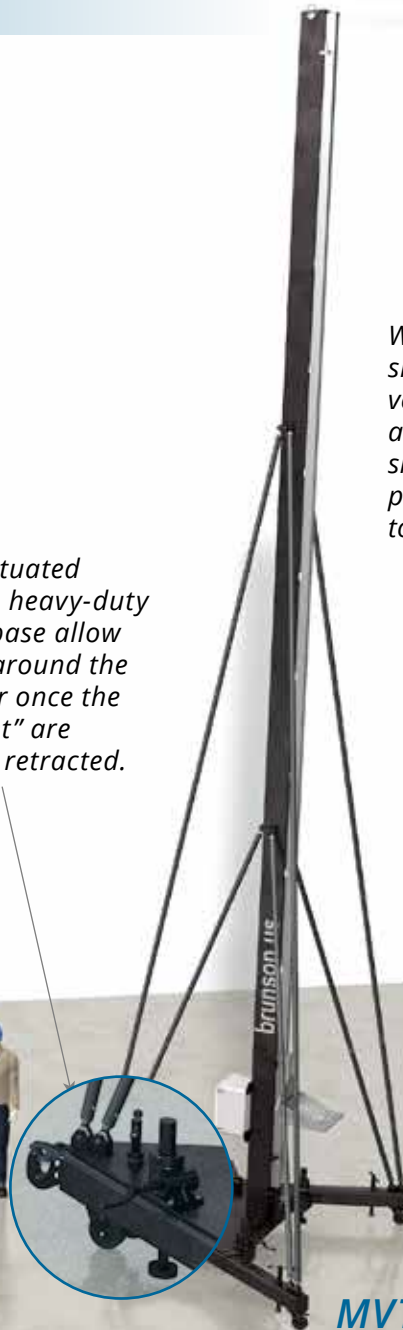
We recommend a slow-speed towing vehicle for the MVTB, although it is possible for several people to move the tooling bar manually.



MVTB-17



MVTB-25



MVTB-34



BIG METROLOGY STANDS

MVTB

Our Motorized Vertical Tooling Bars, the MVTB Series, give you the ability to position your instrument easily at any point within a wide vertical range.



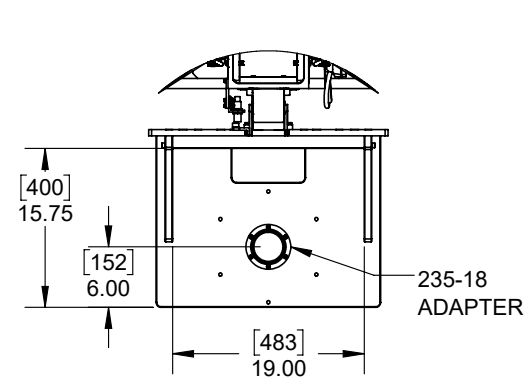
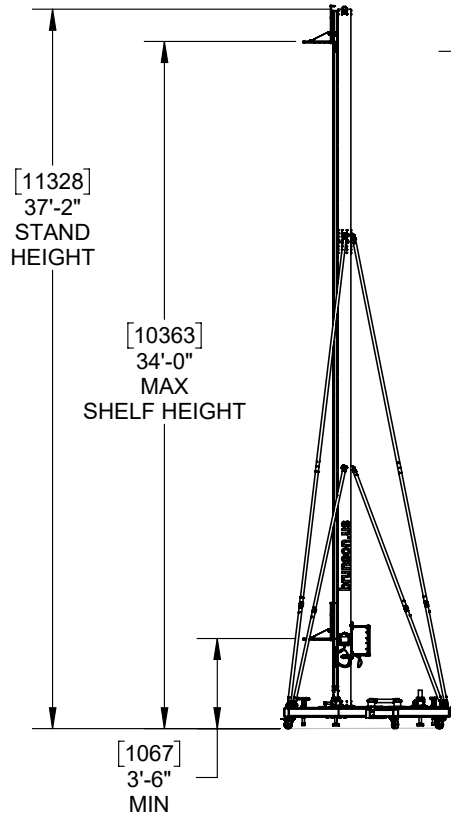
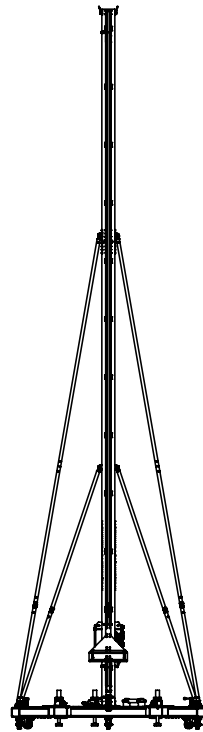
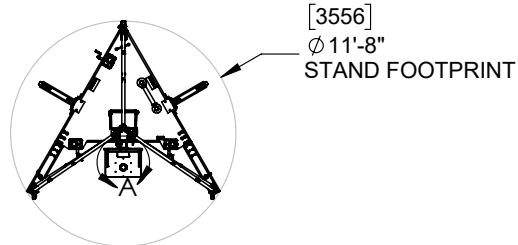
BIG METROLOGY STANDS

