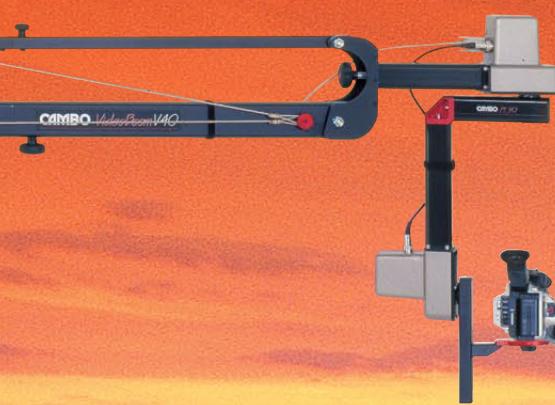


VIDEO ACCESSORY PROGRAM BROCHURE



CAMBO

WHERE TRADITION MEETS VISION

Enhance Your Professional Video Making!

The Cambo range of professional video booms and accessories are designed for today's videographer. These compact, portable and easy-to-use video booms and rigs will operate with a wide range of video cameras — from compact digital units including HDSLR cameras to the latest ENG models — and are designed to enhance your work with professional effects.



ARTES with MPT Pan/tilt head in use on location with optional LCD screen and tripod/dolly



CS-ERIS Kit in use on location with optional CS-31 viewing loupe

V40 in use on location with optional PT-900 and TVB-100
V-40 is extended with 4 meter, supported with cable stabilisation system VCSS-400-60, V-46 and LCD screen



V15 in use on location with optional MPT-9, LCD screen and tripod/dolly



CS

Modular and Functional

The CS System consists of modular and multifunctional parts and accessories. This enables you to pick and choose what you need and then later add other accessories to the system. Attaching additional components to your CS system such as lighting units, microphones and monitors is quick and easy. The bracket system CS-154 has bottom, side and top accessory mountings for use with the CS-CHRONOS professional Cinema Rig, CS-ERIS, ZODIAC and STYX.



Viewing Loupe System

Cambo's CS-30 Viewer system for HDSLR cameras features a 3x magnification loupe, made with Schneider Kreuznach optics, offering adjustable dioptre setting for best viewing comfort. The set will have different mounting possibilities to adapt to the preferred working method of the videographer or photographer. The CS-31/32/33 and 34 versions include an adjustable bracket for mounting the viewing hood to the tripod mount of the various SLR cameras, avoiding having to glue a frame to the back of the camera. The Viewer fits with various frames to 3" as well as the latest 3.2" screens.

CS Camera Support System for DV and HDSLR cameras

The Cambo CS Camera Support System is a modular 'Rig' designed to support Digital SLR and DV camera systems when shooting High Definition video. All CS systems offer the videographer or photographer support to achieve stable images and precision control.



On-location

Of course you don't have to be restricted to using a rig in the studio. By adding the CS-P1 Ergonomic Shoulder Pad and rods to the CS-CILIX you can comfortably shoot on location. A Loupe is recommended not only to ensure image sharpness and composition but also to prevent glare on the DSLR screen.

With Cambo's removable Loupe built with Schneider optics and 3x dioptre you will be certain to capture ultra sharp images.



In the Studio

The CS-CILIX has dual grips for added stability, it has the smallest footprint making it ideal for handheld capture. When combined with a fluid head tripod, Follow Focus Control, CS-30 Loupe system and Matte Box kit you have a complete professional studio solution with precision control.

Focus Control

The CS-MFC-3 is a compact Follow Focus control unit enabling ultra precise focussing. Its unique design with two pivoting point allows for quick, easy and secure repositioning when changing lenses, just with the twist of one simple knob. Thanks to this construction the Cambo Follow Focus can be adapted to any lens diameter, it can be placed angled down or upwards and gears can be placed on the front or rear side by choice based on the lens design.

