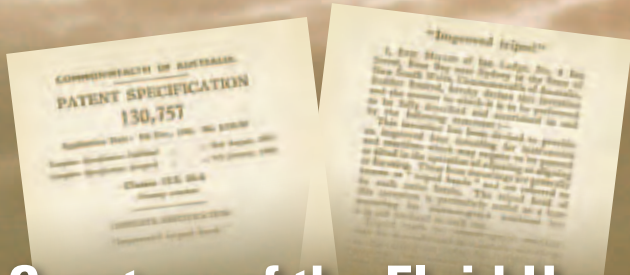


# MILLER



[www.millertripods.com](http://www.millertripods.com)

# Welcome to the Miller Camera Support Equipment Product Catalogue



## Creators of the Fluid Head

Company founder, Eric Miller invented and took out a patent in 1946 for the world's first fluid action tripod head. Prior to Eric Miller's invention camera operators were saddled with bulky and expensive gear driven assemblies. Pan shots were inhibited and diagonal moves impossible. The Miller fluid head revolutionized film-making by giving operators the freedom to shoot more creatively and more economically with reduced production costs through savings on film stock that previously ended up on the cutting room floor. Miller can proudly lay claim to the title of leader and innovator in the field of contemporary camera support.

Our objective over time has remained, to continually advance the design of pan and tilt heads and tripods to meet the evolving quality and environmental demands of cinematographers, news camera operators and event videographers.

### Everyday, Everywhere.

Miller Camera Support products have been used continually by the world's leading camera operators for over 50 years. From 16mm film, through the analogue ENG revolution to digital and High Definition technology, Miller has always led by designing support products based on innovation, workmanship and reliability. Producing weather resistant, lightweight support systems that withstand continuous use. Miller products are functional and easy to operate - even in extreme temperatures or harsh environments.

The results speak for themselves with Miller tripods used for electronic news gathering (ENG) in the world's leading networks in over 65 countries. Miller Camera Support Equipment also features in the corporate, educational and government sectors providing professional solutions.

Miller is part of the ever-changing camera revolution ensuring up-and-coming videographers achieve professional quality results, enhancing their images with smooth and stable camera support.

### Innovation

Miller's fluid drag systems have developed from fluid immersion to today's fully sealed fluid modules that provide variable and repeatable drag settings.

Designed specifically for news gathering the Sprinter II range of tripods incorporates a patented rapid deployment leg lock

system providing individual leg stage adjustment, achieving set ups in just seconds. The innovative Miller Solo tripod range offers outstanding height range and compactness for camera operators in challenging situations. The new range of Compass Fluid heads with its award winning design is the latest example of the company's development program to match camera technologies and innovations.

### Workmanship at Miller, a point of excellence

All Miller products incorporate our commitment to quality. Produced in our Australian factory using the world's best high performance CNC machines matched with precision tolerance testing in our advanced QA department.

Miller's fully integrated manufacturing facility ensures total control of its products from beginning to end. High manufacturing standards achieve components with super fine tolerance ranges that ensure each product is built to the highest standards. The use of corrosion-resistant alloys, high-strength impact absorbing polymers and dust-proof moisture resistant housings combine with sleek functional exterior design to produce an outstanding product.

### Reliability at Miller

Reliable camera support is crucial, particularly when working in remote and difficult conditions. With over 50 years of listening to feedback from camera operators, Miller has a well earned reputation for reliability. Backed by an extended 3 year guarantee on its complete fluid head, tripod and accessory range, Miller has service centres in all major geographical areas. In addition Miller offers online advice through [www.millertripods.com](http://www.millertripods.com) - this can assist with choosing matching products for your camera, service centre locations, operational manuals and other technical information. It also contains field reports from many Miller users often operating in the world's most challenging conditions.

### Stay In Tune with Miller

Want to keep up with all the latest developments at Miller. In 2010 Miller launched its social network and you can now follow us on Twitter, Facebook or LinkedIn – just search for "millertripods" on your favourite network or visit the Miller website for direct links to our social feeds.

We also launched our own YouTube Channel which can be found through the Miller website or alternatively go to [www.millertripods.tv](http://www.millertripods.tv) which features an inside look into the factory in Australia and other behind the scenes and reports from cinematographers in the field.