The MVTB Series

MVTB assembly must be completed at your location; it is not a trivial process.

While many of our customers are capable of assembling an MVTB, qualified Brunson factory technicians are available to assemble the stand at your location for an additional cost.

Contact
sales@brunson.us
for pricing.



SHELF DETAIL A
SCALE 1 : 16



STAND BASE
DETAIL B
SCALE 1 : 50

DIMENSIONS:

INCH X.XX
MM [X.XX]
REFERENCE (X.XX)

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Brunson Instrument Company
8000 E. 23rd Street
Kansas City, MO 64129

Fax: 816-241-1945
Email: Sales@Brunson.us

TITLE: 34' MOTORIZED VERTICAL TOOLING BAR (MVTB)

WEIGHT (ESTIMATED)

3390 LBS

SIZE

A

DATE: 1/7/2020

SCALE: 1:100

MVTB

Operating Range



*Fast-adjustment,
dynamic ranges.*



MVTB-17

MVTB-25

MVTB-34

The load capacity for each MVTB is 225 lbs.

BIG METROLOGY STANDS

232-SP

Brunson's 232-SP Series provides a stable metrology platform in three adjustable-height configurations.

PRO-TIP:

While the MVTB Series (pages 3-6) provides a motorized instrument carriage and a much wider operating range, the 232-SP Series offers a simpler, lower-cost option for placing an instrument up high.



