



www.millertripods.com

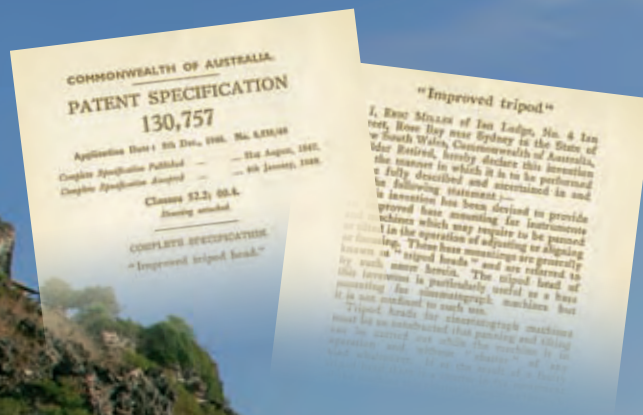


Welcome to the Miller Camera Support Equipment Product Catalogue

Creators of the Fluid Head

While others claim title to the invention no one can dispute Eric Miller's 1946 patent 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 DV revolution ensuring up-and-coming videographers achieve professional quality results, enhancing their MiniDV camcorder 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.

Recently Miller released the Sprinter II range of tripods. Incorporating 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 Arrow Fluid heads is a superb complement to our versatile range of tripods.

Quality Assurance at Miller



High performance
CNC machine

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.

When travelling you can only take one tripod so it needs to be multi-purpose, you've got to have something that does everything and the SOLO has worked perfectly for me on all ends of the spectrum, regardless what I'm shooting or what I'm shooting with. And it's taken a fair beating too I might add...

Scott Needham www.SNP5000.com Uluwatu Cave, Bali

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 - 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.



Fluid Heads, high precision functionality

Miller's fluid head range is well known for their functionality, ease of use and reliability. The new Arrow range reflects the commitment Miller applies to its products. These heads utilise high precision die cast housings, pre-treated with chromate to prevent corrosion and anti-corrosive fixings contribute to Miller fluid heads' proven reliability.

Miller's fluid module drag system is sealed to ensure consistency even in extreme temperature ranges and combined with additional modules achieves true variance in drag settings, unlike wind up drag systems. Soft take offs, smooth stops with no over runs are the hallmark of Miller's drag systems. Whether its diagonal shots, precise framing or long tight shots the operator is in total control.

To meet various payload configurations effective counterbalance systems must be utilised to allow fluid drag systems to remain neutral under specific payloads. A camera's centre of gravity (the distance between the top of the fluid head's camera platform and the camera's centre of mass), determines the requirements of a fluid head's counterbalance system - as shown on the graphs accompanying individual fluid head models. Miller's variable counterbalance systems combined with a sliding camera platform ensures a quick set up rather than time consuming turning required on wind up counterbalance systems. Changing camera configurations in the field are made simple and rebalance is achieved quickly.

Throughout, the Miller DS60 tripod system proved a steady rock in the sea of howling wind and snow. Most of the blizzard work was done on a 600mm lens and the need for a super steady platform exaggerated by this distance and wind was considerable.

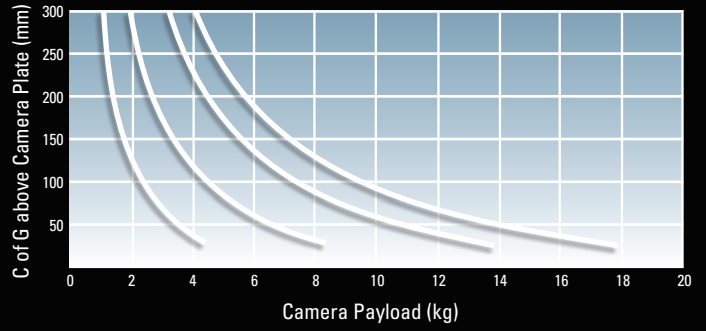
Wade Fairley Shooting in Antarctica for the BBC Planet Earth Series.



Compass 15 Fluid Head

The Compass 15 fluid head provides professional performance for the latest generation of lightweight HDV / DVCAM / XDCAM and P2HD cameras with payloads between 2-9kg. With the best pan and tilt fluid drag range in its class and combined with a selectable counterbalance system the versatile Compass 15 and its high quality construction ensures reliability in the toughest conditions.

Counterbalance Performance



Product Features



Replaceable tilt end rosette

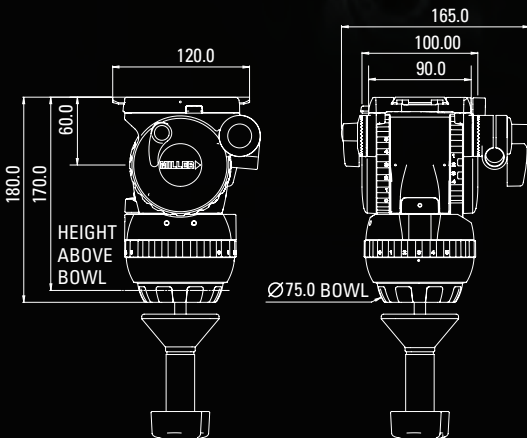
Quick release, 60mm sliding camera plate

Selectable counterbalance system for payloads between 2-9kg

Superior pan/tilt locks utilising disc brakes

Readily accessible controls and illuminated bubble level

Five selectable positions of high performance drag plus a zero position



Product Specifications

Product Cat#	1034
Product Name:	Compass 15 Fluid Head
Weight:	2.5kg (5.5lbs)
Payload Range:	2-9kgs (4-20lbs)
Pan Drag:	5 selectable fluid drag positions + zero
Pan Range:	360 degrees
Pan Lock:	Caliper disc brake system
Tilt Drag:	5 selectable fluid drag positions + zero
Tilt Angle:	+90/-75 degrees
Tilt Lock:	Caliper disc brake system
Counterbalance:	4 selectable positions
Camera Platform:	Quick release sliding camera plate with 1/4" & Pin and 1/4" and 3/8" screws
Sliding Range:	60mm
Height Above Bowl:	168mm
Mounting Base:	75mm Ball Levelling
Illuminated Controls:	Bubble level
Temperature Range:	-40°C to +65°C
Pan Handle:	Fixed length

#1831

Components:	
Compass 15 Fluid Head	(1034)
Solo DV 2 Stage Alloy Tripod	(1630)
Pan Handle with Handle Carrier	(679)
Solo Shoulder Strap	(1520)
Softcase	(876)

Specifications:	
Weight*:	7.3 kg (15.4 lb)
Payload capacity:	9 kg (19.8 lb)
Payload range:	2-9 kg (4.4-19.8 lb)
Transport length:	868 mm (34.2 in)
Height range:	402-1793 mm (15.8-70.5 in)



#1833

Components:	
Compass 15 Fluid Head	(1034)
Solo DV 2 Stage Carbon Fibre Tripod	(1501)
Pan Handle with Handle Carrier	(679)
Solo Shoulder Strap	(1520)
Softcase	(876)

Specifications:	
Weight*:	6.9 kg (15.2 lb)
Payload capacity:	9 kg (19.8 lb)
Payload range:	2-9 kg (4.4-19.8 lb)
Transport length:	862 mm (33.9 in)
Height range:	402-1782 mm (15.8-70.2 in)



#1827

Components:	
Compass 15 Fluid Head	(1034)
2 Stage 75mm Alloy Tripod	(420)
Ground Spreader	(411)
Pan Handle with Handle Carrier	(679)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:	
Weight*:	8.0 kg (17.6 lb)
Payload capacity:	9 kg (19.8 lb)
Payload range:	2-9 kg (4.4-19.8 lb)
Transport length:	858 mm (33.8 in)
Height range:	558-1728 mm (22.0-68.0 in)



#1828

Components:	
Compass 15 Fluid Head	(1034)
2 Stage 75mm Alloy Tripod	(420)
Above Ground Spreader	(508)
ENG/EFP Tripod Rubber Feet	(550)
Pan Handle with Handle Carrier	(679)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:	
Weight*:	8.0 kg (17.6 lb)
Payload capacity:	9 kg (19.8 lb)
Payload range:	2-9 kg (4.4-19.8 lb)
Transport length:	858 mm (33.8 in)
Height range:	558-1728 mm (22.0-68.0 in)

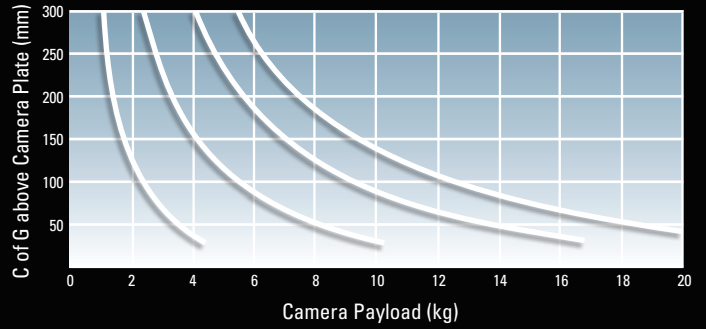


*Weight includes softcase

Compass 20 Fluid Head

The Compass 20 fluid head with 2-12kg payload range enables a large choice of cameras and camera configurations to be used. From HDV/DVCAM to XDCAM and P2HD cameras the Compass 20 fluid head is one of the most versatile pan/tilt heads available. The Compass 20 incorporates the best pan and tilt fluid drag range in its class combined with a selectable counterbalance system. A quick release camera mounting system utilising the Euro mini camera plates allows it to integrate easily into existing camera support inventories.