## Tripods: a vital stable base for overall performance

Just as the fluid head is a vital part of a camera's overall performance so too is the tripod. Without a rigid tripod providing a stable base the performance of the other components can be compromised. Miller tripods are constructed to exacting tolerances from high quality lightweight carbon fibre or precision alloy tubing. These combined elements provide rigidity and stability across the complete range of Miller's ENG/EFP tripods, even on the heaviest pans. Miller's DV range of Solo and Toggle tripods also stand out for their rigidity and stability. No matter what size the camera is, tripod performance cannot be compromised for professional images.

Innovation in tripod design is showcased with the Solo and Sprinter

II tripod ranges, a point of excellence that provides a major differentiation to other manufacturers. The Solo range is a great example of this, taking versatility and portability to a new plateau - no other tripod matches the performance of the Solo tripod.

The patented Sprinter II rapid deployment leg adjustment system is designed for operators who require speed of setup without compromising the flexibility of independent stage leg adjustment. It is ideally suited to the fast pace of newsgathering. By placing independent leg stage lock levers adjacent to each other on the upper stage they are able to be used in unison or independently without the need to bend down to adjust lower stages like traditional two stage tripods.

# SPRINTER II

## Speed without compromise

**Lightweight and rigid construction**  
Sprinter II is built for ENG, fast to set-up with lightweight, yet rigid construction. The increased rigidity results from bowl to leg fastening, which resists loosening and eliminates joint instability.



### Inline carry handle

Miller's unique inline carry handle is perfectly positioned to help you safely and comfortably carry your Sprinter II over long distances.



### Easily accessible, high speed dual action locks

Miller's patented Sprinter II leg locks let you set-up the tripod in seconds. The ergonomically designed leg lock levers allow room for your fingers, even with gloves, making it easier to operate the co-located side action levers.



### Rapid-action transport clips

Miller transport clips flip on and off the tripod leg in an instant for rapid set-up or transport of your Sprinter II tripod.



### Easy leg lock adjustment

Tuning your leg lock firmness is easy with one simple adjusting lock screw. Only one allen key required to fine-tune the lock performance in the field.





**No more bending down**

Quick leg height adjustment from one easy reach location. Whilst at the same time retaining full independent height control of individual leg stages due to the innovative leg lock system.



**Available in carbon fibre or alloy configurations**

2-stage tripod combinations are available in ultra-light, high strength cross linked carbon fibre or alternatively in durable, rigid alloy tubing to suit any applications.

**Fine height adjustable mid-level spreader**

Adjust the centre knob for infinite footprint adjustment. Latch and swivel spreader attachment prevents accidental damage.



**Optional Accessories:**

- Studio Dolly (480)
- Studio Dolly with Cable guards (481)
- Studio Tracker Dolly (483)
- Detachable Rubber Feet (475)
- Ground Spreader (470)
- Mid Level Spreader (993)



**Forever-Flat Rubber foot design**

Detachable feet provide stable support for your tripod on any surface. The tripod feet always remain flat upon the location surface.

**Specifications**

Cat #	1589	1580	1576
<b>Tube configuration:</b>	1 Stage	2 Stage	2 Stage
<b>Tube Material:</b>	Alloy	Alloy	Carbon
<b>Maximum Load:</b>	45kg (100 lb)	45kg (100 lb)	45kg (100 lb)
<b>Weight:</b>	3.1kg (6.8 lb)	3.5kg (7.7 lb)	2.9kg (6.3 lb)
<b>Max Height – mm:</b>	1430 (56.3 in)	1530 (60.4 in)	1530 (60.4 in)
<b>Min Height – mm:</b>	635 (25.0 in)	440 (17.3 in)	440 (17.3 in)
<b>Transport length – mm:</b>	840 (33.1 in)	700 (27.6 in)	700 (27.6 in)

# HD TRIPODS

## Heavy Duty ENG/EFP Tripods



### 100/150mm Bowl

Die-cast alloy, reinforced 100/150mm bowl design for optimum torsional rigidity and industry-standard compatibility.



### Mid Level Spreader

Adjust the centre knob for infinite footprint adjustment. Latch and swivel spreader attachment prevents accidental damage.



