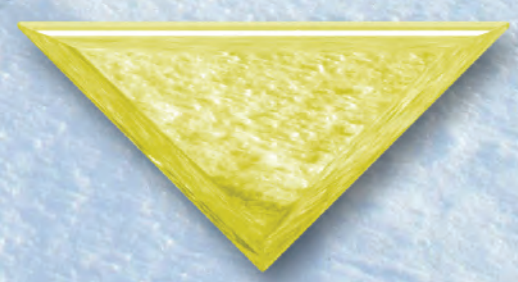




W
I
L
D
E
R
E



Contents

Miller – Creators of the fluid head	2
Precision without compromise	3
Fluid Heads	
Choosing a fluid head	4
DS – Moving smooth	5
DS 5	6
DS 10	8
DS 20	10
Compass – A new direction in premium support	12
Compass 12	14
Compass 15	16
Compass 20	18
Compass 25	20
Arrow – The ENG Master	22
Arrow 25	24
Arrow 40	26
Arrow 55	28
Skyline – Take the big picture	30
Skyline 70	32
Tripods – A vital stable base for overall performance	
Choosing a tripod	34
Solo DV – Lean, light, low for DV/DSLR on the go	36
Solo ENG – The Ultimate Ultralight ENG Tripod	38
Toggle Tripods - Speedy, lightweight performers	40
Sprinter II – Speed without compromise	42
HD Tripods – Heavy Duty ENG/EFP Tripods	44
Pedestals	46
Spreaders, Feet and Dollies	48
Cases and Accessories	50





The Arrow Solo system revealed itself a “true miracle” for the shooting of this video. The crew were satisfied with the mounting flexibility the amazing spreaderless tripod had with its independently leg angle lock control with the solo tripod becoming a must have tool for the LIGHTBOX Films crew.

LIGHTBOX - Portugal

Creators of the Fluid Head

Before Eric Miller introduced the world's first patented fluid action tripod head in 1946, camera operators needed bulky and expensive gear driven assemblies, pan shots were inhibited and diagonal moves impossible. The Miller fluid head revolutionised film-making by giving operators the freedom to shoot more creatively, and reduced production costs of film that previously ended up on the cutting room floor.

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 58 years. From the analogue ENG revolution to digital technology, Miller has always led by designing support products based on innovation, strength and reliability.

The results speak for themselves with Miller tripod and camera support systems being used for electronic news gathering (ENG), electronic field production (EFP) and digital video applications by the world's leading networks, production houses, corporate, educational and government institutions in over 65 countries.

Miller products are functional, easy to operate and capable of being used in the most extreme temperatures and harshest environments.

Innovation at Miller

With over 58 years of listening to feedback from camera operators Miller has earned a reputation for versatility and functionality.

From virtuality to reality, conceived utilising the most advanced 3D software tools, the Miller camera support range is leading-edge precision from design to final test. The use of corrosion-resistant alloys, high-strength, impact resistance polymers and dust-proof, moisture resistant housings are but a few of the elements that combine with sleek exterior design to produce the strongest, lightest and most reliable products available.

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 TV Channel which can be found at www.millertripods.tv or through the Miller website which features footage and behind the scenes reports from cinematographers and videographers around the globe.





Precision without compromise

Reliable camera support is crucial, particularly when working in remote and difficult conditions. The Miller's obsession with quality is legendary and comes from uncompromising standards.

Based in Sydney, Australia the Miller manufacturing facilities are at the forefront of precision engineering.

Every Miller camera support products is subject to the most rigorous quality assurance procedure that begins in design and follows through in the entire materials selection, precision moulding, die-casting and machining process through to final delivery and after sales service.



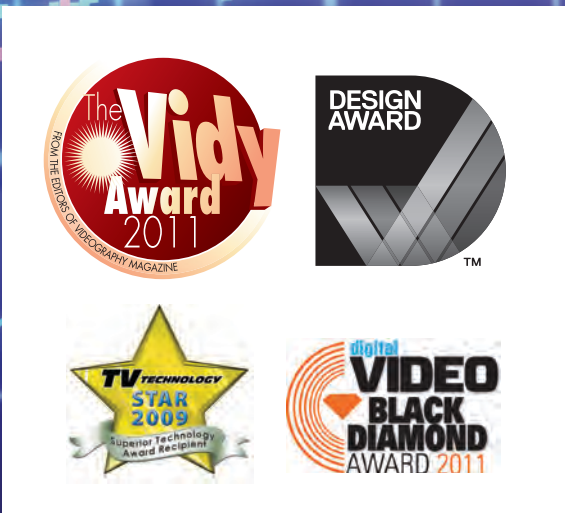
Its all in the detail

All components of the Miller camera support equipment range are CNC-Machined, then stringently tolerance tested before installation into sub-assemblies. Light, strong, dust proof and corrosion-resistant, all Miller camera support components are chosen for their ability to maintain strength and shape characteristics under the harshest temperature variations and climatic conditions. The complete assembly, testing and certification then follows. The final assurance of quality and longevity for our customers is a complete system test prior to dispatch.

Built to last

Backed by a 3-year warranty on the entire range of fluid heads and tripods and supported by service centres around the globe you can be confident that your Miller camera support product will be just as reliable in ten years time as it is the day it is purchased.

In addition Miller offers on-line advice through its website to help you locate your nearest service centre, obtain operator and technical manuals as well as a broad selection of spares and accessories.



0.3045

0.3040

Choosing a Fluid Head

If you ask any cinematographer what they consider to be the most important piece of equipment they will most likely tell you how important a rock solid tripod and fluid head is to capturing that perfect shot. Figuring out which fluid head and tripod system to use, however, can vary enormously depending upon your shooting style, budget and the type of location that your cinematography takes you.

Understanding the basic principles of fluid head technology can help simplify that process and assure you of many years of productive use.

Drag resistance

Soft starts and smooth stops are the hallmarks of Millers fluid drag system. In much the same way as the stroke of a rower is controlled by water, the fluid drag system applies carefully controlled resistance to ensure the force (torque) being applied by the camera operator remains constant throughout pan and tilt movements.

Miller offer a variety of models which include both constant drag resistance as well as those with selectable drag resistance dampening to increase the level of drag depending on your filming requirements. Unlike wind up systems stepped drag enables the user to precisely select the level of drag depending upon the distance, subject size and the speed of camera movement. Thus for shots where being able to follow the action quickly and smoothly is crucial the user can rapidly deploy a light pan and tilt torque settings without the need to continually adjust the resistance and then switch to heavier dampening for long sharp steady zooms.

Payload

One of the most important things you need to consider when choosing a fluid head is the payload capacity. Say your camera with lens weighs 4 kg (8.8 lbs) and you add a matte box and top mount view finder that weigh 5 kg (11 lbs). Total payload is now 9 kg (20 lbs) however because these accessories increase the physical size of the payload you will need to factor this into your calculations. i.e. A 4 kg (8.8 lbs) camera/lens with 5 kg (11 lbs) of bulky accessories may behave like a 13 kg (28.6 lbs) payload and will require a compatible camera support system.

To determine which products meet your payload requirements review the fluid head payload specifications and analyse the additional features of the range such as variable payload adjustment (counter balance) , camera plate travel range and adjustable pan and tilt drag control. Multiple choices are available ranging from compact lightweight 75mm heads through to heavy duty 150mm heads to suit your application and budget.

To help you find the right system for your camera visit www.millertipods.com

The importance of counterbalance

Fluid heads are designed to provide a constant level of resistance throughout pan/tilt movements. To meet various payloads capacities it is important to understand the effect that various camera configurations can have upon the camera's centre of gravity and balance.

The payload range of a fluid head is calculated at a specific height based on camera's centre of gravity. If an object is attached to a camera which changes its centre of gravity it will change the torque exerted on the camera causing it either tip forward or spring upright. The further the camera is tilted from the horizontal the more torque that is required to keep the camera in position.

To keep your camera moving smoothly no matter how it is configured Miller offer a variety of models with precise and easy to adjust counterbalance settings which compensate for payload set up.

Weight, simplicity, and build quality of the equipment as well as unobtrusiveness due to security issues in some areas were major factors in my choice of the DS 10 head and carbon fibre Solo tripod for the early Himalayan expeditions.

Peter Donaldson
JUPE Productions Australia
www.jupeproductions.com

Photo: Crew member Dan Novak with DS10 near Mt Jannu Nepal

DS

The Miller DS range has been specifically developed for small studio and location productions.

Built to withstand the rigours of modern digital video production the DS range of fluid heads are light weight, compact and reliable even in extreme environmental conditions.

They feature simple and easy to use controls for use with small to medium size cameras and are ideal for the budget conscious users seeking professional performance without compromise on quality.

At a glance

- ▶ 75 mm ball levelling with bubble level
- ▶ Fluid drag constant in all temperature ranges
- ▶ Integrated two step counterbalance system
- ▶ Compact, lightweight, and travelwise
- ▶ Payload capacity ranging from 0-10kg (0-22lbs)
- ▶ Simple, easy-to-operate controls
- ▶ Quick release sliding camera plates
- ▶ Pan/tilt locks with floating calliper type disc brakes.

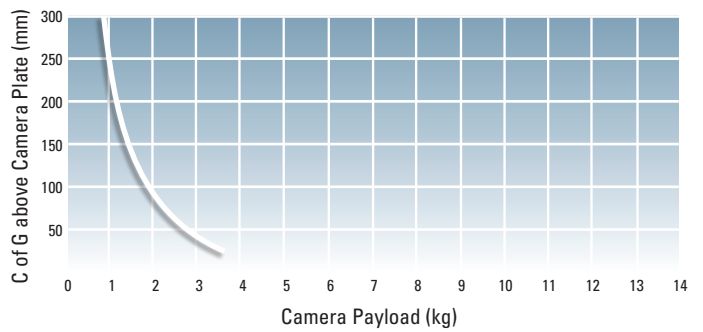


(180) DS 5 Fluid Head

Real fluid head performance for Mini-DV

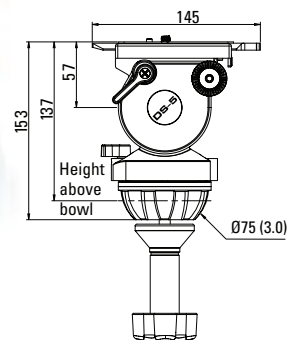
The DS 5 fluid head, precision made to exacting tolerances, using true fluid drag technology and high quality bearings will mark the commitment of camera operators not to compromise professional shooting when using lightweight cameras.