Counterbalance Performance



Product Features



Replaceable tilt end rosette

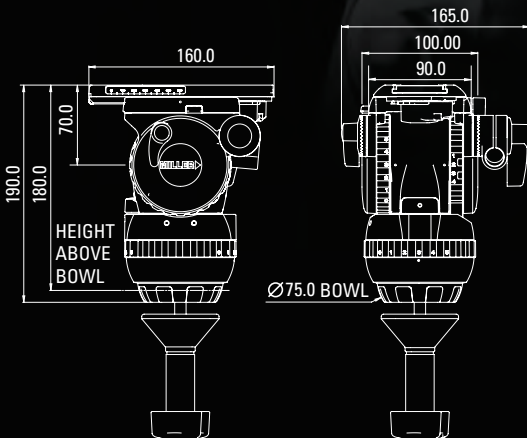
Quick release, 60mm sliding camera platform with mini Euro plate mounting

Selectable counterbalance system for payloads between 2-12kg

Superior pan/tilt locks utilising disc brakes

Readily accessible controls and illuminated bubble level

Five selectable positions of high performance drag plus a zero position



Product Specifications

Product Cat#	1036
Product Name:	Compass 20 Fluid Head
Weight:	2.7kg (5.95lbs)
Payload Range:	2-12kgs (4-26lbs)
Pan Drag:	5 selectable fluid drag positions + zero
Pan Range:	360 degrees
Pan Lock:	Caliper disc brake system
Tilt Drag:	5 selectable fluid drag positions + zero
Tilt Angle:	+90/-75 degrees
Tilt Lock:	Caliper disc brake system
Counterbalance:	4 selectable positions
Camera Platform:	Sliding Camera Platform with quick release Mini Euro Plate with 1/4" & pin and 1/4" and 3/8" screws
Sliding Range:	60mm
Height Above Bowl:	179 mm
Mounting Base:	75mm Ball Levelling
Illuminated Controls:	Bubble level
Temperature Range:	-40°C to +65°C
Pan Handle:	Fixed length

#1844

Components:	
Compass 20 Fluid Head	(1036)
Solo DV 2 Stage Alloy Tripod	(1630)
Pan Handle with Handle Carrier	(679)
Solo Shoulder Strap	(1520)
Softcase	(876)

Specifications:	
Weight*:	7.5 kg (16.5 lb)
Payload capacity:	12 kg (26.5 lb)
Payload range:	2-12 kg (4.4-26.5 lb)
Transport length:	879 mm (34.6 in)
Height range:	413-1804 mm (16.3-71.0 in)



#1846

Components:	
Compass 20 Fluid Head	(1036)
Solo DV 2 Stage Carbon Fibre Tripod	(1501)
Pan Handle with Handle Carrier	(679)
Solo Shoulder Strap	(1520)
Softcase	(876)

Specifications:	
Weight*:	7.1 kg (15.7 lb)
Payload capacity:	12 kg (26.5 lb)
Payload range:	2-12 kg (4.4-26.5 lb)
Transport length:	873 mm (34.4 in)
Height range:	413-1793 mm (16.3-70.6 in)



#1840

Components:	
Compass 20 Fluid Head	(1036)
2 Stage 75mm Alloy Tripod	(420)
Ground Spreader (411)	
Pan Handle with Handle Carrier	(679)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:	
Weight*:	8.2 kg (18.1 lb)
Payload capacity:	12 kg (26.5 lb)
Payload range:	2-12 kg (4.4-26.5 lb)
Transport length:	869 mm (34.2 in)
Height range:	569-1739 mm (22.4-68.5 in)



#1841

Components:	
Compass 20 Fluid Head	(1036)
2 Stage 75mm Alloy Tripod	(420)
Above Ground Spreader	(508)
ENG/EFP Tripod Rubber Feet	(550)
Pan Handle with Handle Carrier	(679)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:	
Weight*:	8.2 kg (18.1 lb)
Payload capacity:	12 kg (26.5 lb)
Payload range:	2-12 kg (4.4-26.5 lb)
Transport length:	869 mm (34.2 in)
Height range:	569-1739 mm (22.4-68.5 in)



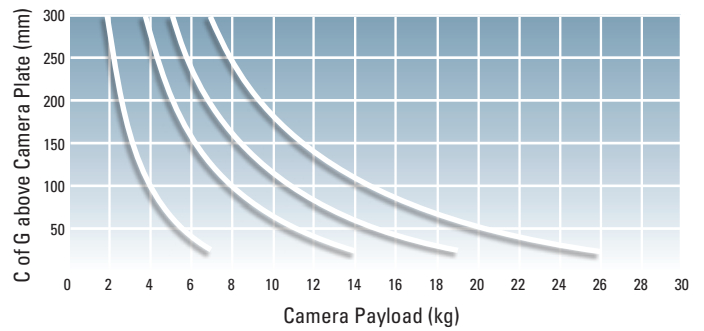
*Weight includes softcase

#1022 Arrow 25 Fluid Head

Drag performance from HDV to ENG

The Arrow 25 is a new 100mm fluid head designed to support the latest generation in acquisition from the film-ready HDV alternatives to the lightweight ENG camcorders providing outstanding fluid drag performance. Arrow 25 features 5+5 selectable pan/tilt drag (plus '0') to provide repeatable light to heavy drag settings. Selectable 4 position counterbalance and 70mm sliding camera platform to balance a wide range of camera loads from 3.5-14kg makes the Arrow 25 one of the most versatile camera support platforms available.

Counterbalance Performance



Features

Payload range from 3.5–14kg

5 (plus zero) positions of fluid pan and tilt drag

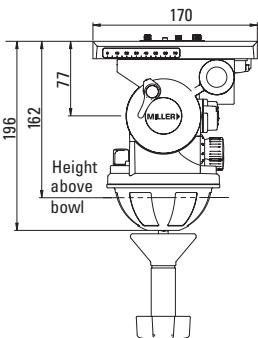
4 positions of counterbalance

70mm Quick release sliding platform

100mm ball levelling

Rear mounted controls

White illumination of bubble level and indicators for pan and tilt



Specifications

Weight	3.0 kg (6.6 lb)	Counterbalance	4 selectable positions
Payload range	3.5-14 kg (7-30 lb)	Camera platform	Quick release camera plate with 1/4" & 3/8" screws
Pan drag	5 selectable fluid drag positions + 0	Sliding range	70 mm (+/- 35 mm)
Pan rotation	360°	Height above bowl	162 mm
Pan lock	Calliper disc brake system	Mounting base	100 mm ball levelling
Tilt drag	5 selectable fluid drag positions + 0	Illuminated controls	Bubble level & pan/tilt indicators
Tilt angle	+/- 90°	Temperature range	-40°C to +65°C
Tilt lock	Calliper disc brake system	Pan handle	Telescopic

#1769

Components:

Arrow 25 Fluid Head	(1022)
Sprinter II Single Stage Alloy Tripod	(1589G)
Sprinter II Ground Spreader	(470)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(870)

Specifications:

Weight*	10.45 kg (23.0 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	1002 mm (39.4 in)
Height range:	797-1587 mm (31.4-62.5 in)



#1770

Components:

Arrow 25 Fluid Head	(1022)
Sprinter II Single Stage Alloy Tripod	(1589)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(870)

Specifications:

Weight*	10.55 kg (23.2 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	1002 mm (39.4 in)
Height range:	832-1592 mm (32.8-62.8 in)



#1773

Components:

Arrow 25 Fluid Head	(1022)
Sprinter II 2 Stage Alloy Tripod	(1580G)
Sprinter II Ground Spreader	(470)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(872)

Specifications:

Weight*	10.15 kg (22.3 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	862 mm (33.9 in)
Height range:	602-1692 mm (23.7-66.6 in)



#1774

Components:

Arrow 25 Fluid Head	(1022)
Sprinter II 2 Stage Alloy Tripod	(1580)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(872)

Specifications:

Weight*	10.45 kg (23.0 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	862 mm (33.9 in)
Height range:	602-1692 mm (23.7-66.6 in)



#1778

Components:

Arrow 25 Fluid Head	(1022)
Sprinter II 2 Stage Carbon Fibre Tripod	(1576)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(872)

Specifications:

Weight*	9.85 kg (21.7 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	862 mm (33.9 in)
Height range:	602-1692 mm (23.7-66.6 in)



#1793

Components:

Arrow 25 Fluid Head	(1022)
SOLO ENG 3 Stage Carbon Fibre Tripod	(1505)
Pan Handle with Handle Carrier	(694)
Solo Shoulder Strap	(1520)
Arrow Softcase	(872)

Specifications:

Weight*	9.1 kg (20.0 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	820 mm (32.3 in)
Height range:	382-2032 mm (15-80 in)



Optional

Pan handle with Handle Carrier	(694)	Studio Dolly with cable guards	(481)
Studio Dolly	(480)	Studio Tracker Dolly with tracking & guards	(483)

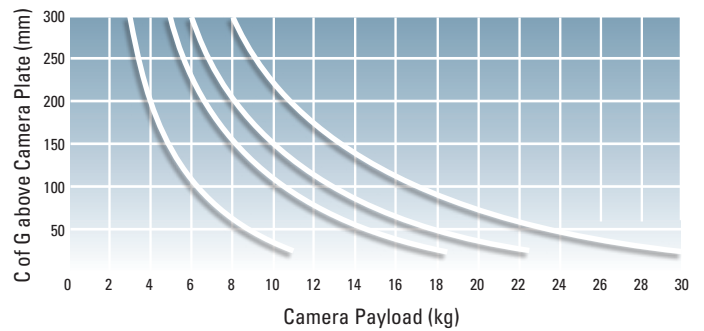
*Weight includes softcase.