### Split Carry Handle

Miller's split carry handle splits apart when set up and combines for balance, safe carriage when the tripod is collapsed.



### Flip Locks

Adjustable flip locks mean quick set-up and easy maintenance. The leg locks have been designed to be impact resistant and smooth with positive clamping every time.



### Rapid-action transport clips

Miller transport clips flip on and off the tripod leg in an instant for rapid set-up or transport of your HD tripod.



### Carbon or Alloy Tubing

High Strength 24mm cross-linked carbon fibre tubing or sturdy, heavy wall, anodised alloy tubing.



### Forever-Flat Rubber foot design

Detachable feet provide stage support for your tripod on any surface. The tripod feet always remain flat upon the location surface.





*Filming in one of the driest and hottest environments on the planet, the Arrow 55 and HD tripod performed flawlessly. It was sturdy, robust and bulletproof even in the extreme +50°C desert temperatures.*

**Andy Taylor ACS**, National Geographic doco shoot:  
 "Space Travellers" Death Valley, California

**2-Stage & Single Stage**

Extended 2-Stage height range for Heavy Duty ENG; Solid, Single Stage support for EFP/Sports.

**High EFP Strength**

HD tripods are built with the strength and torsional rigidity to take the full ENG/EFP workload – extreme climates and temperatures to -40°C; Rock-solid stability for telephoto lens shooting; plus optimum payload security when supporting studio camera configurations.



**Accessories**

- Studio Dolly (480)
- Studio Dolly with cable guards (481)
- Studio Tracker Dolly (483)
- Detachable Rubber Feet (475)
- Mid Level Spreader (993)

**8 × HD Tripod Designs**

From Mini HD tripods to Studio HD tripods, there are 8 HD tripods to suit every ENG, EFP or STUDIO application.

**Specifications**

*Note: For all 150mm HD tripods, there is no split carry handle.*

Model	925	931	932	937	943	944	935	945
Type	2 Stage	Single	Studio	2 Stage	Single	Studio	Mini	Mini
Material	Carbon	Alloy	Alloy	Carbon	Alloy	Alloy	Alloy	Alloy
Bowl Dia. (mm)	100	100	100	150	150	150	100	150
Payload kg (lb)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)	95 (210)
Weight kg (lb)	4.5 (9.9)	5.20 (11.5)	4.70 (10.4)	4.60 (10.1)	5.35 (11.8)	4.80 (10.6)	4.0 (8.82)	4.2 (9.25)
Max Height mm (in)	1590 (62.6)	1575 (62.0)	1270 (50.0)	1615 (63.6)	1590 (62.6)	1280 (50.4)	960 (37.8)	970 (38.2)
Min Height mm (in)	480 (18.9)	785 (30.9)	590 (23.2)	520 (20.5)	800 (31.5)	610 (24.0)	350 (13.8)	370 (14.6)
Transport mm (in)	750 (29.5)	930 (36.6)	782 (30.8)	750 (29.5)	940 (37.0)	790 (31.1)	645 (25.4)	650 (25.6)

# SOLO ENG

## The ultimate ultra light ENG tripod



### An integrated 100mm bowl

A die cast alloy bowl offers quick levelling, optimum torsional rigidity and long term durability. Industry standard 100mm bowl suits all 100mm Miller fluid heads.



### Neoprene leg protection

Complete protection for tripod tubing when packed down. Excellent grip while carrying or setting up.



### Air Cell Super Comfort carry strap

Miller's detachable Air Cell (patented) shoulder strap offers easy and comfortable carriage.