Counterbalance Performance



Features

- ▶ Mini DV camcorders to 2.5 kg
- ▶ Fluid drag system constant in all temperature ranges
- ▶ Integrated counterbalance system
- ▶ Quick release sliding camera plate: 1/4" Screw and pin
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ 75mm ball levelling with bubble level



Specifications

Weight	1.6 kg (3.5 lbs)	Counterbalance	Integrated for payloads up to 2.5 kg
Payload range	0-2.5 kg (0-5.5 lbs)	Camera platform	Quick release sliding camera plate with 1/4" + pin
Pan drag	Fluid drag, temperature resistant	Sliding range	60 mm (2.4")
Pan rotation	360°	Height above bowl	137 mm (5.4")
Pan lock	Calliper disc brake system	Mounting base	75 mm (2.9") ball levelling
Tilt drag	Fluid drag, temperature resistant	Temperature range	-40 to +65°C (-40 to 149°F)
Tilt angle	+ 90°/ -75°	Pan handle	Fixed length 390 mm (15.4")
Tilt lock	Calliper disc brake system		

(1637)

Accessories

Components:

- DS5 Fluid Head (180)
- Solo DV 2 Stage Alloy Tripod (1630)
- Pan Handle with Handle Carrier (681)
- Solo DV Case (1518)

Additional Pan Handle

- with Handle Carrier (681)
- 75/100mm Adaptor Plate (378)

Specifications:

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

Optional:

- Pan Handle (Non-telescopic) w/handle carrier (681)
- Solo DV Strap (1520)
- Solo Leg Covers (1590)
- Solo Dolly (394)



*Weight includes softcase.

The small Miller tripod has a very smooth fluid head ideal for the JVC camera. It was easy to carry with the camera attached or independently it could be handled easily by us or by the boat crews during our boardings and not take up much room on the zodiacs.

David 'Spider' Lewis ACS

www.spiderlewis.com

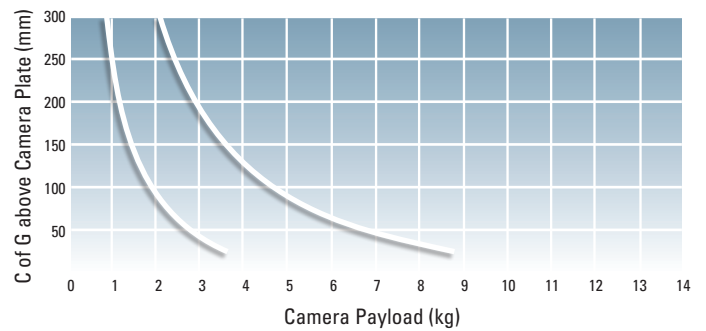


(182) DS10 Fluid Head

From videography to news the professionals ultra lightweight choice

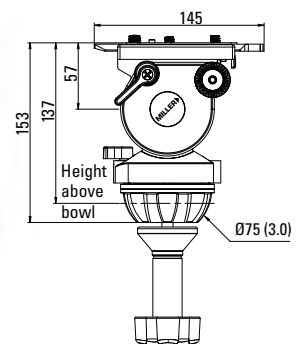
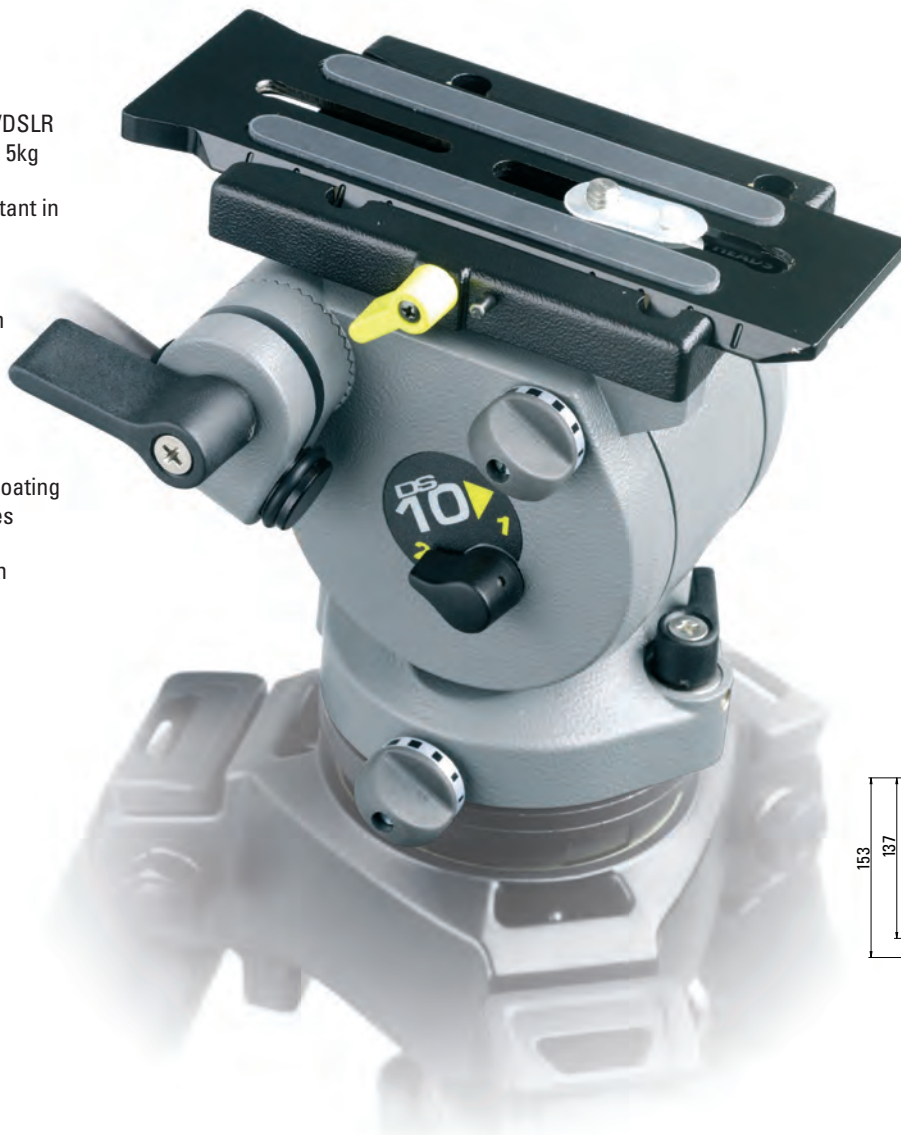
With the advent of single reporters/camera operators working in the field alone the DS10 fluid head has earned a reputation for providing professional fluid drag movement in an ultra lightweight yet robust head. Offering two selectable counterbalance positions for HDV/P2HD/XDCAM EX/DSLR camcorders using larger lens/batteries for payloads between 2.5kg to 5kg the DS10 provides the versatility that single camera operators require.

Counterbalance Performance



Features

- ▶ HDV/P2HD/XDCAM EX/DSLR camcorders from 2.5 to 5kg
- ▶ Fluid drag system constant in all temperature ranges
- ▶ Selectable counterbalance system
- ▶ Quick release, sliding camera plate: 1/4" screw and pin
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ 75mm ball levelling with bubble level



Specifications

Weight	1.7 kg (3.7 lbs)	Counterbalance	2 selectable positions
Payload range	2.5-5 kg (5.5-11 lbs)	Camera platform	Quick release sliding camera plate with 1/4" + pin
Pan drag	Fluid drag, temperature resistant	Sliding range	60 mm (2.4")
Pan rotation	360°	Height above bowl	137 mm (5.4")
Pan lock	Calliper disc brake system	Mounting base	75 mm (2.9") ball levelling
Tilt drag	Fluid drag, temperature resistant	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt angle	+ 90°/ -75°	Pan handle	Fixed length 390 mm (15.4")
Tilt lock	Calliper disc brake system		

(828)

Components:

- DS10 Fluid Head (182)
- Lightweight 75mm Alloy Tripod (440)
- Above Ground Spreader (Fixed) (835)
- Rubber Feet (550)
- Pan Handle with Handle Carrier (681)
- Shoulder Strap (554)
- Softcase (874)

Specifications:

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



(1640)

Components:

- DS10 Fluid Head (182)
- Solo DV 2 Stage Alloy Tripod (1630)
- Pan Handle with Handle Carrier (681)
- Solo DV Case (1518)

Specifications:

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



(1511)

Components:

- DS10 Fluid Head (182)
- Solo DV 2 Stage Carbon Fibre Tripod (1501)
- Pan Handle with Handle Carrier (681)
- Solo DV Strap (1520)
- Solo DV Case (1518)

Specifications:

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



*Weight includes softcase.

Accessories

- Additional Pan Handle with Handle Carrier (681)
- 75/100mm Adaptor Plate (378)

The greatest asset of the DS10 is its compact size, its sturdy design, and the perfect fluid motion of the head in both planes. These qualities become essential when you have to carry all the equipment yourself and then when the action is on, I can be setup and shooting within seconds in some pretty horrible conditions.

Dr. Dean Miller
www.deanmiller.com.au



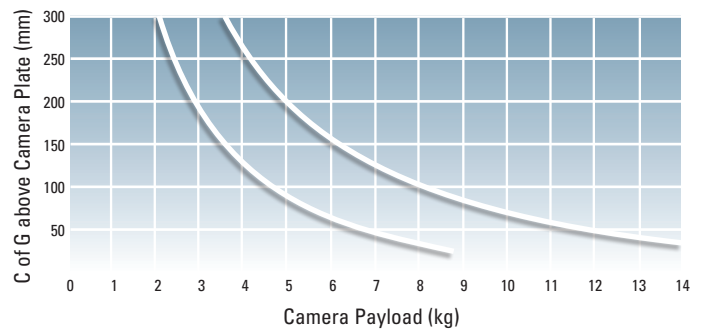
Photo: Dr Dean Miller on location in Arctic with Mammoth Tusk

