BRIDGING TECHNOLOGY
The Manfrotto video solution combines ergonomics and exclusive design with professional performances for extra smooth shooting control.

Cross over to the new dimension of film making.
Bridging Technology, an exclusive Manfrotto patent.

The perfect synthesis between an innovative “bridge architecture” and Manfrotto’s cutting edge engineering:

Bridging Technology, an exclusive Manfrotto patent.
Video industry technology has radically changed over the past few years, introducing even lighter and more compact cameras. The latest cameras have created a new way of filming, where one person is often able to do the job on their own while a few years ago a full crew was required.

**The video industry is crossing over to a new dimension!**
Manfrotto, a market leader in the light video camera and photographic supports, is launching a new family of video systems developed specifically for the latest camcorders, 3D rigs and the new generation V-DSLR. The ergonomic and technical characteristics make these systems the perfect support for the “new” video industry.

**NEW BRIDGING SYSTEMS**
Manfrotto is proud to introduce the “500” series with an invitation to “cross over” to the new dimension of film making. This family is the result of an important technical evolution the perfect synthesis between an innovative “bridge architecture” and Manfrotto’s cutting edge engineering: Bridging Technology, an exclusive Manfrotto patent. A new platform leading the videographer and photographer to even better results with today’s high-definition cameras.
UNIQUE FEATURES
FOR UNIQUE FOOTAGE

1. PAN fluid drag system for a more ergonomic operation
2. Easy Link Connectors for a more flexible accessory attachment
3. Wider top plate and longer sliding plate for extra stability and balance when using video or photo equipment
4. An even more rigid structure for maximum precision and improved responsiveness
5. Counterbalance system ensures quick set-up and optimal performance
6. Ball-bearing drag system for precise, smooth movements
7. Lightweight modern materials for optimum balance of strength and size
8. ABR (Advanced Balancing Recorder) for precision when fixing equipment, ensuring a perfect position, saving time and making this operation much more efficient, accurate and fast.
<table>
<thead>
<tr>
<th></th>
<th>MVH502AH</th>
<th>MVH502A</th>
<th>504HD</th>
<th>509HD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fluidity PAN &amp; TILT</strong></td>
<td>Variable Fluid Cartridge</td>
<td>Variable Fluid Cartridge</td>
<td>Variable Fluid Cartridge</td>
<td>Variable Fluid Cartridge</td>
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<tr>
<td><strong>Counterbalance System</strong></td>
<td>fixed</td>
<td>fixed</td>
<td>4 steps</td>
<td>4 steps</td>
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<tr>
<td></td>
<td>4kg - 8.8lb</td>
<td>4kg - 8.8lb</td>
<td>7.5kg - 16.5lb</td>
<td>13kg - 28.8lb</td>
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<tr>
<td><strong>Flat base</strong></td>
<td>Flat base with 3/8&quot; female attachment</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Leveling bowl</strong></td>
<td>Ø 75mm</td>
<td>Ø 75mm</td>
<td>Ø 100mm</td>
<td></td>
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<tr>
<td><strong>ABR (Advanced Balancing Recorder)</strong></td>
<td>N.A.</td>
<td>N.A.</td>
<td>N.A.</td>
<td>Available</td>
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<tr>
<td><strong>Maximum load capacity</strong></td>
<td>4kg - 8.8lb</td>
<td>4kg - 8.8lb</td>
<td>7.5kg - 16.5lb</td>
<td>13kg - 28.8lb</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.6kg - 3.6lb</td>
<td>1.8kg - 4lb</td>
<td>2.9kg - 6.4lb</td>
<td>3.9kg - 8.6lb</td>
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<tr>
<td><strong>Head height</strong></td>
<td>13cm - 5.1in</td>
<td>15cm - 5.9in</td>
<td>15.5cm - 6in</td>
<td>18cm - 7in</td>
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<tr>
<td><strong>Sliding Plate</strong></td>
<td>Long</td>
<td>Long</td>
<td>Long</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>140mm - 5.5in</td>
<td>(140mm - 5.5in)</td>
<td>(140mm - 5.5in)</td>
<td>(140mm - 5.5in)</td>
</tr>
<tr>
<td><strong>Easy Link Connectors</strong></td>
<td>Available x 2</td>
<td>Available x 2</td>
<td>Available x 2</td>
<td>Available x 2</td>
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<tr>
<td><strong>Leveling Bubble</strong></td>
<td>Available</td>
<td>Available</td>
<td>Available (illuminated)</td>
<td>Available (illuminated)</td>
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<tr>
<td><strong>Material</strong></td>
<td>Magnesium</td>
<td>Magnesium</td>
<td>Magnesium</td>
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</table>

**KEY TO SYMBOLS**

- **Magnesium**
- **Carbon Fiber**
- **Aluminum**
TELESCOPIC -TWIN LEG SYSTEM

This new lightweight video tripod brings an innovative elliptic telescopic twin leg to the video market. Thanks to the twin section, the tripod is more compact and more stable. The system comes supplied with a carry bag.