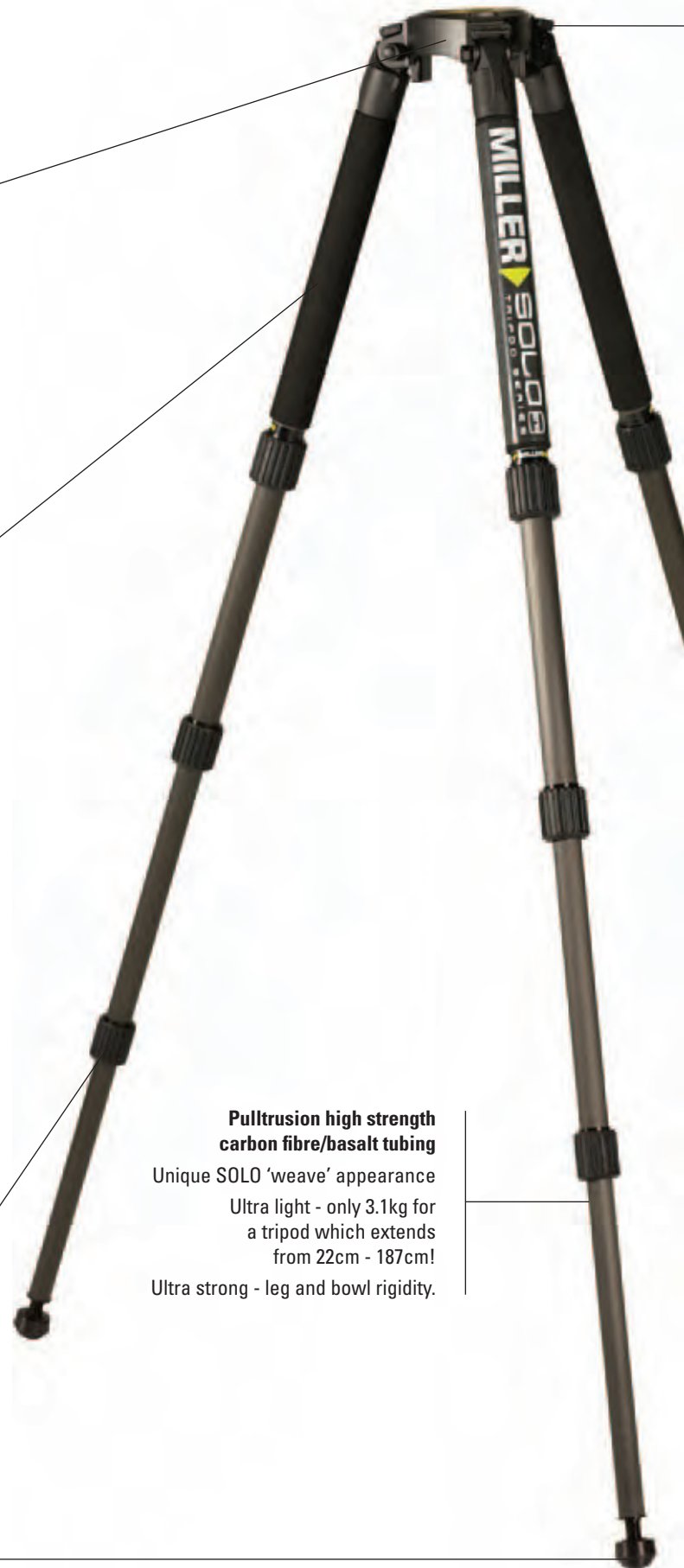
### Concentric self adjusting locks

No protruding lock components. ChanneLok tubing so you can tighten lock with one hand.



### Spike or wind down rubber feet

For all surfaces the Solo ENG tripod can be adapted to suit all terrains by winding up the rubber feet to reveal spikes.



### Pulltrusion high strength carbon fibre/basalt tubing

Unique SOLO 'weave' appearance

Ultra light - only 3.1kg for a tripod which extends from 22cm - 187cm!

Ultra strong - leg and bowl rigidity.

### Three Leg Angle Locks eliminate the need for a spreader

The 3-position leg angle locks take SOLO down to a ground-hugging 22cm (8.7 in) - with absolute stability. The leg angle locks eliminate the need for a spreader increasing operational reliability – a boost for the city rigours of ENG or the extremes of location production.



### Lean

The world's most advanced pulltrusion carbon fibre/basalt tubing means SOLO ENG gives you a solid operating height up to 187cm (74 in) in a lean and light design. In addition to the sleek 3-Stage telescoping design, Miller has eliminated the need for a spreader with an innovative leg angle control that incorporates a safety lock to ensure safe and easy setting of the tripod.