(184) DS20 Fluid Head

Superior DV shooting

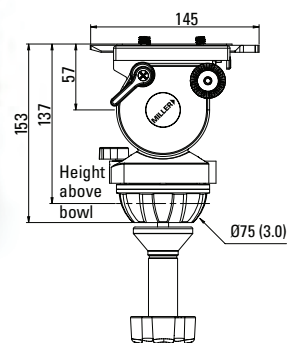
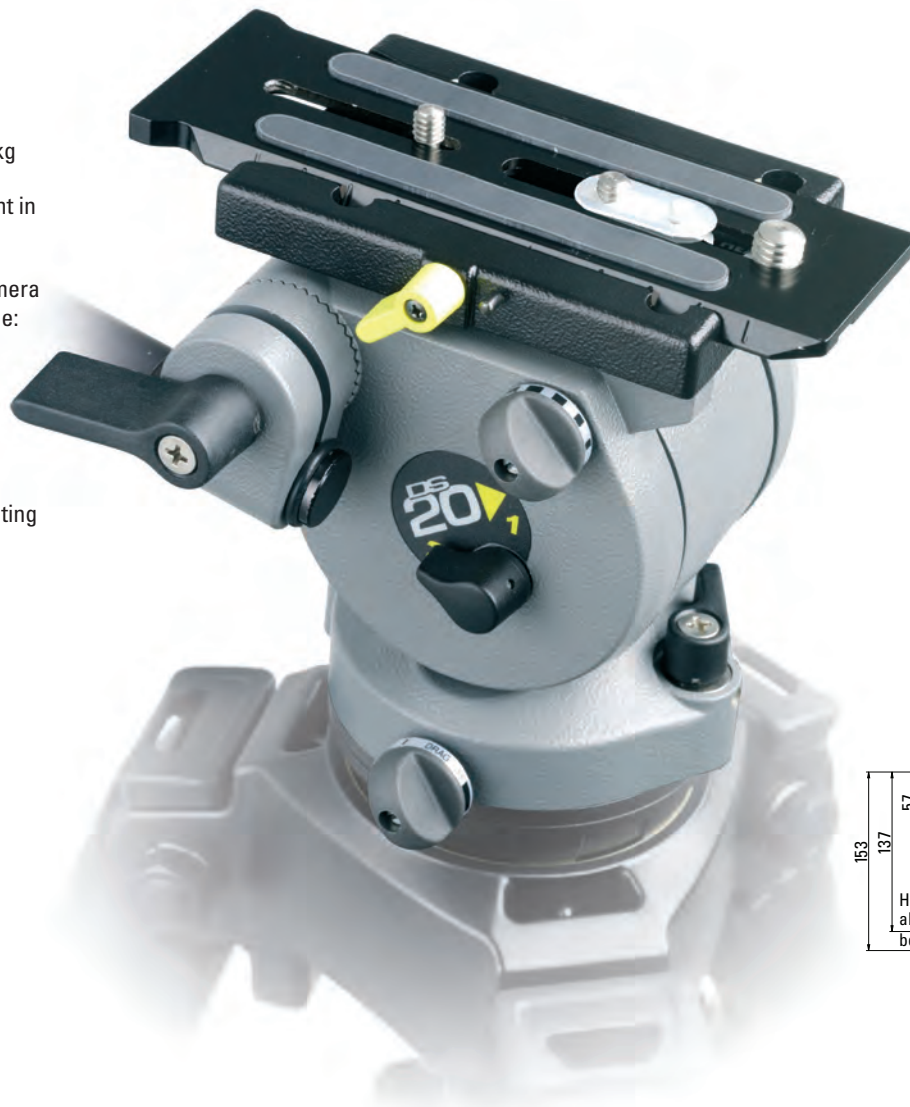
The DS20 fluid head with a payload range up to 10kg provides an economical alternative for HDV/P2HD/XDCAM EX cameras using additional on board accessories or configured for small studio use. The dual position counterbalance allows balancing of cameras both in standard configurations or heavier configurations.

Counterbalance Performance



Features

- ▶ HDV/P2HD/XDCAM EX camcorders from 5 to 10 kg
- ▶ Fluid drag system constant in all temperature ranges
- ▶ Quick release, sliding camera plate: Camera plate choice: 1/4" & 3/8" screws or 1/4" & pin
- ▶ Selectable counterbalance system
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ 75mm ball levelling with bubble level



Specifications

Weight	1.75 kg (3.9 lbs)	Counterbalance	2 selectable positions
Payload range	5-10 kg (11-22 lbs)	Camera platform	Quick release sliding camera plate with 1/4" + pin & 1/4" & 3/8" screws
Pan drag	Fluid drag, temperature resistant	Sliding range	60 mm (2.4")
Pan rotation	360°	Height above bowl	137 mm (5.4")
Pan lock	Calliper disc brake system	Mounting base	75 mm (2.9") ball levelling
Tilt drag	Fluid drag, temperature resistant	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt angle	+ 90° / -75°	Pan handle	Fixed length 390 mm (15.4")
Tilt lock	Calliper disc brake system		

(848)

Components:

DS20 Fluid Head	(184)
2 Stage 75mm Alloy Tripod	(420G)
Ground Spreader	(411)
Pan Handle with Handle Carrier	(681)
Shoulder Strap	(554)
Softcase	(876)

Specifications:

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



(850)

Components:

DS20 Fluid Head	(184)
2 Stage 75mm Alloy Tripod	(420)
Above Ground Spreader	(508)
Rubber Feet	(550)
Pan Handle with Handle Carrier	(681)
Shoulder Strap	(554)
Softcase	(876)

Specifications:

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



(1643)

Components:

DS20 Fluid Head	(184)
Solo DV 2 Stage Alloy Tripod	(1630)
Pan Handle with Handle Carrier	(681)
Solo DV Case	(1518)

Specifications:

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



(1514)

Components:

DS20 Fluid Head	(184)
Solo DV 2 Stage Carbon Fibre Tripod	(1501)
Pan Handle with Handle Carrier	(681)
Solo DV Strap	(1520)
Solo DV Case	(1518)

Specifications:

Weight*	4.9 kg (10.8 lbs)
Payload range:	5-10 kg (11-22 lbs)
Transport length:	831 mm (32.7")
Height range:	371-1751 mm (14.6-68.9")



Accessories

Additional Pan Handle with Handle Carrier	(681)
75/100mm Adaptor Plate	(378)

My Miller DS20 has been through the freezer of Antarctica, sweated in the heats of tropical India, diced with polar bears in the high Arctic, up the Himalayas to see dawn break over the world's highest mountains, strapped to cars and skied down the slopes of New Zealand. It's my trusted, dependable, versatile and reliable friend.

Robert Hollingworth
www.roberthollingworth.co.uk



*Weight includes softcase.

compass

A new direction in premium support

The Compass range of fluid heads provides professional performance combined with stylish design and user friendly features. Offering both 75 mm and 100 mm ball levelling versions this premium camera support range incorporates a wide payload range, selectable pan and tilt drag settings and illuminated bubble level in a low profile and lightweight fluid head.

Fluid drag that outperforms all the competition

Designed using the same drag components as those normally found in large fluid head systems rather than downsized components the Compass range provides uncompromising ultra smooth takes offs, followed by super stable pan/tilt moves and perfect stops.

Selectable pan and tilt drag settings also give users the ability to control drag resistance depending on their specific needs.

Counterbalance to suit the new generation of cameras

The four position counterbalance system in the Compass fluid heads supports a wide payload range of cameras and accessories. Designed to provide finger tip control the compass counterbalance system provides class leading performance throughout the entire tilt range.

Workmanship, point of precision

High manufacturing standards and advanced quality control ensure Compass components are produced with super fine tolerances that result in precision movements. The use of corrosion resistant materials, high strength impact absorbing polymers and dust proof/moisture resistant housings for the compass range ensure reliability even in the world's toughest environmental conditions.

At a glance

- ▶ Selectable fluid drag resistance
- ▶ 4 Positions of counterbalance
- ▶ Illuminated bubble level
- ▶ Quick release sliding camera platform
- ▶ 75 mm or 100 mm ball levelling
- ▶ Payload ranges from 2-14 kg (4.4-31lbs)
- ▶ 360° pan range
- ▶ -75° to + 90° tilt range
- ▶ Superior calliper disc brake system
- ▶ Telescopic or fixed pan handles

Shooting reality television is raw, real and there are no second chances. Miller's Compass 20 system consistently produces startling imagery whether I'm filming in the bush of Tanzania or under Montana's Big Sky.

Jim Kinsey
Skull Bound TV
skullbsoundtv.com



Fluid Heads

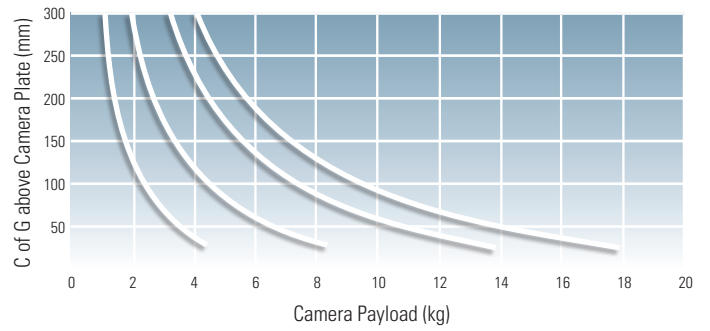
Compass

(1033) Compass 12 Fluid Head *

Lean, light, low for DV / DSLR on the go

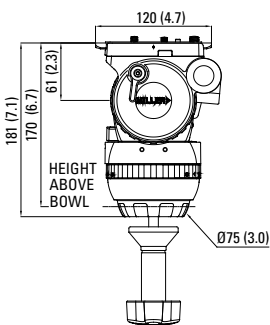
Compass 12 system is ideally suited for videographers using DSLR and lightweight DV cameras. It consists of compass 12 fluid head, Solo DV 2-Stage telescopic carbon fibre or alloy tripod and padded bag. It is the choice for users who are looking for precise, compact, lightweight, and rigid tripod systems.

Counterbalance Performance



Features

- ▶ Three selectable pan/tilt positions plus a zero position
- ▶ Four selectable positions of counterbalance for payloads between 2-10kg
- ▶ 60mm sliding camera plate for perfect C of G balancing
- ▶ Pan/tilt locks utilising floating caliper type disc brakes
- ▶ Replaceable handle carrier rosettes
- ▶ Functional, accessible controls with illuminated bubble level



*Available in systems only.

Specifications

Weight	2.5 kg (5.5 lbs)	Counterbalance	4 selectable positions
Payload range	2-10 kg (4.4-22 lbs)	Camera platform	Sliding camera plate with 1/4" & Pin with 1/4" and 3/8" screws
Pan drag	3 selectable fluid drag positions + 0	Sliding range	60 mm (2.4")
Pan range	360°	Height above bowl	170 mm (6.7")
Pan lock	Calliper disc brake system	Mounting base	75 mm (2.9") ball levelling
Tilt drag	3 selectable fluid drag positions + 0	Illuminated controls	Bubble level
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Fixed length 390 mm (15.4")

(1870)

- Components:**
 Compass 12 Fluid Head (1033)
 Solo DV 2 Stage Carbon Fibre Tripod (1501)
 Pan Handle with Handle Carrier (679)
 Solo Shoulder Strap (1520)
 Softcase (876)

- Specifications:**
 Weight*: 6.5 kg (14.3 lbs)
 Payload range: 2-10 kg (4.4-22 lbs)
 Transport length: 864 mm (34")
 Height range: 404-1784 mm (15.9-70.2")



(1876)

- Components:**
 Compass 12 Fluid Head (1033)
 Solo DV 2 Stage Alloy Tripod (1630)
 Pan Handle with Handle Carrier (679)
 Solo Shoulder Strap (1520)
 Softcase (876)

- Specifications:**
 Weight*: 7.1 kg (15.6 lbs)
 Payload range: 2-10 kg (4.4-22 lbs)
 Transport length: 870 mm (34.3")
 Height range: 404-1795 mm (15.9-70.7")



Accessories

- Compass 12 Camera Plate includes 1/4" & pin and 1/4" & 3/8" screws (1204)
- Offset Camera Plate (858)
(2 x 3/8" camera screws)
- Additional Pan Handle with Handle Carrier (679)
- 75/100mm Adaptor Plate (378)
- Telescopic Pan Handle with Handle Carrier (694)
- Accessory Mounting Bracket (1216)
- Accessory Adaptor 1/4", 3/8" holes to suit (1217)
- Solo DV Dolly for Solo DV Tripods (394)
- Mini Euro Sliding Plate Assembly (P7800) (P7800)
- Euro Sliding Plate Assembly (P7840) (P7840)
- Mini Euro Camera Plate (1208)
to suit (P7800)
- Euro Camera Plate to suit (P7840) (860)

*Weight includes softcase

I am extremely happy with the smoothness of the tilt and pan mechanism of compass 12. The ease of adjusting the drag through the dials is a great advantage and the easily adjustable counterbalance dial also makes setup much faster.