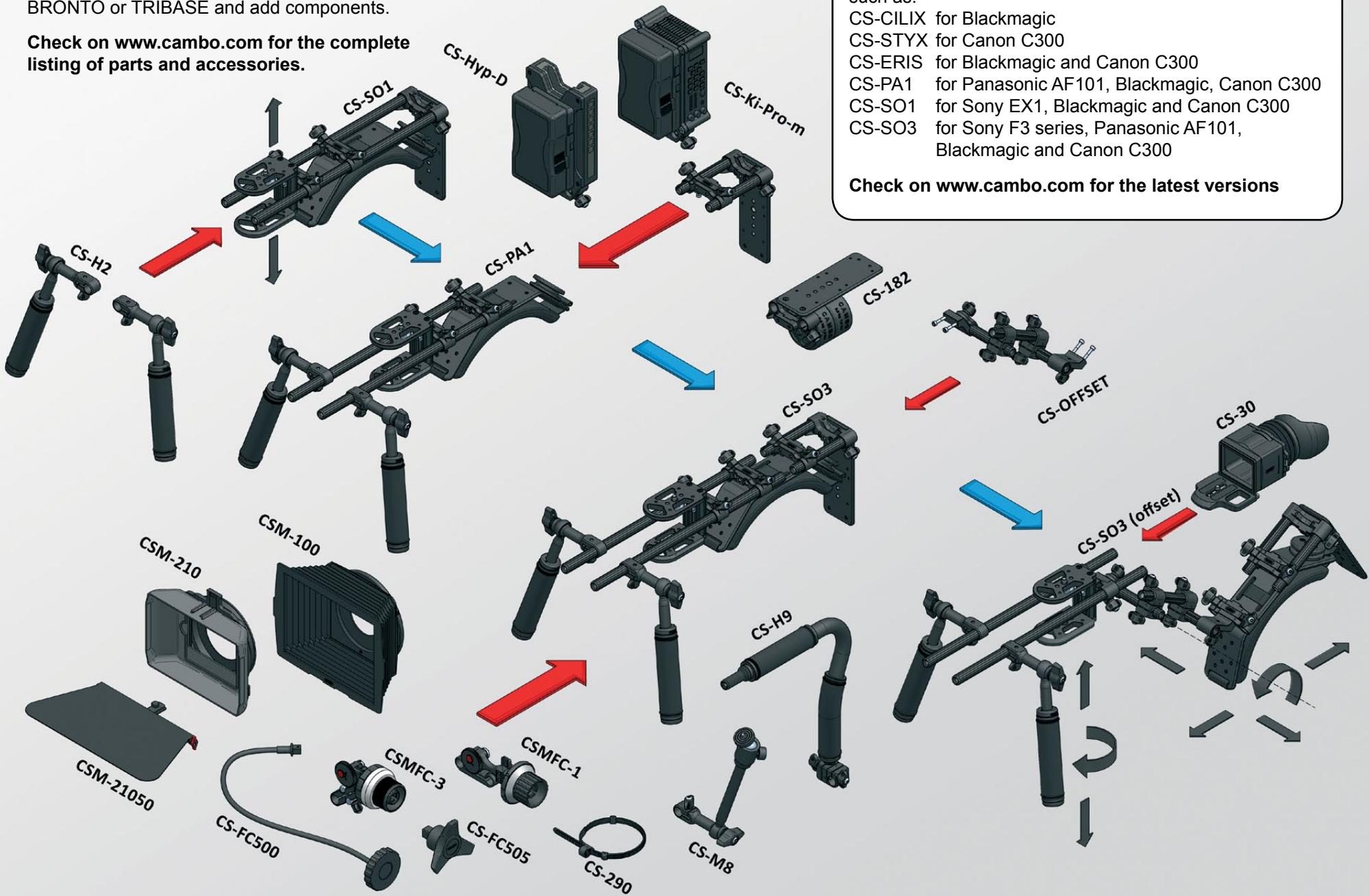
The CS-MFC-2 version has two hard stops enabling you to pull focus accurately between two desired points, adjustable between 3 and 345 degrees. The hard stops are particularly useful for lenses without end stops.



The outer ring can also be premarked to determine your focus points and is exchangeable.