#1025 Arrow 40 Fluid Head

Precision performer for news gathering

The Arrow 40 fluid head performance and features has evolved from the demanding world of news gathering. Strength, durability and smooth fluid action have been combined in a simple-to-operate fluid head offering 7 positions of pan and tilt drag in addition to its many other features. The Arrow 40 offers the widest range and heaviest drag in its class. From fast-action sports shooting to long, slow pans the Arrow 40 exceeds expectations of precision, quality and features for the ENG operator.

Counterbalance Performance



Features

Payload ranges from 7–16kg

7 (plus zero) positions of fluid pan and tilt drag

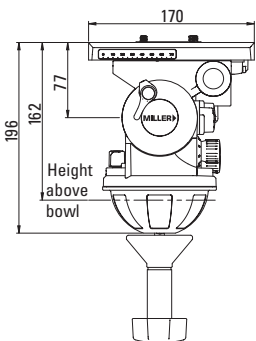
4 positions of counterbalance

70mm Quick release sliding platform

100mm ball levelling

Rear mounted controls

White illumination of bubble level and indicators for pan and tilt



Specifications

Weight	3.2 kg (7.1 lb)	Counterbalance	4 selectable positions
Payload range	7-16 kg (15-35 lb)	Camera platform	Quick release camera plate with 1/4" & 3/8" screws
Pan drag	7 selectable fluid drag positions + 0	Sliding range	70 mm (+/- 35 mm)
Pan rotation	360°	Height above bowl	162 mm
Pan lock	Calliper disc brake system	Mounting base	100 mm ball levelling
Tilt drag	7 selectable fluid drag positions + 0	Illuminated controls	Bubble level & pan/tilt indicators
Tilt angle	+/- 90°	Temperature range	-40°C to +65°C
Tilt lock	Calliper disc brake system	Pan handle	Telescopic

#1680

Components:

Arrow 40 Fluid Head	(1025)
Sprinter II Single Stage Alloy Tripod	(1589G)
Sprinter II Ground Spreader	(470)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(870)

Specifications:

Weight*	10.45 kg (23.0 lb)
Payload capacity:	16 kg (35.2 lb)
Payload range:	7-16 kg (15-35 lb)
Transport length:	1002 mm (39.4 in)
Height range:	797-1587 mm (31.4-62.5 in)



#1681

Components:

Arrow 40 Fluid Head	(1025)
Sprinter II Single Stage Alloy Tripod	(1589)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(870)

Specifications:

Weight*	10.75 kg (23.7 lb)
Payload capacity:	16 kg (35.2 lb)
Payload range:	7-16 kg (15-35 lb)
Transport length:	1002 mm (39.4 in)
Height range:	832-1592 mm (32.8-62.8 in)



#1686

Components:

Arrow 40 Fluid Head	(1025)
Sprinter II 2 Stage Alloy Tripod	(1580)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(872)

Specifications:

Weight*	10.65 kg (23.4 lb)
Payload capacity:	16 kg (35.2 lb)
Payload range:	7-16 kg (15-35 lb)
Transport length:	862 mm (33.9 in)
Height range:	602-1692 mm (23.7-66.6 in)



#1690

Components:

Arrow 40 Fluid Head	(1025)
Sprinter II 2 Stage Carbon Fibre Tripod	(1576)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Shell Case with wheels	(975)

Specifications:

Weight*	10.05 kg (22.1 lb)
Payload capacity:	16 kg (35.2 lb)
Payload range:	7-16 kg (15-35 lb)
Transport length:	862 mm (33.9 in)
Height range:	602-1692 mm (23.7-66.6 in)



#1709

Components:

Arrow 40 Fluid Head	(1025)
SOLO ENG 3 Stage Carbon Fibre Tripod	(1505)
Pan Handle with Handle Carrier	(694)
Solo Shoulder Strap	(1520)
Arrow Softcase	(872)

Specifications:

Weight*	9.3 kg (20.5 lb)
Payload capacity:	16 kg (35.2 lb)
Payload range:	7-16 kg (15-35 lb)
Transport length:	820 mm (32.3 in)
Height range:	382-2032 mm (15-80 in)



Optional

Pan Handle with Handle Carrier	(694)	Studio Dolly with cable guards	(481)
Studio Dolly	(480)	Studio Tracker Dolly with tracking & guards	(483)

*Weight includes softcase.

The Arrow fluid heads are far superior to other head manufacturers. Shooting aircraft demands a wide variety of motion and if the fluid head is not extremely smooth, you'll notice it right away.

Scott Guyette

EAA Television, www.eaa.org

USA

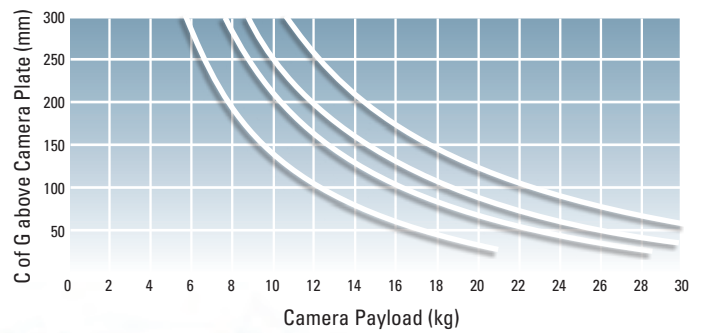


#1028 Arrow 55 Fluid Head

Heavy duty performance for ENG/EFP

The Arrow 55 fluid head provides higher load capacity to suit documentary, lifestyle, HD productions and is particularly suited to long-lens applications or Studio EFP configurations. Also featuring 7 positions of pan and tilt drag; the Arrow 55 is the heavy duty performer.

Counterbalance Performance



Features

Payload ranges from 10-25kg

7 (plus zero) positions of fluid pan and tilt drag

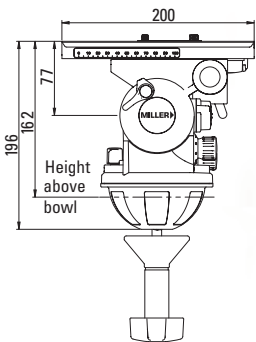
4 positions of counterbalance

100mm Quick release sliding platform

100mm ball levelling

Rear mounted controls

White illumination of bubble level and indicators for pan and tilt



Specifications

Weight	3.2 kg (7.1 lb)	Counterbalance	4 selectable positions
Payload range	10-25 kg (22-55 lb)	Camera platform	Quick release camera plate with 1/4" & 3/8" screws
Pan drag	7 selectable fluid drag positions + 0	Sliding range	100 mm (+/- 50 mm)
Pan rotation	360°	Height above bowl	162 mm
Pan lock	Calliper disc brake system	Mounting base	100 mm ball levelling
Tilt drag	7 selectable fluid drag positions + 0	Illuminated controls	Bubble level & pan/tilt indicators
Tilt angle	+/- 90°	Temperature range	-40°C to +65°C
Tilt lock	Calliper disc brake system	Pan handle	Telescopic

#1717

Components:

Arrow 55 Fluid Head	(1028)
Sprinter II Single Stage Alloy Tripod	(1589G)
Sprinter II Ground Spreader	(470)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(870)

Specifications:

Weight*	10.45 kg (23.0 lb)
Payload capacity:	25 kg (55 lb)
Payload range:	10-25 kg (22-55 lb)
Transport length:	1002 mm (39.4 in)
Height range:	797-1587 mm (31.4-62.5 in)



#1718

Components:

Arrow 55 Fluid Head	(1028)
Sprinter II Single Stage Alloy Tripod	(1589)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Softcase	(870)

Specifications:

Weight*	10.75 kg (23.7 lb)
Payload capacity:	25 kg (55 lb)
Payload range:	10-25 kg (22-55 lb)
Transport length:	1002 mm (39.4 in)
Height range:	832-1592 mm (32.8-62.8 in)



#1726

Components:

Arrow 55 Fluid Head	(1028)
Sprinter II 2 Stage Carbon Fibre Tripod	(1576)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Shell Case with wheels	(975)

Specifications:

Weight*	10.05 kg (22.1 lb)
Payload capacity:	25 kg (55 lb)
Payload range:	10-25 kg (22-55 lb)
Transport length:	862 mm (33.9 in)
Height range:	602-1692 mm (23.7-66.6 in)



#1737

Components:

Arrow 55 Fluid Head	(1028)
Heavy Duty Single Stage Alloy Tripod	(931)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)

Specifications:

Weight*	9.55 kg (21.0 lb)
Payload capacity:	25 kg (55 lb)
Payload range:	10-25 kg (22-55 lb)
Transport length:	1092 mm (43 in)
Height range:	947-1737 mm (37.3-68.4 in)



#1741

Components:

Arrow 55 Fluid Head	(1028)
Heavy Duty 2 Stage Carbon Fibre Tripod	(925)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Shell Case with wheels	(975)

Specifications:

Weight*	12.95 kg (28.5 lb)
Payload capacity:	25 kg (55 lb)
Payload range:	10-25 kg (22-55 lb)
Transport length:	912 mm (35.9 in)
Height range:	642-1752 mm (25.3-69.0 in)



Optional

Pan Handle with Handle Carrier	(694)	Studio Dolly with cable guards	(481)
Studio Dolly	(480)	Studio Tracker Dolly with tracking & guards	(483)

*Weight includes softcase.

I've tried every brand of tripod over the past 18 years, but wouldn't buy anything else! And then I found out that Miller provide the best service in the industry! Wherever you are, whatever your problem, they do everything possible to get you back up and shooting as quickly as possible.