Peter Donaldson
 JUPE Productions Australia
www.jupeproductions.com

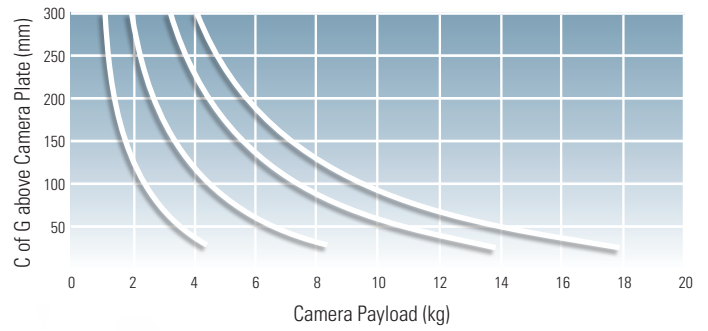


(1034) Compass 15 Fluid Head

The first 75mm heads with real professional drag performance

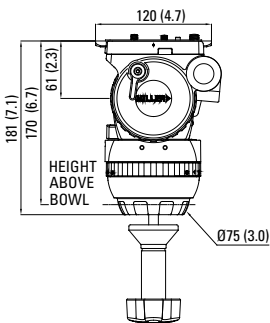
The Compass 15 fluid head provides professional performance for the latest generation of lightweight HDV / DVCAM / XDCAM / P2HD and DSLR cameras with payloads between 2-10kg. With the best pan and tilt fluid drag range in its class and combined with a selectable counterbalance system the versatile Compass 15 is the lightweight solution.

Counterbalance Performance



Features

- ▶ Five selectable fluid drag plus a zero position, from light to heavy
- ▶ Selectable counterbalance system for payloads between 2-10kg
- ▶ 60mm sliding camera plate for perfect C of G balancing
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ Replaceable handle carrier rosettes
- ▶ Functional, accessible controls with illuminated bubble level



Specifications

Weight	2.5 kg (5.5 lbs)	Counterbalance	4 selectable positions
Payload range	2-10 kg (4.4-22 lbs)	Camera platform	Sliding camera plate with 1/4" & Pin with 1/4" and 3/8" screws
Pan drag	5 selectable fluid drag positions + 0	Sliding range	60 mm (2.4")
Pan range	360°	Height above bowl	170 mm (6.7")
Pan lock	Calliper disc brake system	Mounting base	75 mm (2.9") ball levelling
Tilt drag	5 selectable fluid drag positions + 0	Illuminated controls	Bubble level
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Fixed length 390 mm (15.4")

(1827)

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

- Specifications:**
- Weight*: 7.8 kg (17.2 lbs)
 - Payload range: 2-10 kg (4.4-22 lbs)
 - Transport length: 860 mm (33.9")
 - Height range: 560-1730 mm (22.0-68.1")



(1828)

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

- Specifications:**
- Weight*: 7.8 kg (17.2 lbs)
 - Payload range: 2-10 kg (4.4-22 lbs)
 - Transport length: 860 mm (33.9")
 - Height range: 560-1730 mm (22.0-68.1")



(1831)

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

- Specifications:**
- Weight*: 7.3 kg (16.1 lbs)
 - Payload range: 2-10 kg (4.4-22 lbs)
 - Transport length: 870 mm (34.3")
 - Height range: 404-1795 mm (15.9-70.7")



(1833)

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

- Specifications:**
- Weight*: 6.7 kg (14.8 lbs)
 - Payload range: 2-10 kg (4.4-22 lbs)
 - Transport length: 864 mm (34.0")
 - Height range: 404-1784 mm (15.9-70.2")



(2020)

- Components:**
- Compass 15 Fluid Head (1034)
 - Solo DV 3 Stage Carbon Fibre Tripod (2001) (2001)
 - Pan Handle with Handle Carrier (679)
 - Solo Shoulder Strap (1520) (1520)
 - Softcase (876)

- Specifications:**
- Weight*: 7.2 kg (15.9 lbs)
 - Payload range: 2-10 kg (4.4-22 lbs)
 - Transport length: 828 mm (32.6")
 - Height range: 390-2040 mm (15.4-80.3")



Accessories

- Offset Camera Plate (2 x 3/8" camera screws) (858)
- Additional Pan Handle with Handle Carrier (679)
- Telescopic Pan Handle with Handle Carrier (694)
- 75/100mm Adaptor Plate (378)
- Accessory Mounting Bracket (1216)
- Accessory Adaptor 1/4", 3/8" holes to suit (1216) (1217)
- Mini Euro Sliding Plate Assembly (P7800) (P7800)
- Euro Sliding Plate Assembly (P7840) (P7840)
- Mini Euro Camera Plate to suit (P7800) (1208)
- Euro Camera Plate to suit (P7840) (860)

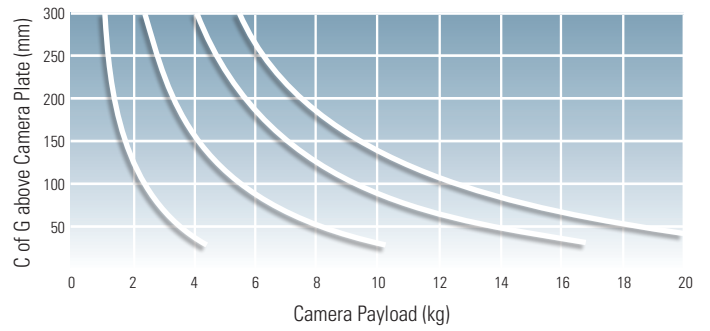
*Weight includes softcase

(1036) Compass 20 Fluid Head

Speed, performance, versatility from DV to ENG

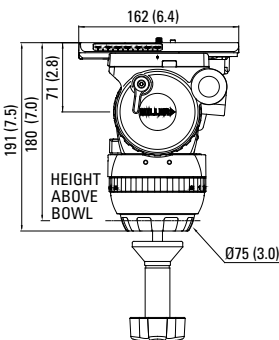
The Compass 20 fluid head with 2-12kg payload range enables a large choice of cameras and camera configurations to be used. From HDV/ DVCAM to XDCAM / P2HD and DSLR cameras the Compass 20 fluid head is one of the most versatile pan/tilt heads available. A quick release camera mounting system utilising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

Counterbalance Performance



Features

- ▶ Widest range of fluid drag in its class, from light to heavy
- ▶ Selectable counterbalance system for payloads between 2-12kg
- ▶ Quick release with mini Euro camera plate system incorporating 60mm sliding camera platform for perfect C of G balancing
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ Replaceable handle carrier rosettes
- ▶ Functional, accessible controls with illuminated bubble level



Specifications

Weight	2.7 kg (5.95 lbs)	Counterbalance	4 selectable positions
Payload range	2-12 kg (4.4-26.5 lbs)	Camera platform	Sliding Camera Platform with quick release mini Euro camera plate with 1/4" & pin and 1/4" and 3/8" screws
Pan drag	5 selectable fluid drag positions + 0	Sliding range	60 mm (2.4")
Pan range	360°	Height above bowl	180 mm (7.1")
Pan lock	Calliper disc brake system	Mounting base	75 mm (2.9") ball levelling
Tilt drag	5 selectable fluid drag positions + 0	Illuminated controls	Bubble level
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Fixed length 390 mm (15.4")

(1840)

Components:

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

Specifications:

Weight*:	8.0 kg (17.6 lbs)
Payload range:	2-12 kg (4.4-26.5 lbs)
Transport length:	870 mm (34.3")
Height range:	570-1740 mm (22.4-68.5")



(1841)

Components:

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

Specifications:

Weight*:	8.0 kg (17.6 lbs)
Payload range:	2-12 kg (4.4-26.5 lbs)
Transport length:	870 mm (34.3")
Height range:	570-1740 mm (22.4-68.5")



(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 lbs)
Payload range:	2-12 kg (4.4-26.5 lbs)
Transport length:	880 mm (34.6")
Height range:	414-1805 mm (16.3-71.1")



(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*:	6.9 kg (15.2 lbs)
Payload range:	2-12 kg (4.4-26.5 lbs)
Transport length:	874 mm (34.4")
Height range:	414-1794 mm (16.3-70.6")



(2030)

Components:

Compass 20 Fluid Head	(1036)
Solo DV 3 Stage Carbon Fibre Tripod	(2001)
Pan Handle with Handle Carrier	(679)
Solo Shoulder Strap	(1520)
Softcase	(876)

Specifications:

Weight*:	7.4 kg (16.3 lbs)
Payload range:	2-12 kg (4.4-26.5 lbs)
Transport length:	838 mm (33.0")
Height range:	400-2050 mm (15.7-80.7")



Accessories

Offset Camera Plate (2 x 3/8" camera screws)	(858)
Additional Pan Handle with Handle Carrier	(679)
Telescopic Pan Handle with Handle Carrier	(694)
75/100mm Adaptor Plate	(378)
Accessory Mounting Bracket	(1216)
Accessory Adaptor 1/4", 3/8" holes to suit (1216)	(1217)
Mini Euro Sliding Plate Assembly	(P7800)
Euro Sliding Plate Assembly	(P7840)
Mini Euro Camera Plate to suit (P7800)	(1208)
Euro Camera Plate to suit (P7840)	(860)

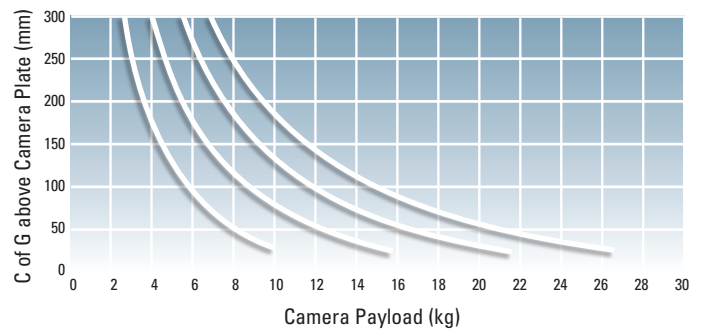
*Weight includes softcase

(1038) Compass 25 Fluid Head

The lightweight 100mm choice for ENG

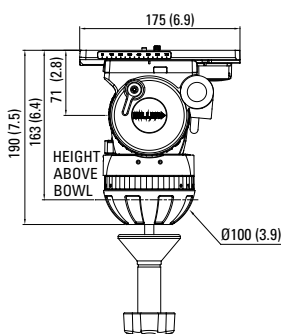
The Compass 25 fluid head with 4-14kg payload range enables a diverse choice of cameras and camera configurations to be used. From HDV/DVCAM to XDCAM and P2HD cameras the Compass 25 fluid head is one of the most versatile, lightweight ENG pan/tilt heads available. Incorporating 100mm ball levelling and a quick release camera mounting system utilising a standard Euro camera plate allows the Compass 25 to integrate easily into existing camera support inventories.