BIG METROLOGY STANDS

232-SP

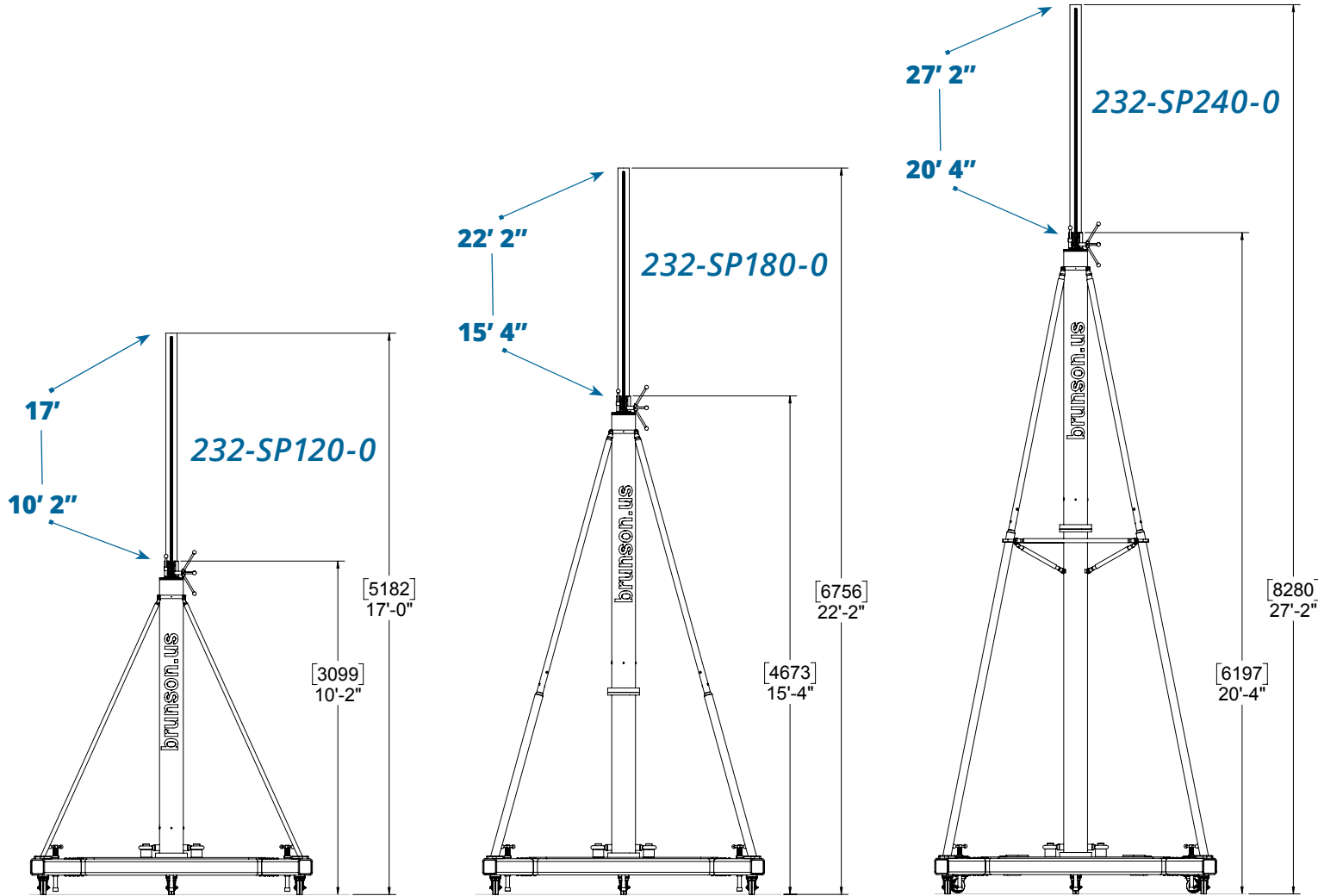
The pinion gear raises and lowers the intermediate tube and is controlled by a four-spoke handle, providing sufficient leverage to safely and precisely raise and lower your instrument.

Instruments are typically mounted on the 232-SP stands from scaffolding or via a man-lift. The height required for the shot is then set manually.



BIG METROLOGY STANDS

The 232-SP Series - Dynamic Operating Range



Contact
sales@brunson.us
 for pricing.

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Brunson Instrument Company
 8000 E. 23rd Street
 Kansas City, MO 64129

Fax: 816-241-1945
 Email: Sales@Brunson.us

TITLE: 232-SP SERIES

MATERIAL: 232-SP HEAVY DUTY STAND

WEIGHT (ESTIMATED)

DATE:

SIZE
A

The 232

Heavy Duty Stand

The main post on Brunson's 232 stand (right) and 232-SP Series (pages 7-9) is seamless steel tubing with a clamping collar on the upper end.

Air trapped inside this tube by the air-check mechanism **prevents rapid descent of the instrument** if both the ratchet pawl and clamping lever are released at the same time. This feature helps to protect against accidental damage to critical metrology instrumentation.

*Protecting your
precision
instruments.*



A four-spoke handle raises and lowers the inner tube, providing sufficient leverage for safe operation.

Brunson stand adapters, lifts and various instrument mounts fit on top of the 232.