Brad Dillon

MOST WANTED PICTURES

www.mostwantedpix.tv Singapore

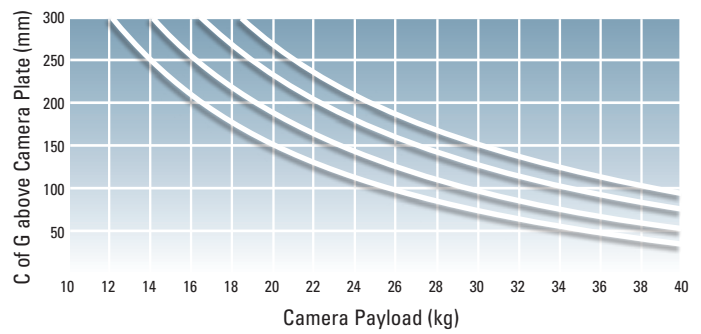


#1003 DS60 Fluid Head

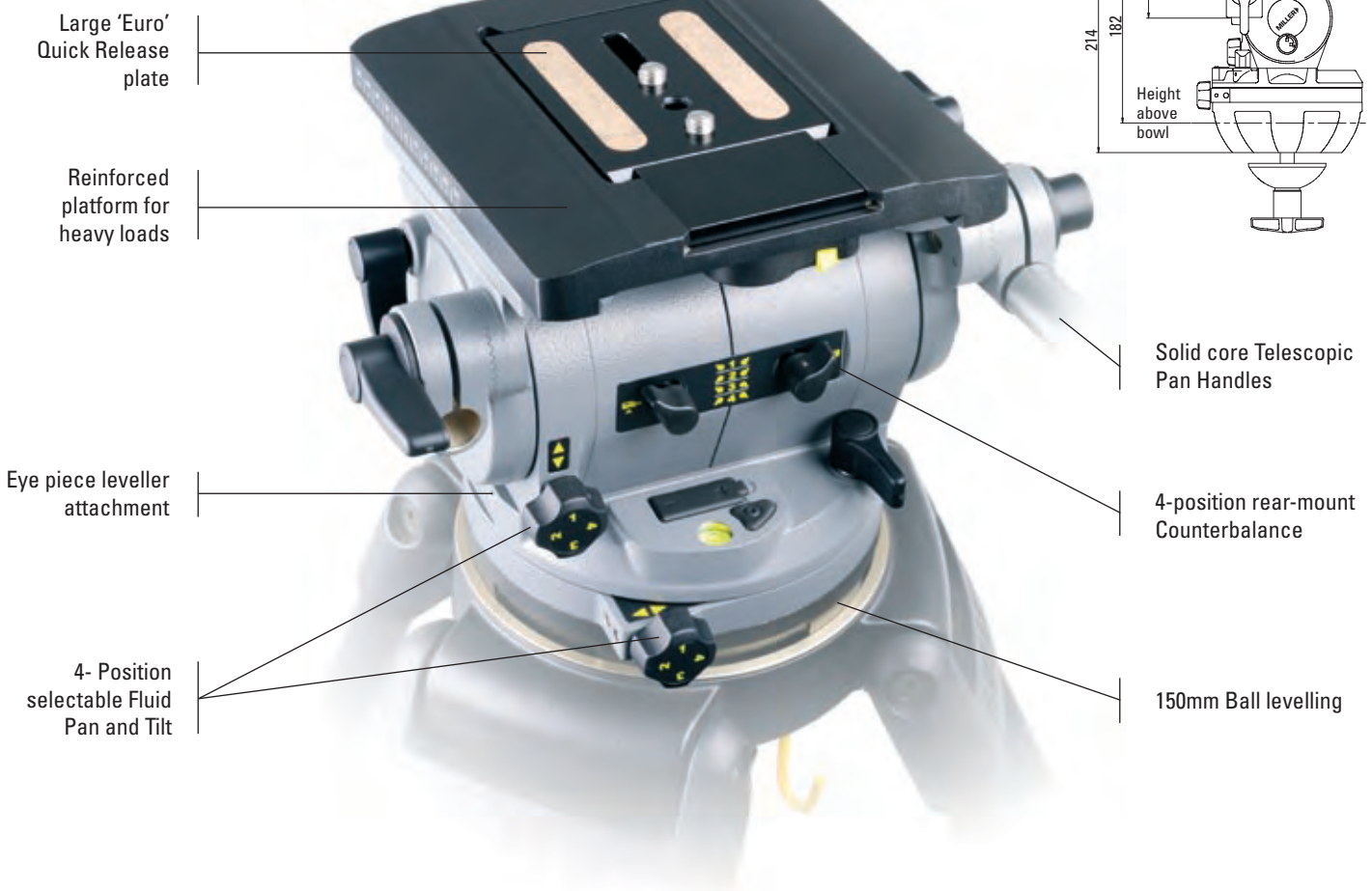
Robust support for studio and sport

The DS60 fluid head provides robust and versatile 150mm ball levelling support for lightweight studio, sports and EFP documentary productions. A quick release 100mm sliding plate offers easy balancing for payloads from 15kg to 32kg. A drag range from ultra light to heavy supplies silky-smooth true fluid action, while positive calliper pan/tilt locking plus tilt safety lock optimizes payload protection and rock-steady lock-off.

Counterbalance Performance



Features



Specifications

Weight	6.1 kg (13.4 lb)	Camera platform	Quick release camera plate with 2 x 3/8" screws
Payload range	15-32 kg (35-70.4 lb)	Sliding range	100 mm (+/- 50 mm)
Pan drag	4 selectable fluid drag positions	Height above bowl	182 mm
Pan rotation	360°	Mounting base	150 mm ball levelling
Pan lock	Calliper disc brake system	Illuminated controls	Bubble level
Tilt drag	4 selectable fluid drag positions	Safety lock	Pin engaging tilt lock
Tilt angle	+/- 60°	Temperature range	-40°C to +65°C
Tilt lock	Calliper disc brake system	Pan handle	Telescopic
Counterbalance	4 selectable positions		

#969E

Components:

DS60 Fluid Head	(1003)
Heavy Duty 2 Stage Carbon Fibre Tripod(937)	
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
2 Telescopic Pan Handles with Handle Carriers	(684)

Specifications:

Weight:	12.0 kg (26.5 lb)
Payload capacity:	32 kg (70 lb)
Payload range:	15-32 kg (35-70 lb)
Transport length:	932mm (36.7 in)
Height range:	702-1797 mm (27.6-70.7 in)



#970E

Components:

DS60 Fluid Head	(1003)
Heavy Duty Single Stage Alloy Tripod (943)	
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
2 Telescopic Pan Handles with Handle Carriers	(684)

Specifications:

Weight:	12.85 kg (28.3 lb)
Payload capacity:	32 kg (70 lb)
Payload range:	15-32 kg (35-70 lb)
Transport length:	1122 mm (44.2 in)
Height range:	982-1772 mm (38.7-69.8 in)



#971E

Components:

DS60 Fluid Head	(1003)
Heavy Duty Studio Alloy Tripod (944)	
Sprinter/HD Mid Spreader	(990)
Sprinter/HD Tripod Rubber Feet	(475)
2 Telescopic Pan Handles with Handle Carriers	(684)
Studio Tracker Dolly	(483)

Specifications:

Weight:	19.05 kg (42 lb)
Payload capacity:	32 kg (70.4 lb)
Payload range:	15-32 kg (35-70 lb)
Transport length:	972 mm (38.3 in)
Height range:	1036-1627 mm (40.6-64.1 in)



Optional

Studio Dolly (480) Studio Dolly with Cable Guards (481) Studio Tracker Dolly (483)

We left the Miller tripods in position, securely anchored with multiple ice screws designed for mountaineering. Confident that the camera positions will remain place to the millimetre ready to resume time lapse shots when this blizzard blows through in the next day.

Wade and Fred,

Shooting in Antarctica for BBC Planet Earth Series.

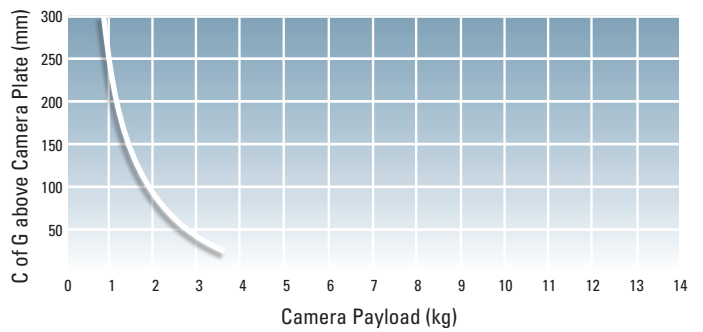


#180 DS5 Fluid Head

High quality precision Mini-DV head

Your MiniDV camera attaches to the DS5 fluid head using the industry standard 1/4" + pin attachment and provides a true fluid pan and tilt drag offering smooth movements needed to produce high quality MiniDV moves. Disc style tilt and pan locks guarantee non-slip rock-solid lock-off shooting positions. 75mm ball levelling lets you set up your tripod to any position, then quickly adjust your fluid head using the rear-mounted bubble level for perfect horizon setting.