Counterbalance Performance



Features

- ▶ Selectable counterbalance system for payloads between 4-14kg
- ▶ Five selectable positions of drag plus a zero position
- ▶ Quick release, 70mm sliding camera platform with standard Euro camera plate
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ Replaceable handle carrier rosettes
- ▶ Functional, accessible controls with illuminated bubble level



Specifications

Weight	2.8 kg (6.2 lbs)	Counterbalance	4 selectable positions
Payload range	4-14 kg (8.8-30.9 lbs)	Camera platform	Sliding Camera Platform with quick release Euro plate with 1/4" & pin and 1/4" and 3/8" screws
Pan drag	5 selectable fluid drag positions + 0	Sliding range	70 mm (2.8")
Pan range	360°	Height above bowl	163 mm (6.4")
Pan lock	Calliper disc brake system	Mounting base	100mm (3.9") ball levelling
Tilt drag	5 selectable fluid drag positions + 0	Illuminated controls	Bubble level
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Telescopic 390 to 590 mm (15.4 to 23.2")

(1851)

Components:

Compass 25 Fluid Head	(1038)
2 Stage 100mm Alloy Tripod	(402G)
Ground Spreader	(411)
Pan Handle with Handle Carrier	(694)
Shoulder Strap	(554)
Softcase	(876)

Specifications:

Weight*:	8.1 kg (19.6 lbs)
Payload range:	4-14 kg (8.8-30.9 lbs)
Transport length:	853 mm (33.8")
Height range:	553-1723 mm (22.0-68.0")



(1852)

Components:

Compass 25 Fluid Head	(1038)
2 Stage 100mm Alloy Tripod	(402)
Above Ground Spreader	(508)
Rubber Feet	(550)
Pan Handle with Handle Carrier	(694)
Shoulder Strap	(554)
Softcase	(876)

Specifications:

Weight*:	8.1 kg (19.6 lbs)
Payload range:	4-14 kg (8.8-30.9 lbs)
Transport length:	853 mm (33.8")
Height range:	553-1723 mm (22.0-68.0")



(1854)

Components:

Compass 25 Fluid Head	(1038)
Sprinter II 2 Stage CF Tripod	(1576)
Mid Level Spreader	(993)
Pan Handle with Handle Carrier	(694)
Rubber Feet	(475)
Softcase	(872)

Specifications:

Weight*:	9.65 kg (21.3 lbs)
Payload range:	4-14 kg (8.8-30.9 lbs)
Transport length:	863 mm (33.9")
Height range:	603-1693 mm (23.7-66.6")



(1857)

Components:

Compass 25 Fluid Head	(1038)
Solo ENG 3 Stage Carbon Fibre Tripod	(1505)
Pan Handle with Handle Carrier	(694)
Solo Shoulder Strap	(1520)
Softcase	(872)

Specifications:

Weight*:	8.9 kg (19.6 lbs)
Payload range:	4-14 kg (8.8-30.9 lbs)
Transport length:	821 mm (32.3")
Height range:	383-2033 mm (15.1-80")



Accessories

Offset Camera Plate (2 x 3/8" camera screws)	(858)
Telescopic Pan Handle with Handle Carrier	(694)
Accessory Mounting Bracket	(1216)
Accessory Adaptor 1/4", 3/8" holes to suit (1216)	(1217)

75/100mm Adaptor Plate	(378)
Mini Euro Sliding Plate Assembly	(P7800)
Euro Sliding Plate Assembly	(P7840)
Mini Euro Camera Plate to suit (P7800)	(1208)
Euro Camera Plate to suit (P7840)	(860)

Our style of mobile production really calls for a lightweight head - but it must be also strong, durable, and have great head performance. We found exactly that in the Miller Compass 25 head! The pans and tilts are glass smooth, the head supports our mobile Epic setups perfectly, and the head easily survives the challenging conditions we regularly work in - mountains, deserts, and tropics.

Steve Gibby
 Producer, DoP, Cinematographer
 Cut 4 Media Group
 Golden Gate 3D



*Weight includes softcase

Photo: Ketch Rossi

arrow

The ENG Masters

Especially designed for fast paced news gathering and documentary production the Arrow range of fluid heads provide unsurpassed fluid drag performance and precise counterbalance control for camera payloads ranging from 3.5 kg (7 lbs) to 25 kg (55 lbs).

Precision in motion

Engineered to exacting tolerances, built to withstand the world's most challenging environments the Arrow range is a class leader for versatility and portability. With a wide range of pan and tilt drag settings that enable shots ranging from fast action to long slow heavy pans make the Arrow perfect for even the most demanding location shot.

A compact heavy duty performer


With up to seven selectable drag levels and simple easy to use rear mounted controls which are illuminated for use in low visibility conditions the Arrow range has become the professional's choice of camera support for documentary and broadcast news production.

At a glance

- ▶ Selectable fluid drag resistance
- ▶ 4 Positions of counterbalance
- ▶ Easy-to-operate rear mounted controls
- ▶ Illuminated bubble level, tilt and pan control indicators
- ▶ Quick release sliding camera platform
- ▶ 100mm ball levelling
- ▶ Payload ranges from 3.5-25 kg (7-55lbs)
- ▶ 360° pan range
- ▶ + 90° to -75° tilt range
- ▶ Superior calliper disc brake system
- ▶ Telescopic or fixed pan handle



Photo: Geoff Mackley with Arrow tripod system in the crater of the Marum Volcano on Ambrym Island in Vanuatu



If a human can't survive then neither will your gear, so I take it as close as I can and use my judgement about safety, temperature, etc. The gear I use can never be the limiting factor. In all the environments I have taken the Arrow system - tropical rainstorm or searing volcanic heat - the head's action and control have remained consistent and allowed me to achieve the best shots possible under incredibly adverse conditions.

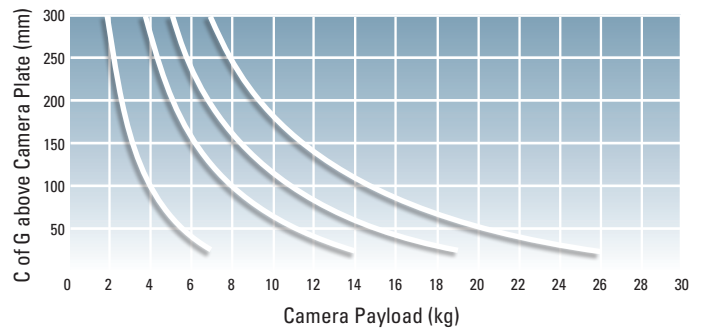
Brad Ambrose
Photojournalist
NEWSMEDIA.co.nz

(1022) Arrow 25 Fluid Head

From DSLR to ENG

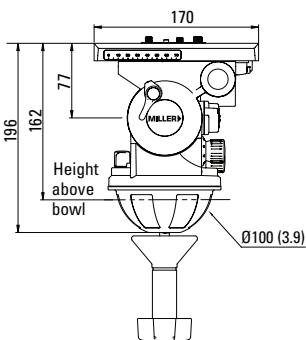
The Arrow 25 is designed to support the latest generation in acquisition from the DSLR to film-ready HDV alternatives to the lightweight ENG camcorders providing outstanding fluid drag performance. Selectable 4 position counterbalance and 70mm sliding camera platform to balance a wide range of camera loads from 3.5-14kg makes the Arrow 25 one of the most versatile camera support platforms available.

Counterbalance Performance



Features

- ▶ Selectable counterbalance for payloads from 3.5–14kg
- ▶ 5 (plus zero) positions of fluid pan and tilt drag
- ▶ Quick release, 70mm sliding camera platform with standard Euro camera plate
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ Functional, protected rear mounted controls
- ▶ White light illumination of bubble level and controls for pan and tilt



Specifications

Weight	3.0 kg (6.6 lbs)	Counterbalance	4 selectable positions
Payload range	3.5-14 kg (7-30 lbs)	Camera platform	Quick release camera plate with 1/4" & 3/8" screws
Pan drag	5 selectable fluid drag positions + 0	Sliding range	70 mm (2.8")
Pan rotation	360°	Height above bowl	162 mm (6.4")
Pan lock	Calliper disc brake system	Mounting base	100 mm (3.9") ball levelling
Tilt drag	5 selectable fluid drag positions + 0	Illuminated controls	Bubble level & pan/tilt indicators
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Telescopic 390 to 590 mm (15.4 to 23.2")

(1769)

Components:

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

Specifications:

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



(1770)

Components:

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

Specifications:

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



(1773)

Components:

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

Specifications:

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



(1774)

Components:

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

Specifications:

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



(1778)

Components:

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

Specifications:

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



(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 lbs)
Payload range:	3.5-14 kg (7-30 lbs)
Transport length:	820 mm (32.3")
Height range:	382-2032 mm (15-80")



Accessories

Offset Camera Plate (2 x 3/8" camera screws)	(858)
Telescopic Pan Handle with Handle Carrier	(694)
Accessory Mounting Bracket	(1219)
Accessory Adaptor 1/4", 3/8" holes to suit	(1217)

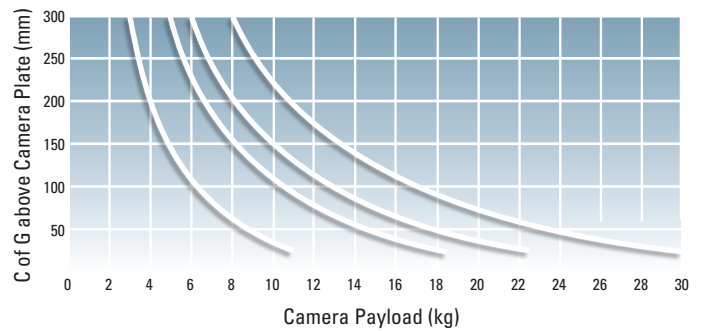
*Weight includes softcase.