1. **TELESCOPIC LEG**
   Made of elliptic aluminum tubes, our new telescopic leg is the product of extensive research into lightweight applications; it allows the tripod to be extra stable.

2. **NEW “LIGHTWEIGHT GEOMETRY”**
   New innovative design reduces the weight of the system without any loss in performance.

3. **COMPACT**
   The two-stage telescopic legs reduce the size of the tripod when folded.

4. **RUBBER STRAP**
   For easier and safer transportation.

5. **MIDDLE SPREADER**
   Thanks to the improved clamping mechanism, the new higher spreader allows the tripod to be set up faster and easier.

6. **LEVELING SYSTEM**
   The 75 mm bowl guarantees the perfect position can be achieved at any angle between -15° and +15°.

7. **LEG LOCK LEVERS**
   New leg locking system with ergonomic levers enables the easy locking of the elliptic telescopic tubing in any position.
TELESCOPIC-TWIN LEG TRIPOD MVT502AM

Two-stages telescopic-twin leg tripod for lightweight applications. Made of aluminum elliptic tubes, able to carry up to 15kg (33.3lb). The MVT502AM features a 75mm bowl, perfectly matching with middle range Manfrotto Video Heads. The new innovative design gives to the tripod the perfect balance between performance and weight. Fixed middle spreader for higher rigidity and faster set up operations. Rubber strap for safer and easier transportation. Higher grip, thanks to the new soft rubber feet.

Included mid spreader  Yes
Included ground spreader  No
Included spike foot shoes  No

TECHNICAL SPECIFICATIONS MVT502AM

| Head attachment | 75mm bowl | Leg angle setting | Not setting | Included mid spreader | Yes |
| Leveling bubble | No | Leg angle | 19° | Included ground spreader | No |
| Locking type | Lever locks | Leg type | twin leg | Included spike foot shoes | No |

| Leg angle | twin leg | Included mid spreader | Yes |
| Number of stages | 2 | Included bowl adaptor | 60 mm bowl |

<table>
<thead>
<tr>
<th>Weight</th>
<th>Length</th>
<th>Height</th>
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<tbody>
<tr>
<td>15kg</td>
<td>61.5cm</td>
<td>143.5cm</td>
</tr>
<tr>
<td>1.99kg</td>
<td>22.4in</td>
<td>56.5in</td>
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</table>

MVH502A SYSTEM

MVK502AM

<table>
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<tr>
<th>Weight</th>
<th>Length</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>4kg</td>
<td>70.5cm</td>
<td>156cm</td>
</tr>
<tr>
<td>3.8kg</td>
<td>27.7in</td>
<td>61.4in</td>
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</table>
The priority of our new systems is to provide a complete package for video support. Our new twin leg tripods are an ideal combination for the Bridging heads and are available in two versions: with a mid-level spreader or with a ground level spreader.

1. **LEVELING SYSTEM**
The head leveling system is built around a 100mm and 75mm bowl which guarantees perfect stability at any angle.

2. **LEG LOCK LEVERS**
Our new leg lock levers have been designed to improve ergonomics and speed up deployment and adjustment. Optimum performance for tripod payloads up to 25kg/55.1lb.

3. **LOCKING COLLAR POWER ADJUSTMENT**
Another detail of the care that goes in to ensuring your Manfrotto tripod will outlast the competition: the screws behind all the collars on each leg allow you to adjust the overall locking power throughout the tripod’s life, so even after years of heavy use, it can be as sturdy and reliable as the day you got it.

4. **TELESCOPIC SPREADER**
Important improvements have been made to the mid-level spreader, which is now re-engineered and more robust, guaranteeing a flexible link between the spreader and tripod leg. A ground telescopic spreader is also available.

5. **GRIP**
Perfect grip on any terrain thanks to the spiked feet with removable rubber shoes (545 and 546 series).
SINGLE CARBON LEG SYSTEMS

Simple words for an exceptionally flexible Manfrotto system. The combination of the head family with a single-leg carbon fiber tripod offers the ultimate in lightweight support, with a resistance to torsion that even outperforms twin-leg aluminum tripods. Not forgetting the incredible min-max height range this design allows: from 40cm (15.7in) to 217.5cm (85.6in), all from a single system. Ideal for new DSLR-Video cameras.
The skills of the world's best photographers and video operators are brought together by Manfrotto in an innovative on-line platform.

Featuring:
Harry De Zlitter,
Bill Frakes,
Joe McNally,
Drew Gardner,
Roberto Bigano,
Ami Elsius,
Marc de Tollenaere,
Kristoff Ramon,
David Duchemin,
Miko Marchetti,
Uri Golman,
Adam Barker,
Kazuyuki Okajima and many others.

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