Counterbalance Performance



Features



Specifications

Weight	1.6 kg (3.5 lb)	Counterbalance	Single fixed position
Payload range	0-2.5 kg (0-5.5 lb)	Camera platform	Quick release sliding camera plate with 1/4" + pin
Pan drag	Fluid drag plate system	Sliding range	60 mm (+/- 30 mm)
Pan rotation	360°	Height above bowl	137 mm
Pan lock	Calliper disc brake system	Mounting base	75 mm ball levelling
Tilt drag	Fluid drag plate system	Temperature range	-40°C to +65°C
Tilt angle	+ 90°/ -75°	Pan handle	Fixed length
Tilt lock	Calliper disc brake system		

#1637

Components:

DS5 Fluid Head	(180)
Solo DV 2 Stage Alloy Tripod	(1630)
Pan Handle with Handle Carrier	(680)
Solo DV Case	(1518)

Specifications:

Weight*	5.15 kg (11.4 lb)
Payload capacity:	2.5 kg (5.5 lb)
Payload range:	0-2.5 kg (0-5.5 lb)
Transport length:	831 mm (32.7 in)
Height range:	371-1762 mm (14.6-69.4 in)

Optional:

Pan Handle (Non-telescopic) w/handle carrier	(680)
Solo DV Strap	(1520)
Solo Leg Covers	(1590)
Solo Dolly	(394)



*Weight includes softcase.

“Our little lightweight SOLO had a great adventure over the memorable six weeks and it performed like an absolute champ in a variety of situations. From the urban high rise slums of Chennai, to often being buried into the scorching hot sand, panning along the Tsunami affected coastal community of Kovallum beach.”

Simon & Nick

Operation India Documentary

Chennai, India

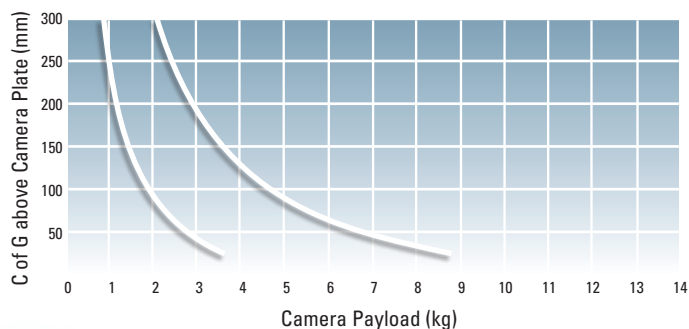


#182 DS10 Fluid Head

Professional HDV system

The DS10 fluid head boasts similar physical appearance and features as the DS5 fluid head. However, it offers 2 selectable counterbalance positions for MiniDV/DVCAM/HDV camcorders with larger lens/battery from 2.5kg to 5kg. Improved pan and tilt drag adjustments provide a friction boost to the true fluid action.

Counterbalance Performance



Features

MiniDV/DVCAM camcorders to 5kg

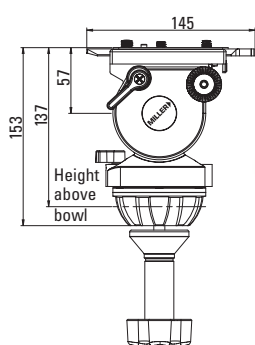
Quick release sliding camera plate:
1/4" Screw and pin

Fluid drag plate system with friction boost

Selectable counterbalance system

Disc lock pan/tilt braking system

75mm ball levelling with bubble level



Specifications

Weight	1.7 kg (3.7 lb)	Counterbalance	2 selectable positions
Payload range	2.5-5 kg (5.5-11 lb)	Camera platform	Quick release sliding camera plate with 1/4" + pin
Pan drag	Fluid drag plate system with friction boost	Sliding range	60 mm (+/- 30mm)
Pan rotation	360°	Height above bowl	137 mm
Pan lock	Calliper disc brake system	Mounting base	75 mm ball levelling
Tilt drag	Fluid drag plate system with friction boost	Temperature range	-40°C to +65°C
Tilt angle	+ 90°/ -75°	Pan handle	Fixed length
Tilt lock	Calliper disc brake system		

#828

Components:

DS10 Fluid Head	(182)
Lightweight 75mm Alloy Tripod	(440)
Above Ground Spreader (Non-telescopic)	(835)
ENG/EFP Tripod Rubber Feet	(550)
Pan Handle with Handle Carrier	(680)
Tripod Shoulder Strap	(554)
Softcase	(874)

Specifications:

Weight*:	6.5 kg (14.3 lb)
Payload capacity:	5 kg (11 lb)
Payload range:	2.5-5 kg (5.5-11 lb)
Transport length:	967 mm (38.1 in)
Height range:	757-1467 mm (29.8-57.6 in)



#832

Components:

DS10 Fluid Head	(182)
2 Stage 75mm Alloy Tripod	(420)
Above Ground Spreader	(508)
ENG/EFP Tripod Rubber Feet	(550)
Pan Handle with Handle Carrier	(680)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:

Weight*:	7.0 kg (15.4 lb)
Payload capacity:	5 kg (11 lb)
Payload range:	2.5-5 kg (5.5-11 lb)
Transport length:	827 mm (32.6 in)
Height range:	527-1667 mm (20.7-65.6 in)



#1640

Components:

DS10 Fluid Head	(182)
Solo DV 2 Stage Alloy Tripod	(1630)
Pan Handle with Handle Carrier	(680)
Solo DV Case	(1518)

Specifications:

Weight*:	5.25 kg (11.6 lb)
Payload capacity:	5 kg (11 lb)
Payload range:	2.5-5 kg (5.5-11 lb)
Transport length:	837 mm (33.0 in)
Height range:	371-1762 mm (14.6-69.4 in)



#1511

Components:

DS10 Fluid Head	(182)
Solo DV 2 Stage 75mm Tripod	(1501)
Pan Handle with Handle Carrier	(680)
Solo DV Strap	(1520)
Solo DV Case	(1518)

Specifications:

Weight*:	4.85 kg (10.7 lb)
Payload capacity:	5 kg (11 lb)
Payload range:	2.5-5 kg (5.5-11 lb)
Transport length:	831 mm (32.7 in)
Height range:	371-1751 mm (14.6-68.9 in)



Optional

Pan Handle (Non-telescopic) w/handle carrier	(680)
Solo DV Strap	(1520)
Solo Leg Covers	(1590)
Solo Dolly	(394)
Lightweight 75mm Pro Dolly	(391)

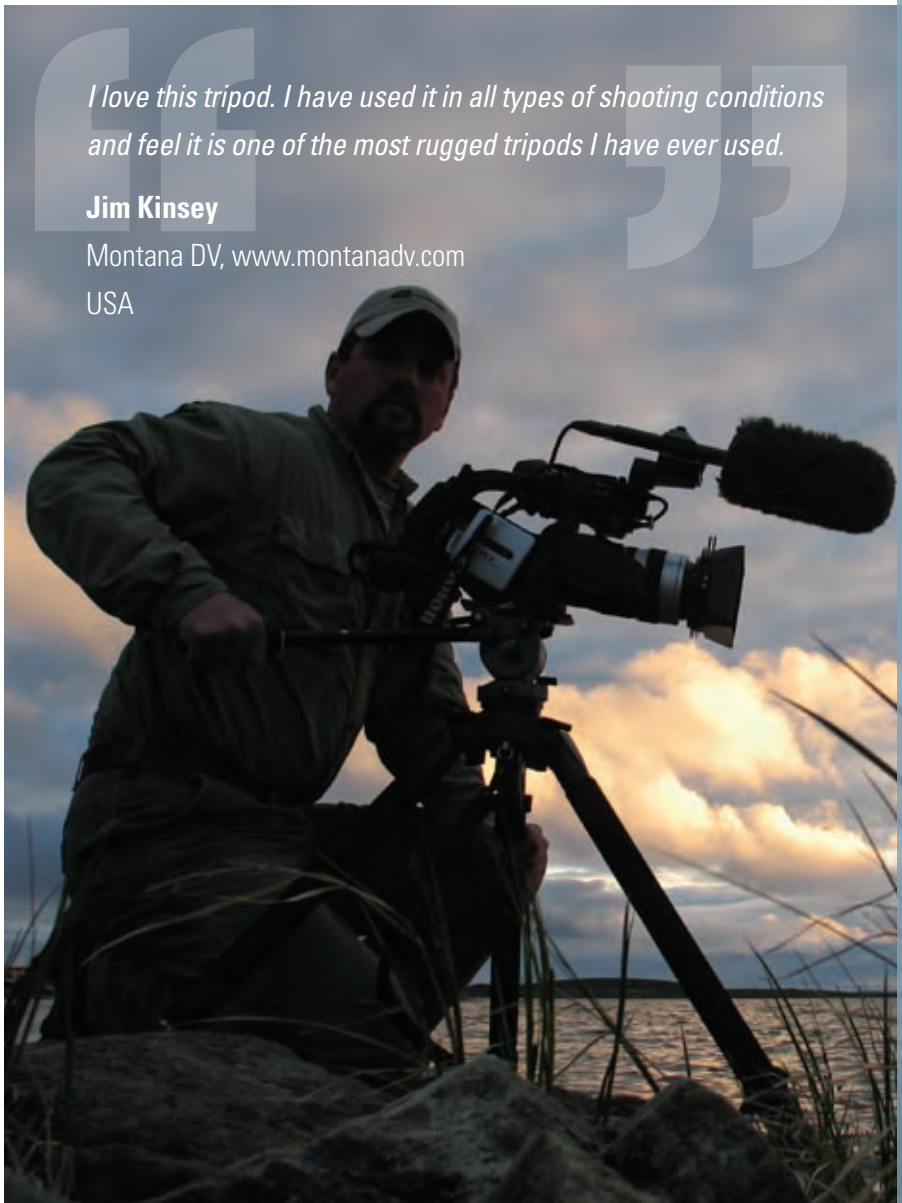
*Weight includes softcase.

I love this tripod. I have used it in all types of shooting conditions and feel it is one of the most rugged tripods I have ever used.