(1025) Arrow 40 Fluid Head

The ENG Master

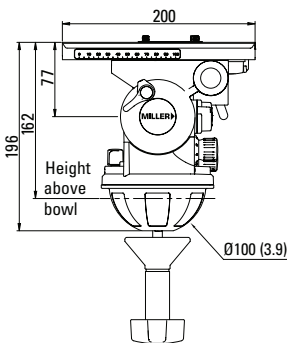
The Arrow 40 fluid head performance and features has evolved from the demanding world of news gathering. Strength, durability and smooth fluid action have been combined in a simple-to-operate fluid head offering 7 positions of pan and tilt drag in addition to its many other features. The Arrow 40 offers 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

- ▶ Selectable counterbalance for payloads from 7–16kg
- ▶ 7 (plus zero) positions of fluid pan and tilt drag
- ▶ Quick release, 100mm sliding camera platform with standard Euro camera plate
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ Functional, protected rear mounted controls
- ▶ White light illumination of bubble level and controls for pan and tilt



Specifications

Weight	3.2 kg (7.1 lbs)	Counterbalance	4 selectable positions
Payload range	7-16 kg (15-35 lbs)	Camera platform	Quick release camera plate with 1/4" & 3/8" screws
Pan drag	7 selectable fluid drag positions + 0	Sliding range	100 mm (3.9")
Pan rotation	360°	Height above bowl	162 mm (6.4")
Pan lock	Calliper disc brake system	Mounting base	100 mm (3.9") ball levelling
Tilt drag	7 selectable fluid drag positions + 0	Illuminated controls	Bubble level & pan/tilt indicators
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Telescopic 390 to 590 mm (15.4 to 23.2")

(1680)

Components:

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

Specifications:

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



(1681)

Components:

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

Specifications:

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



(1686)

Components:

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

Specifications:

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



(1690)

Components:

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

Specifications:

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



(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 lbs)
Payload range:	7-16 kg (15-35 lbs)
Transport length:	820 mm (32.3")
Height range:	382-2032 mm (15-80")



Whether it's shooting live news or network reality television, my Arrow 40 never lets me down. Its durability and quick setup allows for attaining different framing heights quickly and effortlessly, and it can be mounted solidly on any surface in the most extreme weather conditions.

Wesley Nott
Owner, It's a Boomerang
www.itsaboomerang.tv

Accessories

Offset Camera Plate (2 x 3/8" camera screws)	(858)
Telescopic Pan Handle with Handle Carrier	(694)
Accessory Mounting Bracket	(1219)
Accessory Adaptor 1/4", 3/8" holes to suit (1219)	(1217)

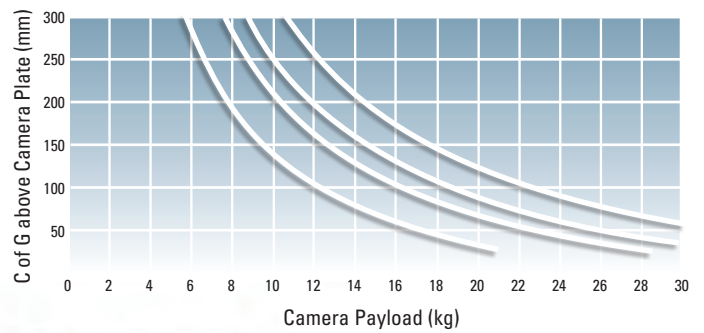
*Weight includes softcase.

(1028) Arrow 55 Fluid Head

The heavy duty performer for ENG/EFP

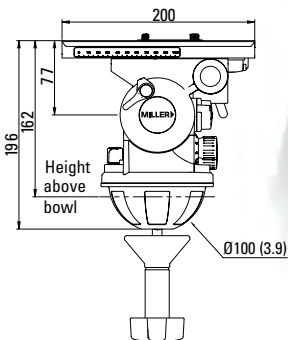
The Arrow 55 fluid head with 100mm sliding camera platform provides higher load capacity to suit documentary, lifestyle, HD productions and is particularly suited to long-lens applications or Studio/EFP configurations. Coupled with widest range of pan and tilt drag, ideal for slow, heavy pans; the Arrow 55 is the heavy duty performer.

Counterbalance Performance



Features

- ▶ Selectable counterbalance for payloads from 10-25kg
- ▶ 7 (plus zero) positions of fluid pan and tilt drag
- ▶ Quick release, 100mm sliding camera platform with standard Euro camera plate
- ▶ Pan/tilt locks utilising floating calliper type disc brakes
- ▶ Functional, protected rear mounted controls
- ▶ White light illumination of bubble level and controls for pan and tilt



Specifications

Weight	3.2 kg (7.1 lbs)	Counterbalance	4 selectable positions
Payload range	10-25 kg (22-55 lbs)	Camera platform	Quick release camera plate with 1/4" & 3/8" screws
Pan drag	7 selectable fluid drag positions + 0	Sliding range	100 mm (3.9")
Pan rotation	360°	Height above bowl	162 mm (6.4")
Pan lock	Calliper disc brake system	Mounting base	100 mm (3.9") ball levelling
Tilt drag	7 selectable fluid drag positions + 0	Illuminated controls	Bubble level & pan/tilt indicators
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Telescopic 390 to 590 mm (15.4 to 23.2")

(1717)

Components:

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

Specifications:

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



(1718)

Components:

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

Specifications:

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



(1726)

Components:

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

Specifications:

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



(1737)

Components:

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

Specifications:

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



(1741)

Components:

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

Specifications:

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



the Arrow 55 head & HD Legs were perfectly suited for both Doco and Drama production using a wide range of lens on both the Sony F3 and Sony PDW 800 HD. The solidness of the tripod with a long lens never failed to impress.

Geoff Ellis

www.geoffreyellis.com.au

Accessories

Offset Camera Plate (2 x 3/8" camera screws)	(858)
Telescopic Pan Handle with Handle Carrier	(694)
Accessory Mounting Bracket	(1219)
Accessory Adaptor 1/4", 3/8" holes to suit	(1217)

*Weight includes softcase.



skyline

Take the big picture

Designed for lightweight sports, EFP, OB and Studio productions, the Skyline brings a new dimension to professional camera support. Incorporating advanced precision drag and counterbalance systems controlled through a rear mounted "all in one location" operating layout the Skyline series make it quicker and easier to set up and capture the action than ever before.

See the light

With the hectic demands of today's professional camera operator in mind the Skyline is packed with clever little touches like an illuminated rear mounted control panel to enable users to make quick and simple changes on the go day and night. Adjusting your tripod settings couldn't be easier with a bubble level, dial up drag resistance as well as selectable counterbalance settings that light up at the touch of a button.

Fast, Reliable and Repeatable

With up to 7 plus zero selectable levels of drag resistance and 8 counterbalance settings to choose from the Skyline offers fast set up which is both reliable and repeatable time after time yet versatile to use with a wide array of camera configurations.

At a glance

- ▶ Easy-to-operate rear mounted controls
- ▶ Illuminated bubble level, tilt and pan control indicators
- ▶ 150 mm ball levelling
- ▶ Payload ranges from 4.5-40kg (9.9-88lbs)
- ▶ 8 Positions of counter balance
- ▶ Selectable fluid drag resistance
- ▶ Quick release sliding camera platform
- ▶ Superior calliper disc brake system and safety lock
- ▶ 360° Pan range
- ▶ + 90° to -75° tilt range
- ▶ Twin telescopic pan handles
- ▶ Dual side mounts for viewfinders and accessories
- ▶ Water and dust resistant light weight alloy construction.



The Skyline 70 provides big system performance yet offers the versatility of multiple payload configurations. The super smooth pan and tilt motion is perfect for capturing long lens action shots without even the slightest shake.

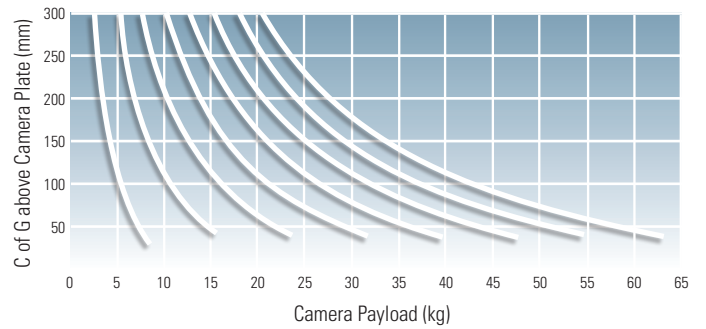


(1050) Skyline 70 Fluid Head

Robust support for sport, studio and outside broadcast

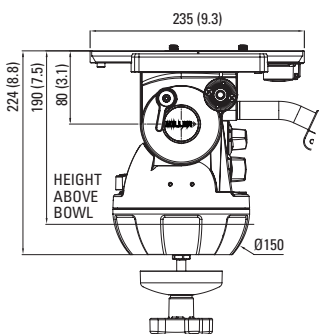
Skyline 70 fluid head provides robust, reliable and versatile 150mm ball levelling support for lighter weight sports, studio, EFP and outside broadcast productions. A new counterbalance system and quick release 120mm sliding plate offer easy balancing for wide payloads from 4.5kg to 37.5kg. An extended drag range from ultra light to heavy supplies true fluid action, soft take offs, smooth stops with no over runs plus safety tilt lock and diagonal transition optimizes payload protection.

Counterbalance Performance



Features

- ▶ Payload range from 4.5-37.5 kg
- ▶ Quick release, 120mm sliding camera platform with large Euro camera plate
- ▶ 7 (plus zero) positions of selectable fluid pan and tilt drag
- ▶ 8 positions of selectable counterbalance
- ▶ 150mm ball levelling
- ▶ Rear facing illuminated controls.