### Light

Carbon fibre/basalt tubing, high strength magnesium and die cast alloy components provide the ultimate in ultra light yet rigid bowl attachment for the SOLO ENG tripod series. The SOLO design manages to keep the bowl-to-head connection absolutely stable while keeping the tripod weight and size to an absolute minimum.



### Low

You will not need Baby Legs or a Mini tripod with SOLO ENG. With a low height setting down to 22cm (8.7 in), no spreader and easy ball levelling, you are guaranteed of superbly stable images from any angle across any terrain.



### Specifications

<b>Tripod Series:</b>	Solo (1505)	<b>Maximum Height:</b>	1870 mm (73.6 in)
<b>Bowl Diameter:</b>	100 mm (3.9 in)	<b>Minimum Height:</b>	220 mm (8.7 in)
<b>Weight:</b>	3.1 kg (6.8 lb)	<b>Transport Length:</b>	658 mm (25.9 in)
<b>Payload Capacity:</b>	30 kg (66 lb)	<b>Tube Type:</b>	Carbon Fibre
<b>Lock Type:</b>	Concentric	<b>Construction:</b>	3-Stage

# SOLO DV

**Lean, Light, Low for DV on the go!**



### **An integrated 75mm bowl**

A die cast alloy bowl offers quick levelling, optimum torsional rigidity and long term durability. Industry standard 75mm bowl suits all 75mm Miller fluid heads.



### **Neoprene leg protection**

Complete protection for tripod tubing when packed down. Excellent grip while carrying or setting up the tripod in extreme weather climates.



### **Air Cell Super Comfort carry strap and weatherproof carry case**

Miller's detachable Air Cell (patented) shoulder strap offers easy and comfortable carriage, while the impact proof softcase satisfies all transport needs.



### **Concentric self adjusting locks**

No protruding lock components are essential for DV tripods where they receive rough treatment on location. Channel-Lok tubing so you can tighten lock with one hand.



### **Spike or wind down rubber feet**

For all surfaces the Solo DV tripod can be adapted to suit all terrains by winding up the rubber feet to reveal spikes.



### Three Leg Angle Locks eliminate the need for a spreader

The 3-position leg angle locks take SOLO down to a ground-hugging 23cm (9.2 in) - with absolute stability. The leg angle locks eliminate the need for a spreader increasing operational reliability – perfect for the extremes of location production.



### Lean

SOLO DV gives you a rock solid operating height up to 161cm (63in) for 2-stage models and 187cm (73.6in) for 3-stage model in a lean telescoping design.

### High strength carbon fibre/basalt tubing

Same quality as the ENG tripod range, the DV carbon fibre/basalt tubing with unique SOLO 'weave' appearance makes an ultra light field tripod – only 2.5kg for a tripod which extends from 23cm – 187cm! Ultra strong – leg and bowl rigidity.



### Light

The SOLO DV Carbon fibre/basalt or Alloy tubing, high strength magnesium and die cast alloy components provide the ultimate in ultra light yet rigid design while keeping the tripod weight and size to an absolute minimum for professional shooting.



### Low

The SOLO DV Tripod low height setting down to 23cm (9 in), without a spreader required, guarantees superb low stable images from any angle across any terrain.

## Specifications

Cat#	1630	1501	2001
Bowl Diameter	75mm	75mm	75mm
Tube Configuration	2 Stage telescopic	2 Stage telescopic	3 Stage telescopic
Tube Material	Alloy	Carbon fibre	Carbon fibre
Maximum Load kg (lb)	20 kg (44.1 lb)	20 kg (44.1 lb)	20 kg (44.1 lb)
Weight kg (lb)	2.9 kg (6.4 lb)	2.5 kg (5.5 in)	3.0 kg (6.6 lb)
Max Height mm (in)	1625 mm (64 in)	1614 mm (63.5 in)	1870 mm (73.6 in)
Min Height mm (in)	234 mm (9.2 in)	234 mm (9.2 in)	220 mm (8.7 in)
Transport Length mm (in)	700 mm (27.6 in)	694 mm (27.3 in)	658 mm (25.9 in)



The Miller Camera Support Equipment Product Catalogue provides summary details of the components and options available for Miller system packages. For more detailed product descriptions, applications and technical information, please visit [www.millertripods.com](http://www.millertripods.com)

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