Assemble your own configuration with available components or choose from pre-configured kits as the CILIX, STYX, ERIS, CIRUS, ZODIAC, BRONTO or TRIBASE and add components.

Check on www.cambo.com for the complete listing of parts and accessories.



Cambo has dedicated rigs available for many DV cameras such as:

CS-CILIX for Blackmagic

CS-STYX for Canon C300

CS-ERIS for Blackmagic and Canon C300

CS-PA1 for Panasonic AF101, Blackmagic, Canon C300

CS-SO1 for Sony EX1, Blackmagic and Canon C300

CS-SO3 for Sony F3 series, Panasonic AF101, Blackmagic and Canon C300

Check on www.cambo.com for the latest versions

ARTES

Video Boom System

The Artes Video Boom System provides a steady camera platform for the professional Videographer. The System is delivered as a kit, partly premounted. After the first set-up, supported by a very clear instruction, there are no tools needed for quick mounting and de-mounting.

The Boom system is modular extended and this way usable in at least two different set-ups. The central unit has four locking knobs for applying friction to the vertical boom movement and to make disassembling easier. The central rotation platform has a low friction bearing system with a rotation brake. It fits to all 75 and 100mm video tripod cups.



- Modular design
- Lightweight construction
- Economically priced
- Quality materials
- Provision for screen mount
- Options for Pan/Tilt unit



Artes shown with optional EPT Electronic Pan Tilt camera platform)



Artes shown with optional MPT-9 (camera platform)



Artes shown with optional MPT-9 (cable control handles)

The standard Fixed or the Tilt Platform is exchangeable for modular accessories such as the MPT-9 Pan Tilt Option, with mechanical control, or the EPT Electronic Pan Tilt Unit.

The Platforms are pre-drilled with holes for 1/4" and 3/8" studs. Both size thumbscrews are supplied with the boom.



Modular system for easy storage and assembly

The Artes counter weight system is based on a set of standard fitness weights (not included) with a set of small fine tuning weights (supplied with the kit). The system is expandable and mountable as side weights.

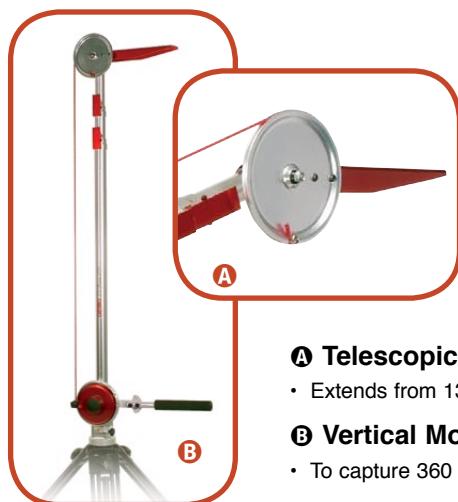
	Weight of Boom:	10 kg
	Length of Arm:	159-234 cm
	Camera Range:	5 - 10 kg
	Assembly Time:	10 min

* Tripod and weights not included

- Telescopic design
- Full panoramic monopod function
- Provision for screen mount
- Ideal for DV-Cameras
- Quick setup

V5

- KG** Weight of Boom: 5,5 kg
- ↔** Length of Arm: 135-275 cm
- 🎥** Camera Range: up to 3 kg
- ⌚** Assembly Time: 2 min



C Mechanical Tilt feature of +/- 60°

- Tilt handle can be adjusted to fit users' needs
- Length of steering cable is adjustable
- Excess cable conveniently rolls into wheel
- Boom offers quick setups, flexible uses, lightweight portability



This lightweight telescopic DV boom is designed to carry a maximum load of 3kg (camera including accessories) and has a standard mechanical tilt option of +/- 60°. The V5 has an extension range from tripod to boom end of 135 to 275cm and uses standard fitness weights for counterweight. The boom tail slides into the main boom section for counterweight adjustments or packing. For even more compactness, the weight bar and weights can be removed with one simple knob. The V5's unique vertical setup adds to its compactability. The steering handle points forward or in the opposite direction depending on the user's goal. This setup provides a vertical range of 122cm to 262cm above the tripod.