Specifications

Weight	6.0 kg (13.2 lbs)	Camera platform	Quick release camera plate with 2 x 3/8" screws
Payload range	4.5-37.5 kg (9.9-82.5 lbs)	Sliding range	120 mm (4.7")
Pan drag	7 selectable fluid drag positions + 0	Height above bowl	190 mm (7.5")
Pan range	360°	Mounting base	150 mm (5.9") ball levelling
Pan lock	Calliper disc brake system	Illuminated controls	Bubble level
Tilt drag	7 selectable fluid drag positions + 0	Safety lock	Quick release tilt lock pin
Tilt angle	+90°/-75°	Temperature range	-40° to +65°C (-40° to +149°F)
Tilt lock	Calliper disc brake system	Pan handle	Telescopic x 2, 390 to 590 mm (15.4 to 23.2")
Counterbalance	8 selectable positions		

(2060)

Components:

Skyline 70 Fluid Head	(1050)
Heavy Duty 2 Stage Carbon Fibre Tripod	(937)
Mid Level Spreader	(993)
Rubber Feet	(475)
2 Telescopic Pan Handle with Handle Carriers	(694)

Specifications:

Weight:	11.6 kg (25.5 lbs)
Payload range:	4.5-37.5 kg (9.9-82.5 lbs)
Transport length:	940 mm (37.0")
Height range:	710-1805 mm (28.0-71.1")



(2070)

Components:

Skyline 70 Fluid Head	(1050)
Heavy Duty Single Stage Alloy Tripod	(943)
Mid Level Spreader	(993)
Rubber Feet	(475)
2 Telescopic Pan Handle with Handle Carriers	(694)

Specifications:

Weight:	12.3 kg (27.1 lbs)
Payload range:	4.5-37.5 kg (9.9-82.5 lbs)
Transport length:	1130 mm (44.5")
Height range:	990-1780 mm (39.0-70.1")



(2075)

Components:

Skyline 70 Fluid Head	(1050)
Heavy Duty Studio Alloy Tripod	(944)
Mid Level Spreader	(993)
Rubber Feet	(475)
2 Telescopic Pan Handle with Handle Carriers	(694)
Studio Tracker Dolly	(483)

Specifications:

Weight:	18.7 kg (41.1 lbs)
Payload range:	4.5-37.5 kg (9.9-82.5 lbs)
Transport length:	980 mm (38.6")
Height range:	1044-1635 mm (41.1-64.4")



Accessories

Telescopic Pan Handle with Handle Carrier	(694)
Accessory Mounting Bracket	(1221)
Accessory Adaptor 1/4", 3/8" holes to suit	(1217)
Hardcase	(318)

Tripods: a vital stable base for overall performance

Just as the fluid head is a vital part of a camera's overall performance so 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 light weight carbon fibre or precision alloy tubing. These combined elements provide rigidity and stability across the complete range of Miller tripods, even on the heaviest pans in the most difficult conditions.

Choosing a Tripod

The fluid head you have chosen will influence your tripod options. Varying tripod models are available in 75mm, 100mm or 150 mm bowl sizes to match the head you have chosen.

Tripods are also available in single, two and three stage configurations with the option of high performance carbon fibre or alloy tubing as well as a choice of compatible locking systems. Single stage systems are general lighter and quicker to deploy whereas two and three stage systems provide more versatility for height adjustment as well as greater stability.

Spreader selection: Miller offers three spreader styles along with the option of no spreader on the Solo tripod range. A tripod spreader assists the setup of your tripod by keeping the legs at an equal or preset distance and also assists stability.

The spreader options are:

A. Ground Spreader:

When most shooting is performed on a level surface

B. Above Ground Spreader:

When shooting is often performed on uneven surfaces.

C. Mid Level Spreader:

Suitable for shooting on all surfaces. A Mid-level spreader includes an adjustable centre hub for height trimming.

To determine which products match your requirements best you should consider which features of the range, such as size, weight, speed of operation, versatility and spreader choice are most important for how you expect to use your tripod.

With Millers diverse range of tripods including the unique all terrain Solo and the rapid set up Sprinter you are sure to find a system to match your requirements and budget.



When filming in various destinations around the world, you need a reliable, lightweight, go anywhere or adapt to any situation type tripod. My Miller tripod system is all that and much more.

Daniel McPherson
Places We Go
www.placeswego.com



SOLO

Lean, Light, Low for DV/DSLR on the go!

The solo 75mm diameter bowl tripod range takes versatility and portability to a new plateau. Utilising an innovative leg angle lock mechanism the Solo system eliminates the need for a spreader whilst still offering rock solid support. No other tripod matches the performance of the Solo tripod.



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 with 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.



The ultimate ultra light ENG tripod

Reaching a sky high 1870mm (73.6") down to a ground hugging 220mm (8.7") without a spreader and easy ball levelling the Solo ENG series of 100 mm bowl tripods is built to tackle even the most demanding conditions of on location shooting yet light enough to take anywhere.



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 with 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 220-1870mm (8.7-73.6")!

Ultra strong - leg and bowl rigidity.

Three Position Leg Angle Locks eliminate the need for a spreader

The 3-position leg angle locks take Solo down to a ground-hugging 220mm (8.7")-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 1870mm (73.6") 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 220mm (8.7"), no spreader and easy ball levelling, you are guaranteed of superbly stable images from any angle across any terrain.



Specifications

Cat. #	1505	Payload	30 kg (66 lbs)
Bowl Diameter	100 mm (3.9")	Weight	3.1 kg (6.8 lbs)
Leg Extension	3-Stage telescopic	Max. Height	1870 mm (73.6")
Lock Type	Concentric	Min. Height	220 mm (8.7")
Leg Material	Carbon Fibre	Transport Length	685 mm (25.9")

TOGGLE TRIPODS

Speedy, light weight performers

Built for compact storage, maximum strength and optimum versatility the Toggle Tripod range lets you set up in seconds whilst offering optimum torsional rigidity for stable shooting in the studio or on location.



75 mm / 100 mm Bowl levelling

Cast Alloy reinforced bowl design for maximum torsional rigidity and superior stability under load.



Above Ground Spreader

A versatile above ground spreader, designed for use with all toggle tripod models provides maximum stability for tripod mounting on uneven surfaces.



Fast Toggle Adjustment

With just a single twist the toggle lever is designed to provide positive leg locking for fast set up without risk of over tightening.

Dual Spikes with removable feet

Ideal for difficult terrains simply remove the feet when extra grip is required.



SPRINTER II

Speed without compromise

The patented Sprinter II rapid deployment leg adjustment system is designed for operators who require speed of set-up without compromising the flexibility of independent stage leg adjustment. It is ideally suited to the faced 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.

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.



Optional Accessories:

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

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.

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
Bowl Diameter	100 mm (3.9")	100 mm (3.9")	100 mm (3.9")
Leg Extension	1-Stage	2-Stage	2-Stage
Lock Type	HS Dual Action	HS Dual Action	HS Dual Action
Leg Material	Alloy	Alloy	Carbon Fibre
Payload	45 kg (100 lbs)	45 kg (100 lbs)	45 kg (100 lbs)
Weight	3.1 kg (6.8 lbs)	3.5 kg (7.7 lbs)	2.9 kg (6.3 lbs)
Max. Height	1430 mm (56.3")	1530 mm (60.4")	1530 mm (60.4")
Min. Height	665 mm (26.2")	440 mm (17.3")	440 mm (17.3")
Transport Length	840 mm (33.1")	700 mm (27.6")	700 mm (27.6")

Note: Sprinter II Tripods height & length specs are slightly different with Ground Spreader "G" Models

HD TRIPODS

Heavy Duty ENG/EFP Tripods

Built with the strength and torsion rigidity to take full ENG/EFP workloads even in extreme climates and temperatures the HD range of tripods are true workhorses which provide optimal stability and payload for the serious professional.

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

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.



2-Stage & Single Stage

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

Accessories

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

6 × HD Tripod Designs

From HD tripods to Studio HD tripods, there are 6 HD tripods to suit every ENG, EFP or Studio application.

Specifications

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

Cat.#	925	931	932	937	943	944
Bowl Diameter	100 mm (3.9")	100 mm (3.9")	100 mm (3.9")	150 mm (5.9")	150 mm (5.9")	150 mm (5.9")
Leg Extension	2-Stage	1-Stage	1-Stage	2-Stage	1-Stage	1-Stage
Lock Type	Flip Lock	Flip Lock	Flip Lock	Flip Lock	Flip Lock	Flip Lock
Leg Material	Carbon Fibre	Alloy	Alloy	Carbon Fibre	Alloy	Alloy
Payload	95 kg (210 lbs)	95 kg (210 lbs)	95 kg (210 lbs)	95 kg (210 lbs)	95 kg (210 lbs)	95 kg (210 lbs)
Weight	4.5 kg (9.9 lbs)	5.2 kg (11.5 lbs)	4.7 kg (10.4 lbs)	4.6 kg (10.1 lbs)	5.35 kg (11.8 lbs)	4.8 kg (10.6 lbs)
Max. Height	1590 mm (62.6")	1575 mm (62.0")	1270 mm (50.0")	1615 mm (63.6")	1590 mm (62.6")	1280 mm (50.4")
Min. Height	480 mm (18.9")	785 mm (30.9")	590 mm (23.2")	520 mm (20.5")	800 mm (31.5")	610 mm (24.0")
Transport Length	750 mm (29.5")	930 mm (36.6")	782 mm (30.8")	750 mm (29.5")	940 mm (37.0")	790 mm (31.1")

Combination Pedestal

The Miller Combination Pedestal is a lightweight mobile camera support option. The adjustable air-column system provides quick and easy height adjustment for payload configurations up to 30 kg. You can readily adjust the camera to a suitable height and then lock off with the quick action clamp.

The Combination Pedestal has a 100mm bowl to suit a Miller Arrow fluid head. The Combination Pedestal systems are also supplied with the (481) Miller Studio Dolly with cable guards and provide an ultra-smooth rolling action.



