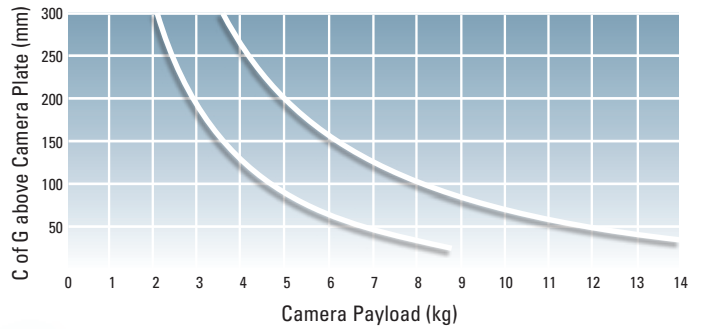


# #184 DS20 Fluid Head

## 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

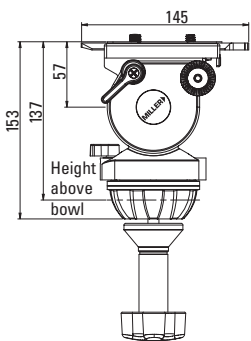
Quick release sliding  
camera plate:  
Camera plate choice: 1/4"  
& 3/8" screws or 1/4" & pin

Fluid drag plate  
system with  
friction boost

Selectable counterbalance  
system

Disc lock pan/tilt  
braking system

75mm ball levelling  
with bubble level



### Specifications

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

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

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