BIG METROLOGY STANDS

The 232 Heavy Duty

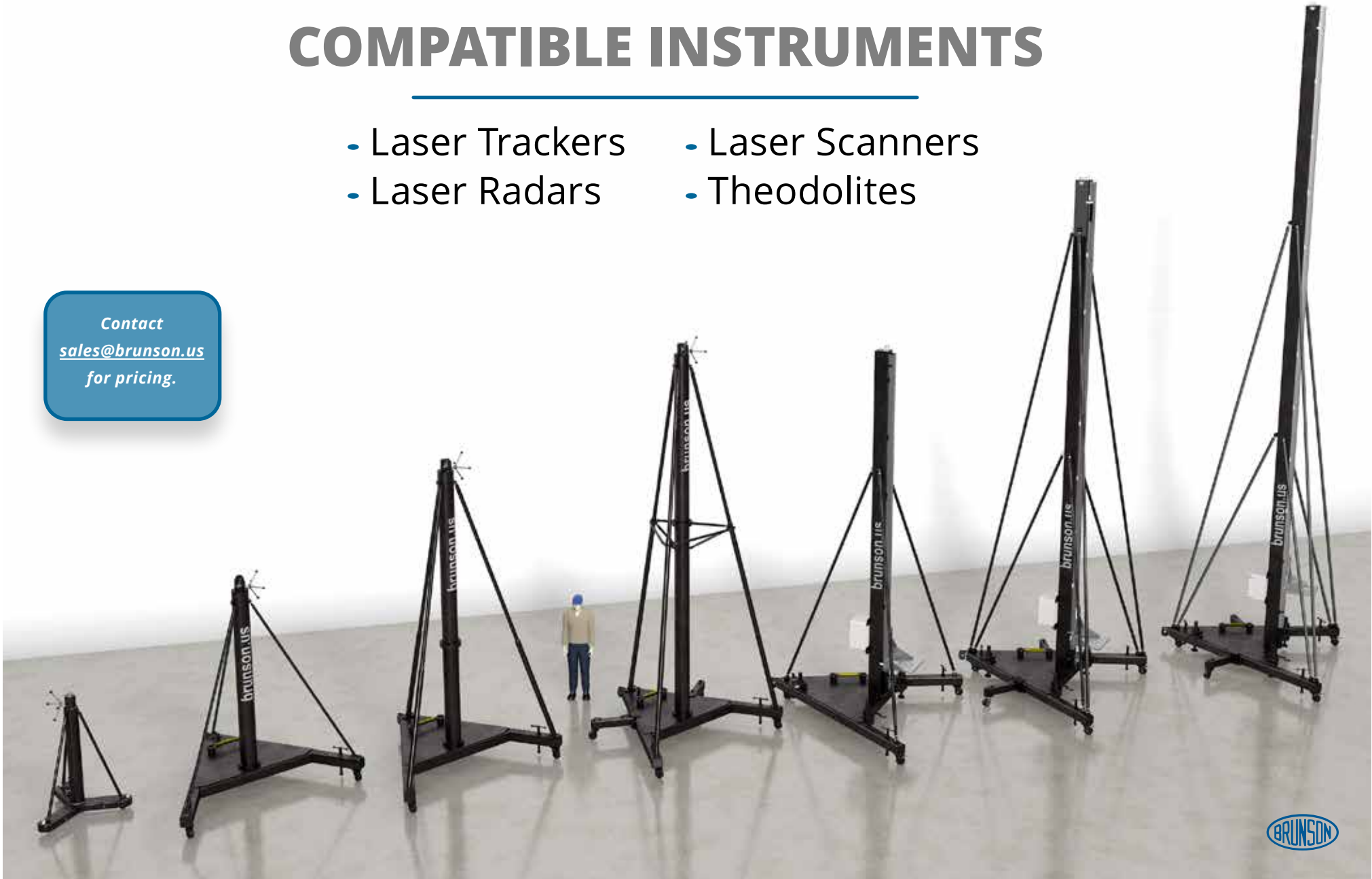
The 232-SP Series

The MVTB Series

COMPATIBLE INSTRUMENTS

- Laser Trackers
- Laser Radars
- Laser Scanners
- Theodolites

Contact
sales@brunson.us
for pricing.



“We count on Brunson tall stands to help us safely and precisely measure large objects from great heights.”

--Aerospace Metrologist



Helping the World Measure

Brunson.us

877-632-7873

Contact Us

***When your metrology practice
demands precision measurement
of large objects from a great height.***