Jim Kinsey

Montana DV, www.montanadv.com

USA

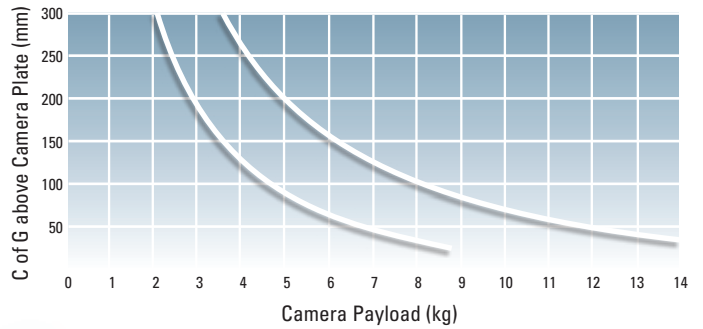


#184 DS20 Fluid Head

Superior HDV shooting

As the superior fluid head of the DV range, the DS20 fluid head offers two attachment choices: 1/4"+pin or 1/4"+3/8" screws, to attach MiniDV or tripod adaptor plates. Adjustable pan and tilt drags provide continuous friction for your flexible applications, while 'flick-of-a-switch' selectable counterbalance lets you balance larger camcorders ranging from 5kg to 10kg.

Counterbalance Performance



Features

MiniDV/DVCAM/
HDV camcorders
to 10kg

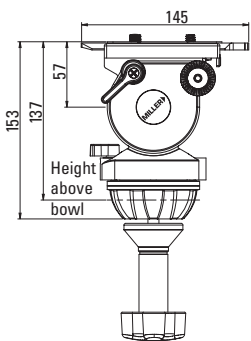
Quick release sliding
camera plate:
Camera plate choice: 1/4"
& 3/8" screws or 1/4" & pin

Fluid drag plate
system with
friction boost

Selectable counterbalance
system

Disc lock pan/tilt
braking system

75mm ball levelling
with bubble level



Specifications

Weight	1.75 kg (3.9 lb)
Payload range	5-10 kg (11-22 lb)
Pan drag	Fluid drag plate system with friction boost
Pan rotation	360°
Pan lock	Calliper disc brake system
Tilt drag	Fluid drag plate system with friction boost
Tilt angle	+ 90°/ -75°
Tilt lock	Calliper disc brake system

Counterbalance	2 selectable positions
Camera platform	Quick release sliding camera plate with 1/4" + pin & 1/4" & 3/8" screws
Sliding range	60 mm (+/- 30 mm)
Height above bowl	137 mm
Mounting base	75 mm ball levelling
Temperature range	-40°C to +65°C
Pan handle	Fixed length

#848

Components:

DS20 Fluid Head	(184)
2 Stage 75mm Alloy Tripod	(420G)
DS Ground Spreader	(411)
Pan Handle with Handle Carrier	(680)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:

Weight*:	7.05 kg (15.5 lb)
Payload capacity:	10 kg (22 lb)
Payload range:	5-10 kg (11-22 lb)
Transport length:	827 mm (32.6 in)
Height range:	527-1697mm (20.7-66.8 in)



#850

Components:

DS20 Fluid Head	(184)
2 Stage 75mm Alloy Tripod	(420)
Above Ground Spreader	(508)
ENG/EFP Tripod Rubber Feet	(550)
Pan Handle with Handle Carrier	(680)
Tripod Shoulder Strap	(554)
Softcase	(876)

Specifications:

Weight*:	7.05 kg (15.5 lb)
Payload capacity:	10 kg (22 lb)
Payload range:	5-10 kg (11-22 lb)
Transport length:	827 mm (32.6 in)
Height range:	527-1667 mm (20.7-65.6 in)



#1643

Components:

DS20 Fluid Head	(184)
Solo DV 2 Stage Alloy Tripod	(1630)
Pan Handle with Handle Carrier	(680)
Solo DV Case	(1518)

Specifications:

Weight*:	5.3 kg (11.7 lb)
Payload capacity:	10 kg (22 lb)
Payload range:	5-10 kg (11-22 lb)
Transport length:	837 mm (33.0 in)
Height range:	371-1762 mm (14.6-69.4 in)



#1514

Components:

DS20 Fluid Head	(184)
Solo DV 2 Stage 75mm Tripod	(1501)
Pan Handle with Handle Carrier	(680)
Solo DV Strap	(1520)
Solo DV Case	(1518)

Specifications:

Weight*:	4.9 kg (8.8 lb)
Payload capacity:	10 kg (22 lb)
Payload range:	5-10 kg (11-22 lb)
Transport length:	831 mm (32.7 in)
Height range:	371-1751 mm (14.6-68.9 in)



Optional

Pan Handle (Non-telescopic) w/handle carrier	(680)	Solo Dolly	(394)
Solo DV Strap	(1520)	Lightweight 75mm Dolly	(391)
Solo Leg Covers	(1590)		

*Weight includes softcase.

The keepers' wall was very high, so we used the tripod to it maximum extension to get the pans of the enclosures. The humidity has made some of our kit stiff, but our tripod has remained smooth and is performing well.

Cockroach Productions,

Orangutan Film Protection Project, www.cockroach.org.uk, Indonesia.



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/EFM 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.

In windy conditions in the Indian Himalayas I place a lot of expectation in what my Miller Arrow can do for my images. Solid and stable, yet light enough to move quickly on a very tight schedule, the mid-level spreader allows me to set the legs on any kind of slope in seconds and the tripod head allows me to produce smooth subtle moves.

Brad Dillon, MOST WANTED PICTURES. www.mostwantedpix.tv

Manali, Himalayas, India.

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 with more room for your fingers 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

Readily tune your leg lock firmness with one simple adjusting lock screw. You only require one tool to fine-tune the lock positiveness to your preference.





No more bending down

Quick leg height adjustment from one easy reach location. You still have full independent height control on a 2-stage system.



Available in carbon fibre or alloy configurations

Single stage and 2-stage tripod combinations are available in ultra-light, high strength carbon fibre or alternatively in durable and cost effective alloy tubing to suit both your application and budget.

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
Tube configuration:	1 Stage	2 Stage	2 Stage
Tube Material:	Alloy	Alloy	Carbon
Maximum Load:	45kg (100 lb)	45kg (100 lb)	45kg (100 lb)
Weight:	3.1kg (6.8 lb)	3.5kg (7.7 lb)	2.9kg (6.3 lb)
Max Height – mm:	1430 (56.3 in)	1530 (60.4 in)	1530 (60.4 in)
Min Height – mm:	635 (25.0 in)	440 (17.3 in)	440 (17.3 in)
Transport length – mm:	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 lock is non-slip leg lock design that's impact resistant and self-adjusting for smooth, 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, hard-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.



High EFP Strength – Low ENG Weight

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.



2-Stage & Single Stage

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



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.

The Miller HD tripod offers excellent stability while shooting flora and fauna, during the extremes of cold, strong biting winds and muddy and wet terrains .

Gerd Herren, Spalywood
www.spalywood.be Belgium

Accessories

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

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 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 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 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

Tripod Series:	Solo (1505)	Maximum Height:	1870 mm (73.6 in)
Bowl Diameter:	100 mm (3.9 in)	Minimum Height:	220 mm (8.7 in)
Weight:	3.1 kg (6.8 lb)	Transport Length:	658 mm (25.9 in)
Payload Capacity:	30 kg (66 lb)	Tube Type:	Carbon Fibre
Lock Type:	Concentric	Construction:	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 (63 in) in a lean 2-Stage telescoping design.

High strength carbon fibre tubing

Same quality as the ENG tripod range, the DV carbon fibre tubing with unique SOLO 'weave' appearance makes an ultra light field tripod - only 2.5kg for a tripod which extends from 23cm - 161cm! Ultra strong - leg and bowl rigidity.



Light

The SOLO DV Carbon fibre 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), spreaderless design, guarantees superbly low stable images from any angle across any terrain.

Specifications

Cat#	1630	1501
Bowl Diameter	75mm	75mm
Tube Configuration	2 Stage telescopic	2 Stage telescopic
Tube Material	Alloy	Carbon fibre
Maximum Load kg (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)
Max Height mm (in)	1625 mm (64 in)	1614 mm (63.5 in)
Min Height mm (in)	234 mm (9.2 in)	234 mm (9.2 in)
Transport Length mm (in)	700 mm (27.6 in)	694 mm (27.3 in)



The SOLO DV carbon tripod in its compact case was the much needed light weight choice for us! (especially in 45 degree heat). We weren't the only ones who were impressed with our SOLO. No matter where we went we always managed to acquire an audience who would stand close behind us and either eye off our PDX-10 or the nifty little tripod.

Nick Cole, Operation India documentary, Chennai, India



#711 Projib Arm

The Miller Projib jib arm frees you from the limitations of single point-of-view shooting by adding a third dimension to your shot selection. For example, a pan and tilt head gives you horizontal and vertical motion from a fixed axis, while the projib pans, tilts and tracks, to let you change your point-of-view. This is great for rehearsing the best position for 'pack shot' or 'table-top' shooting, the dramatic tracking effects must be seen to be believed. Imagine tracking from ground level in a forest stream up to over 2 meters in height in a single movement!