Air Pressure block

Features

- ▶ Versatile Lightweight Camera Support
- ▶ Precise Arrow fluid head range supports camera configurations from HDV, ENG to EFP
- ▶ Adjustable Air-Column system provides accurate and effortless pneumatically supported camera positioning
- ▶ Including steering wheel and 100mm bowl mount
- ▶ Miller Studio Dolly with cable guards to provide an ultra-smooth rolling action

Pedestal available in system packages only

(1970)

Components:

Arrow 25 Fluid Head	(1022)
2 Telescopic Pan Handles with Handle Carriers	(694)
Combination Pedestal Column	(1950)
Studio Dolly with cable guards	(481)

Specifications:

Weight:	18 kg (39.7 lbs)
Pedestal payload capacity:	30 kg (66.1 lbs)
Payload range:	3.5-14 kg (7-30 lbs)
Height range:	1062-1412 mm (41.8-55.6")
Mounting standard:	100mm (3.9") ball levelling



(1977)

Components:

Arrow 40 Fluid Head	(1025)
2 Telescopic Pan Handles with Handle Carriers	(694)
Combination Pedestal Column	(1950)
Studio Dolly with cable guards	(481)

Specifications:

Weight:	18 kg (39.7 lbs)
Pedestal payload capacity:	30 kg (66.1 lbs)
Payload range:	7-16 kg (15-35 lbs)
Height range:	1062-1412 mm (41.8-55.6")
Mounting standard:	100mm (3.9") ball levelling



(1984)

Components:

Arrow 55 Fluid Head	(1028)
2 Telescopic Pan Handles with Handle Carriers	(694)
Combination Pedestal Column	(1950)
Studio Dolly with cable guards	(481)

Specifications:

Weight:	18 kg (39.7 lbs)
Pedestal payload capacity:	30 kg (66.1 lbs)
Payload range:	10-25 kg (22-55 lbs)
Height range:	1062-1412 mm (41.8-55.6")
Mounting standard:	100mm (3.9") ball levelling



Special Application Tripods

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

Specifications:

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



(311) Solo Pod

Features:

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



Spreaders, Feet and Hi Hats

(508) Above Ground Spreader

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
Telescopic to suit Toggle tripods (402), (420)



(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)



Hi Hats

(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 lbs)
Height:	150mm (5.9")
Payload capacity:	20 kg (44.1 lbs)
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 lbs)
Height:	150mm (5.9")
Payload capacity:	25 kg (55 lbs)
Mounting:	100mm ball levelling



(467) Hi Hat (150mm)

Features:

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

Specifications:

Weight:	2.2 kg (4.4 lbs)
Height:	151mm (5.9")
Payload capacity:	40 kg (88 lbs)
Mounting:	150mm ball levelling



(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)



(835) Above Ground Spreader

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
Non telescopic to suit Toggle tripods (440), (420), (402)



Rubber Feet

Suit all Toggle tripods with Above Ground Spreaders (508), set of 3 (550)
Suit all Sprinter/HD tripods with Mid Level Spreaders (993), set of 3 (475)



Dolly Wheels

(390)

Medium Duty 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 lbs)
Payload capacity: 45 kg (99 lbs)
Folded length: 640 mm (25.2")
Wheel diameter: 125 mm (4.9")
Diameter open: 840 mm (33.1")
Tube type: Alloy



(391)

Lightweight 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 lbs)
Payload capacity: 25 kg (55 lbs)
Folded length: 630 mm (24.8")
Wheel diameter: 75 mm (3.0")
Diameter open: 840 mm (33.1")
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 lbs)
Payload capacity: 25 kg (55 lbs)
Folded length: 552 mm (21.7")
Wheel diameter: 75 mm (3.0")
Diameter open: 914 mm (36.0")
Tube type: Alloy



(480)

Studio Dolly
For Sprinter/HD tripods

Features:

Reinforced centre hub
Collapsible arm design
Sturdy roller castors
125mm smooth glide wheels
Individual wheel brakes
Integrated carry handle

Specifications:

Weight: 6.2 kg (13.7 lbs)
Payload capacity: 100 kg (220 lbs)
Folded length: 610 mm (24.0")
Wheel diameter: 125 mm (4.9")
Diameter open: 1072 mm (42.2")
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
125mm smooth glide wheels
Individual wheel locking

Specifications:

Weight: 6.6 kg (14.6 lbs)
Payload capacity: 100 kg (220 lbs)
Folded length: 610 mm (24.0")
Wheel diameter: 125 mm (4.9")
Diameter open: 1072 mm (42.2")
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
125mm smooth glide wheels
Individual wheel locking

Specifications:

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



Cases

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

To suit Solo Tripods

Specifications:

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



Shoulder Straps

(554) Shoulder Strap to suit all conventional Tripods and 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")
Maximum length: 1100 mm (43.3")
Attachment: Safety Spring Clip
Adjustment: In-line Slide Buckle
Material: Cordura/Neoprene

(870) Arrow Softcase

To suit Single Stage Tripods

Specifications:

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



(872) Arrow Softcase

To suit 2 Stage Tripods

Specifications:

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



(874) DS Softcase

To suit lightweight and Single Stage Tripods

Specifications:

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



(876) Compass Softcase

To suit 2 Stage Tripods

Specifications:

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



(1520) Solo Tripod Shoulder strap



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: 0.2 kg (0.4 lbs)
Minimum length: 806 mm (31.7")
Maximum length: 1046 mm (41.2")
Attachment: Safety Spring Clip
Adjustment: In-line Slide Buckle
Material: Cordura/Neoprene

(874) DS Softcase

To suit lightweight and Single Stage Tripods

Specifications:

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



(975) Arrow Shell Case with Wheels

To suit 2 Stage Tripods

Specifications:

Weight: 4.2 kg (9.3 lbs)
External length: 1030 mm (40.6")
External width: 260 mm (10.2")
External height: 290 mm (11.4")



(318) Hardcase

Specifications:

Weight: 6.4 kg (14.0 lbs)
External length: 1245 mm (49")
Internal length (max.): 1168 mm (46.0")
External width: 378 mm (14.9")
Internal diameter: 292 mm (11.5")



NEW

(1590) Solo Leg Covers to suit (1505) Solo ENG tripod

Features:

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

Specifications:

Weight: 0.21 kg (0.5 lbs)
Dimensions: 320mm x 175 mm
Attachment: Velcro seam
Material: Neoprene/Velvet



Accessories

Camera Plates

(490) DS Camera Plate

Features:

Quick Release Sliding camera plate with 60mm travel
Suits DS5/DS10 fluid heads
Includes 1/4" & Pin Adaptor



Specifications:

Dimensions: 145mm x 48.5mm
Attachment: Std 1/4" & pin (493)

(489) DS Camera Plate

Features:

Quick Release Sliding camera plate with 60mm travel
Suits DS20 fluid head
Includes 1/4" & Pin Adaptor and 1/4" & 3/8" screws



Specifications:

Dimensions: 145mm x 48.5mm
Attachment: Std 1/4" & pin (493) or 1/4" & 3/8"

(1204) Compass Camera Plate

Features:

Quick Release Sliding camera plate with 60mm travel
Suits Compass 12/15 fluid heads
Includes 1/4" & Pin Adaptor and 1/4" & 3/8" screws



Specifications:

Dimensions: 120mm x 48.5mm
Attachment: Std 1/4" & pin (493) or 1/4" & 3/8"

(1208) Mini Euro Camera Plate

Features:

Mini Euro style quick release sliding camera platform with 60mm travel
Suits Compass fluid heads with (P7800) Mini Euro Sliding Plate Assembly
Includes 1/4" & 3/8" screws



Specifications:

Dimensions: 62mm x 45mm
Attachment: 1/4" & 3/8"

(860) Euro Camera Plate

Features:

Euro style quick release sliding camera platform with 70mm travel
Suits Compass fluid heads and all Arrow fluid heads with (P7840) Euro Sliding Plate Assembly
Includes industry standard 1/4" & 3/8" screws for attachment



Specifications:

Dimensions: 79.5mm x 65mm
Attachment: 1/4" & 3/8"

(1060) Large Euro Camera Plate

Features:

Large Euro style quick release sliding camera platform with 120mm travel
Suits Skyline 70 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 be used with (493) 1/4" & Pin Adaptor as an optional accessory



Specifications:

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

(493) 1/4" & Pin Adaptor

Features:

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



Specifications:

Dimensions: 27.5mm x 13.5mm
Attachment: Std 1/4" & pin

Camera Screws

(P0036) 1/4" Camera Screw

Suits all Miller fluid heads



(P0037) 3/8" Camera Screw

Suits all Miller fluid heads



(P3459) 1/4" Camera Screw - short

Suits all Miller fluid heads



(P0876) 1/4" to 3/8" Camera Screw

Suits Solopod (311)



Accessories

Adaptors/Accessories

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

(1213) Solopod QR Adaptor Plate

Features:

The Solopod QR Adaptor Plate allows mounting camera plate from Compass 15/20/25 to Solo Pod.



Specifications:

Weight: 0.33 kg (0.7 lbs)
 Payload capacity: 10kg (22lbs)
 Camera platform: Quick release sliding camera plate with 70mm travel
 Mounting: Flat base to suit 1/4" & 3/8" screws

(378) 100mm to 75mm Tripod Bowl Adaptor

Features:

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



Specifications:

Weight: 0.08 kg (0.2 lbs)

Accessory Mounting Bracket

Accessory Adaptor with 1/4", 3/8" Holes



(1216) Accessory Mounting Bracket to suit Compass fluid heads

(1219) Accessory Mounting Bracket to suit Arrow fluid heads

(1221) Accessory Mounting Bracket to suit Skyline fluid heads

(1217) Accessory Adaptor with 1/4" and 3/8" holes to suit (1216) (1219) (1221)

Sliding Platforms

(P7800) Mini Euro Sliding Plate Assembly

To suit Compass fluid heads with 60mm sliding travel for use with (1208) Mini Euro Camera Plate



Weight: 0.26 kg (0.57 lbs)

(P7840) Euro Sliding Plate Assembly

To suit Compass fluid heads with 70mm sliding travel for use with (860) Euro Camera Plate



Weight: 0.30 kg (0.66 lbs)

Pan Handles

(681) Fixed length Pan Handle



Features:

Supplied with grey handle carrier for DS5/10/20 fluid heads
 Durable black anodised aluminium tubing

Specifications:

Weight: 0.25 kg (0.55 lbs)
 Length: 390 mm (15.4")
 Material: Alloy/rubber

(679) Fixed length Pan Handle



Features:

Supplied with black handle carrier for Compass 12/15/20 fluid heads
 Durable black anodised aluminium tubing

Specifications:

Weight: 0.28 kg (0.6 lbs)
 Length: 390 mm (15.4")
 Material: Alloy/rubber

(694) Telescopic Pan Handle



Features:

Supplied with black pan handle carrier for Compass25, Arrow25/40/55 fluid heads
 200mm extension
 Durable black anodised aluminium tubing

Specifications:

Weight: 0.38 kg (0.8 lbs)
 Length: 390 mm (15.4")
 Extended length: 590 mm (23.2")
 Material: Alloy/rubber





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

The information contained in this brochure is correct at the time of printing. Miller accepts no responsibility for any errors that may affect the information herein and reserves the right to make changes without notice to the products and information contained within this brochure. For the latest product information visit our website.

Miller Camera Support Equipment (Australia)

30 Hotham Parade
Artarmon, Sydney, NSW 2064 Australia
Tel: +61 2 9439 6377
Fax: +61 2 9438 2819
Email: sales@miller.com.au

Miller Fluid Heads (Europe) Ltd.

Unit 12A, Shepperton Business Park
Govett Avenue, Shepperton
Middlesex, TW17 8BA
United Kingdom
Tel: +44 (0) 1932 222 888
Fax: +44 (0) 1932 222 211
Email: sales@millertripods-europe.com

Miller Camera Support LLC (USA)

218 Little Falls Road, Cedar Grove
New Jersey 07009-1231 USA
Tel: +1 (973) 857 8300
Fax: +1 (973) 857 8188
Email: sales@millertripods.us

www.millertripods.com