Features

Projib weighs only 11.4kg

Easy one-man set-up

Vertical, horizontal and diagonal tracking from ground to 2.5m

Handles payloads from 5kg to 25kg

Accessories for Projib Arm Systems

Projib Softcase	(712)
Studio Dolly	(480)
Studio Dolly with cable guards	(481)
Studio Tracker Dolly	(483)



#711 is Projib Arm only, does not include fluid head, tripod, camera and weights

Specifications

Weight	11.4 kg (25.1 lb)	Counterbalance	25mm (1") Centre barbell weights
Payload capacity	25 kg (55 lb)	Dimensions (mm)	230W x 505D x 1220L
Pan drag	Adjustable friction system	Height range	2000 mm (78.7 in)
Pan rotation	360°	Head attachment	100 mm ball levelling
Pan lock	Friction lock	Tripod attachment	100 mm ball compatible base
Tilt drag	Adjustable friction system	Levelling indicators	2 x Bubble levels
Tilt lock	Friction lock	Temperature range	-40°C to +65°C

#1797

Components:

Projib Jib Arm	(711)
Arrow 25 Fluid Head	(1022)
Heavy Duty Single Stage Alloy Tripod	(931)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Projib Softcase	(712)

Specifications:

Weight:	22.75 kg (50.1 lb)
Payload capacity:	14 kg (30.8 lb)
Payload range:	3.5-14 kg (7-30 lb)
Transport length:	1445 mm (56.9 in)
Mounting standard:	100mm ball levelling



#1713

Components:

Projib Jib Arm	(711)
Arrow 40 Fluid Head	(1025)
Heavy Duty 2 Stage Carbon Fibre Tripod	(925)
Sprinter/HD Mid Spreader	(993)
Sprinter/HD Tripod Rubber Feet	(475)
Pan Handle with Handle Carrier	(694)
Arrow Shell Case with wheels	(975)
Projib Softcase	(712)

Specifications:

Weight:	26.35 kg (58.0 lb)
Payload capacity:	16 kg (35.2 lb)
Payload range:	7-16 kg (15-35 lb)
Transport length:	1300 mm (51.2 in)
Mounting standard:	100mm ball levelling



#1749

Components:

Projib Jib Arm	(711)
Arrow 55 Fluid Head	(1028)
Heavy Duty Single Stage Alloy Studio Tripod	(932)
Sprinter/HD Mid Spreader	(993)
2 Pan Handles with Handle Carriers	(694)
Projib Softcase	(712)
Studio Tracker Dolly	(483)

Specifications:

Weight:	29.55 kg (65.0 lb)
Payload capacity:	25 kg (55 lb)
Payload range:	10-25 kg (22-55 lb)
Transport length:	1445 mm (56.9 in)
Mounting standard:	100mm ball levelling



#712 Projib Softcase

Features:

Ultra-light yet ultra-tough protection
Carry handles for hand or shoulder carriage

Specifications:

Weight:	2.0 kg (3.7 lb)
Payload Capacity:	15 kg (33 lb)
Transport Length:	1445 mm (56.9 in)



The jib was fantastic to work with, so light and fast to put together!

Wade Fairley,
Australian outback



Special Application Tripods

#455 Baby Legs Kit: 100mm 2 Stage Alloy tripod with softcase and Ground spreader

Specifications:

Tripod Series:	Mini Tripods
Bowl Diameter:	100 mm (3.9 in)
Weight (with case):	2.8 kg (6.2 lb)
Payload Capacity:	25 kg (55 lb)
Lock Type:	Toggle
Maximum Height:	520 mm (20.5 in)
Minimum Height:	250 mm (9.8 in)
Transport Length:	350 mm (13.8 in)
Tube Type:	Alloy
Construction:	2-Stage



#439/#444 Single Stage Alloy Mini Tripods

Specifications:

Tripod Series:	Mini Tripods
Bowl Diameter:	#439 100 mm (3.9 in) #444 75 mm (3.0 in)
Weight:	1.8 kg (4.0 lb)
Payload Capacity:	15 kg (33 lb)
Lock Type:	Toggle
Maximum Height:	670 mm (26.4 in)
Minimum Height:	300 mm (11.8 in)
Transport Length:	480 mm (18.9 in)
Tube Type:	Alloy
Construction:	Single Stage

*See HD tripods for HD Mini Tripod



#311 Solo Pod

Features:

0.53m - 1.69m height range
Ultra light Carbon Fibre design
3 Stage ring lock extensions
Reversible thread 3/8" or 1/4" screw
Carry strap for transport
Fixed non-skid rubber foot

Specifications:

Weight:	0.8 kg (1.8 lb)
Payload capacity:	10 kg (22 lb)
Lock Type:	Concentric Ring
Maximum Height:	1690 mm (66.5 in)
Minimum Height:	530 mm (20.9 in)
Tube Type:	Carbon Fibre
Mounting:	Reversible thread 3/8" or 1/4" screw



Spreaders and Feet

#835/#508 Above Ground Spreaders

Features:

Rapid set-up and pull down by keeping tripod legs at an equal or preset distance
Attaches to the centre bracket of a tripod
Set up more easily on steps, slopes or uneven, rocky terrain
Telescopic to allow extension of a tripod leg without detaching the spreader

Non telescopic	(835)
Telescopic to suit #440, #420	(508)



#411/#470 Ground Spreaders

Features:

Rapid set-up and pull down by keeping tripod legs at an equal or preset distance
Attaches directly to the feet at the bottom of a tripod
Optimised for use on flat or reasonably flat surfaces
Telescopic to allow extension of a tripod leg without detaching the spreader

Suits all toggle tripods (telescopic)	(411)
Suits all Sprinter II tripods (telescopic)	(470)



#993 Mid Level Spreader

Features:

Provides infinite adjustments for the footprint of the tripod
Top adjustment knob offers easy operation
Latch and swivel design spreader attachment enable fast setups and prevents accidental damage

Suits all Sprinter II and HD tripods (telescopic) (993)



Rubber Feet

Suit all tripods with Above Ground Spreaders, set of 3	(550)
Suit all tripods with Mid Level Spreaders, set of 3	(475)



Dolly Wheels

#390

Medium Duty 125mm Dolly for 75mm/100mm Toggle tripods

- Features:**
 125mm wheels for light, smooth dolly action
 Independent wheel locks
 Folds down for easy carriage w/carry handle
 Integrated rubber tripod stirrups
 Secure saddle mount locks tripod firmly

Specifications:

Weight:	4.2 kg (9.3 lb)
Payload capacity:	45 kg (99 lb)
Folded length:	640 mm (25.2 in)
Wheel diameter:	125 mm (4.9 in)
Diameter open:	840 mm (33.1 in)
Tube type:	Alloy



#391

Lightweight 75mm Dolly for 75mm Toggle tripods

- Features:**
 75mm wheels for light, smooth dolly action
 Independent wheel locks
 Folds down for easy carriage w/carry handle
 Integrated rubber tripod stirrups
 Secure saddle mount locks tripod firmly

Specifications:

Weight:	3.2 kg (7.1 lb)
Payload capacity:	25 kg (55 lb)
Folded length:	630 mm (24.8 in)
Wheel diameter:	75 mm (3.0 in)
Diameter open:	840 mm (33.1 in)
Tube type:	Alloy



#394

Solo DV Dolly for Solo DV tripods

- Features:**
 729mm width dimension for safe manoeuvrability
 TPR rubber wheels for ultra-smooth fluid-style rolling action
 Dual-lock braking on each wheel and castor
 Quick mount to Solo DV tripod
 Ergonomical carry handle for optimum carriage strength

Specifications:

Weight:	2.5 kg (5.5 lb)
Payload capacity:	25 kg (55 lb)
Folded length:	552 mm (21.7 in)
Wheel diameter:	75 mm (3.0 in)
Diameter open:	914 mm (36.0 in)
Tube type:	Alloy



#480

Studio Dolly
 For Sprinter/HD tripods

- Features:**
 Reinforced centre hub
 Collapsible arm design
 Sturdy roller castors
 Individual wheel brakes
 Integrated carry handle

Specifications:

Weight:	6.2 kg (13.7 lb)
Payload capacity:	100 kg (220 lb)
Folded length:	610 mm (24.0 in)
Wheel diameter:	125 mm (4.9 in)
Diameter open:	1072 mm (42.2 in)
Tube type:	Alloy



#481

Studio Dolly with cable guards
 For Sprinter/HD tripods

- Features:**
 Height adjustable cable guards
 Reinforced centre hub
 Collapsible arm design
 Sturdy roller castors
 Individual wheel locking

Specifications:

Weight:	6.6 kg (14.6 lb)
Payload capacity:	100 kg (220 lb)
Folded length:	610 mm (24.0 in)
Wheel diameter:	125 mm (4.9 in)
Diameter open:	1072 mm (42.2 in)
Tube type:	Alloy



#483

Studio Tracker Dolly with cable guards + tracking.
 For Sprinter/HD tripods

- Features:**
 Independent track-wheel-locking
 Height adjustable cable guards
 Reinforced centre hub
 Collapsible arm design
 Sturdy roller castors
 Solid individual braking system

Specifications:

Weight:	6.9 kg (15.2 lb)
Payload capacity:	100 kg (220 lb)
Folded length:	640 mm (25.2 in)
Wheel diameter:	125 mm (4.9 in)
Diameter open:	1072 mm (42.2 in)
Tube type:	Alloy



Softcases

Features:

Compact and comfortable carrying solutions
Padded carry straps

Patented head-end cradle protects fluid head during flight & vehicle transport

Heavy duty zippers on bag and all packets
Weatherproof Cordura construction

#1518 Solo DV Softcase

Specifications:

Weight: 0.65 kg (1.4 lb)
External length: 850 mm (33.5 in)
External width: 165 mm (6.15 in)
External height: 165 mm (6.5 in)



#872 Arrow Softcase

Specifications:

Weight: 3.0 kg (6.6 lb)
External length: 930 mm (36.6 in)
External width: 190 mm (7.5 in)
External height: 210 mm (8.3 in)



#876 DS Softcase

Specifications:

Weight: 1.7 kg (3.7 lb)
External length: 930 mm (36.6 in)
External width: 210 mm (8.3 in)
External height: 210 mm (8.3 in)



#870 Arrow Softcase

Specifications:

Weight: 3.5 kg (7.7 lb)
External length: 1080 mm (42.5 in)
External width: 190 mm (7.5 in)
External height: 210 mm (8.3 in)



#874 DS Softcase

Specifications:

Weight: 1.9 kg (4.2 lb)
External length: 1075 mm (42.3 in)
External width: 210 mm (8.3 in)
External height: 210 mm (8.3 in)



#975 Arrow Shell Case with Wheels

Specifications:

Weight: 4.2 kg (9.3 lb)
External Length: 1030 mm (40.6 in)
External width: 260 mm (10.2 in)
External height: 290 mm (11.4 in)



Shoulder Straps

#554

Shoulder Strap to suit all Tripods & Softcases

Features:

Safety Spring latch attaches to all 75mm and 100mm tripods
Ergonomic 'Padded Cell' air-bubble shoulder support
Weatherproof Cordura/Nylon materials with anti-corrosive buckles

Specifications:

Weight: 0.2 kg (0.4 lb)
Minimum length: 800 mm (31.5 in)
Maximum length: 1100 mm (43.3 in)
Attachment: Safety Spring Clip
Adjustment: In-line Slide Buckle
Material: Cordura/Neoprene



#1520

Shoulder strap to suit all Solo tripod series

Features:

Safety Spring latch attaches to all 75mm & 100mm SOLO tripods
Ergonomic elastic 'Padded Cell' air-bubble shoulder support
Weatherproof Cordura/Nylon materials with anti-corrosive buckles

Specifications:

Weight: 0.215 kg (0.45 lb)
Minimum length: 900 mm (35.4 in)
Maximum length: 1110 mm (43.7 in)
Attachment: Safety Spring Clip
Adjustment: In-line Slide Buckle
Material: Cordura/Neoprene



#1590

Solo Leg Covers

Features:

Additional protection for Solo legs
Available as a pack of three covers
Will cover leg with or without standard neoprene grip

Specifications:

Weight: 0.210 kg (0.5 lb)
Dimensions: 320mm x 175 mm
Attachment: Velcro seam
Material: velvet neoprene



Hi-Hats, Bowl Adaptors, Pan Handles & Camera Plates

#465 Hi Hat (75mm)

Features:
Bolts to any flat surface
Can be permanently mounted
Suits 75mm ball levelling heads



Specifications:
Weight: 1 kg (2.2 lb)
Height: 150mm (5.9 in)
Payload capacity: 20 kg (44.1 lb)
Mounting: 75mm ball levelling

#466 Hi Hat (100mm)

Features:
Bolts to any flat surface
Can be permanently mounted
Suits 100mm ball levelling heads



Specifications:
Weight: 1 kg (2.2 lb)
Height: 150mm (5.9 in)
Payload capacity: 25 kg (55 lb)
Mounting: 100mm ball levelling

#467 Hi Hat (150mm)

Features:
Bolts to any flat surface
Can be permanently mounted
Suits 150 mm ball levelling heads



Specifications:
Weight: 2.2 kg (4.4 lb)
Height: 151mm (5.9 in)
Payload capacity: 40 kg (88 lb)
Mounting: 150mm ball levelling

#378 100mm to 75mm Tripod Bowl Adaptor

Features:
Lets you mount 75mm ball levelling heads onto 100mm tripods
Accepts all 75mm heads



Specifications:
Weight: 0.09 kg (0.2 lb)

#493 1/4" & Pin Adaptor Carriage

Features:
Industry standard 1/4" & pin, fits all standard Miller camera plates
Direct-to-camera base for MiniDV camcorders



Specifications:
Dimensions: 27.6mm x 13.6mm
Attachment: Std 1/4" & pin

#1204 Compass 15 Camera Plate

Features:
Quick Release Sliding camera plate with 60mm travel
Suits Compass15 fluid head
Includes 1/4" & Pin and 1/4" & 3/8" screws



Specifications:
Dimensions: 120mm x 48mm
Attachment: Std 1/4" & pin (493) or 1/4" & 3/8"

#1208 Compass 20 Camera Plate

Features:
Mini Euro style quick release sliding camera platform with 60mm travel
Suits Compass20 fluid head
Includes 1/4" & Pin and 1/4" & 3/8" screws



Specifications:
Dimensions: 62mm x 45mm
Attachment: Std 1/4" & pin (493) or 1/4" & 3/8"

#490 DS5/10 Camera Plate

Features:
Quick Release Sliding camera plate with 60mm travel
Suits DS5 or DS10 fluid head
Includes #493 adaptor carriage for MiniDV camcorders



Specifications:
Dimensions: 145mm x 48mm
Attachment: Std 1/4" & pin (493)

#489 DS20 Camera Plate

Features:
Quick Release Sliding camera plate with 60mm travel
Suits DS20 fluid head
Includes #493 adaptor carriage and 1/4" & 3/8" screws



Specifications:
Dimensions: 145mm x 48mm
Attachment: Std 1/4" & pin (493) or 1/4" & 3/8"

#860 Arrow Camera Plate

Features:
Euro style quick release sliding camera platform with 70mm travel
Suits all Arrow fluid heads
Includes industry standard 1/4" & 3/8" screws for attachment



Specifications:
Dimensions: 79mm x 64.5mm
Attachment: 1/4" & 3/8"

#1060 DS60 Camera Plate

Features:
Large Euro style quick release sliding camera platform with 100mm travel
Suits DS60 fluid head
Includes 2 x 3/8" screws



Specifications:
Dimensions: 120mm x 80mm
Attachment: 2 x 3/8"

#858 Offset Camera Plate

Features:
The Offset Camera Plate attaches between a camera payload and Quick Release camera plate and offsets the payload forwards and backwards by 60mm. It may use #493 camera plate carriage as an optional accessory



Specifications:
Dimensions: 160mm x 80mm x 7.5mm
Attachment: 2 x 3/8"

#313 QR Adaptor Plate

Features:
The QR Adaptor Plate allows you to mount the camera plate from the DS5/DS10/DS20 to another support such as the Solo Pod.



Specifications:
Weight: 0.25kg (0.55lb)
Payload capacity: 10kg (22lb)
Camera platform: Quick release sliding camera plate with 60mm travel
Mounting: Flat Base to suit 1/4" & 3/8" screws

#680 Fixed length Pan Handle

Features:
Supplied with grey handle carrier for DS5/DS10/DS20 fluid heads
Durable black anodised aluminium tubing



Specifications:
Weight: 0.25 kg (0.55 lb)
Length: 390 mm (15.4 in)
Material: Alloy/rubber

#679 Fixed length Pan Handle

Features:
Supplied with black handle carrier for Compass 15 and Compass 20 fluid heads
Durable black anodised aluminium tubing



Specifications:
Weight: 0.285 kg (0.6 lb)
Length: 390 mm (15.4 in)
Material: Alloy/rubber

#694 Telescopic Pan Handle

Features:
Supplied with black pan handle carrier for Arrow25/40/55 fluid heads
200mm extension
Durable black anodised aluminium tubing



Specifications:
Weight: 0.38 kg (0.8 lb)
Length: 390 mm (15.4 in)
Extended length: 590 mm (23.2 in)
Material: Alloy/rubber

#684 Telescopic Pan Handle

Features:
Supplied with grey handle carrier for DS60 fluid head
200mm extension
Durable black anodised aluminium tubing



Specifications:
Weight: 0.38 kg (0.84 lb)
Length: 390 mm (15.4 in)
Extended length: 590 mm (23.2 in)
Material: Alloy/rubber

Opening the creative doors of cinematography

While watching the filming of photos that had been filmed by Rostrum Cinematography I was reminded of the nature of cinematography before the Miller fluid head was invented. We used fairly simple geared or slip heads in this period, these were obviously used successfully to record our requirements however when the Miller tripod became available it opened new doors in the world of cinematography.

I worked on a series of documentary films photographed for an Art series sponsored by Qantas. Covering Aboriginal bark paintings and rock art as well as oil paintings hung in galleries. The director required an intimate detail in close-up, then panning slowly across and around the canvas, continually moving around the canvas but never revealing the artwork in its entirety.

The camera and tripod was at times in the most impossibly awkward positions for operating but nevertheless needing a delicate movement of the camera to reveal the detail and the beauty, the Miller tripod made the cinematography of this art possible. It was the precision of this tripod head that allowed me to produce the quality of images needed for this series of films.

The majority of cinematographers today grew up with a fluid head tripod. It is only the older cameramen like myself that realise the great step forward from the previous slip head tripods to the introduction of the Miller fluid head

An extract from a letter to Miller written by **John Leake** ACS, Australia's first freelance cinematographer.

John Leake's original Miller tripod is now housed in Australia's National Film and Sound Archive. This was donated by John in collaboration with Miller in May 2006. John Leake ACS and Mark Clementson, director of Miller Camera Support Equipment presented the tripod to the NFSA's director Dr Paolo Cherchi Usai during the Australian Cinematography Society's National Celebration of Cinematography Festival held in Canberra.

John Leake ACS was the first cinematographer to go freelance and challenge the studio system of cinematographers in Australia. In the same year he purchased his first 35mm Éclair Cameflex camera, a set of Cooke Speed Panchro lenses and a Miller fluid head tripod. During the presentation John spoke of the importance of the Miller Fluid Head technology brought to the field of cinematography, the places and projects where the tripod had accompanied him, the now-famous camera assistants such as Andrew Lesnie ACS ASC, Peter James ACS and David Gribble ACS that had carried this particular tripod and what an honour it was to have his gear submitted to the National Film and Sound Archive.





*John Leake ACS shooting
the Art Series for Qantas,
Manhattan NY 1959*



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

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