V15

The V15 is a rugged, lightweight jib. Though it accepts camera weights in excess of 18kg (40 lbs.), it was designed to minimise weight with optimised stability. The basic unit weighs only 8.2kg (18 lbs.) and has a reach of 170cm (67") fully extended with the included 80cm extension . It assembles and breaks down in seconds to a compact case 94cm (37") long. There is no other video boom like it!



- Modular compact design
- Precision bearing base
- Provision for screen mount
- Sliding counterweight
- Adjustable friction control
- Options for Pan/Tilt Unit
- Ideal for DV and Broadcast cameras

KG Weight of Boom: 8,2 - 9,6 kg

↔ Length of Arm: 89-169 cm

🎥 Camera Range: up to 20 kg

⌚ Assembly Time: 5 min

* Tripod and weights not included

A Optional V18 extension 80cm (31")

B Modular Interlocking Design

- Easy setup — no screws or little pieces to assemble
- Male/female parts provide tight tolerance for the most secure fit

C Detachable Bowl Arm

- 100mm (4") bowl

D Fluid-Action Base

- Smooth action with locking facility
- Universal tripod mount — 75mm (3") and 100mm (4")

E Central Friction Knob

- Quick setup and stability for fixed-height shots

F Counterweight System

- Easily adjusts for different cameras (weights not included)

- Modular heavy duty design
- Friction controlled movements
- Option for stabilisation set
- Precision ballbearing base
- Long reach extendable
- Sliding counterweight
- Provision for screen mount
- Extended accessory system



A V46 Control Frame *

- Smooth control of movements
- Convenient location for joystick control and LCD screen
- Steering handle located behind weight system
- No changes to VCSS cables
- * Available as option



V40 Features:

B V43 Detachable Bowl Arm

- 100mm (4") bowl arm
- Quick detachment to add accessories like the PT90/900



C Fluid-Action Base

- Smooth action with locking facility
- Universal tripod mount — 75mm (3") and 100mm (4")



D Counterweight System

- Provides easy adjustment for a variety of camera weights and boom lengths
- System includes one V47 weight support



E Modular Interlocking Design

- Easy setup — no screws or little pieces to assemble
- Male/female parts provide tight tolerance for the most secure fit



The V40 is the most complete boom system in the industry. Its modular approach offers sophisticated versatility you can't get anywhere else. Its unique interlocking joining system provides setup in minutes without sacrificing weight capacity. New extension bars allow for quick and easy addition of extensions from 0.6m to 5m (2 – 16') long for a possible reach of just under 7m (23').

The V40 features a smart counter balance system that uses standard weights (weights not included). Disassembled, the longest component of this system measures less than 1m (40"). The basic V40 is weighing only 11kg (25 lbs.), this compact boom travels with you anywhere — without breaking your back!

	Weight of Boom: from 11.3 kg
	Length of Arm: 165-665 cm
	Camera Range: 7 - 30 kg
	Assembly Time: 10 - 20 min

Go to Great Lengths

This V11 Levelling Disc can be used as an accurate levelling guide and is ideal for other tripods without a built-in level.



⑩ VPS-4 Heavy Duty Pedestal

This Heavy Duty Pedestal VPS-4 is designed to be mounted on Cambo's VPD-4 Platform, especially to support large and heavy cranes on this dolly.

The center column is height-adjustable and reaches from 128 cm upto 182 cm above ground and is operated through a geared mechanism.

The combination of VPD-4 with VPS-4 can host a load upto 200 kgs in total.



⑪ TVB-100 Video Tripod

This high-tensile aluminium tripod is built to withstand a lifetime of rough handling. It supports over 100kg (220 lbs.) The 100mm ball-socket mount has a hinged plate, allowing finetune adjustments for levelling. The TVB-100 includes an adjustable spreader attachment to provide added rigidity and structured support.



⑫ V42 Auxiliary Handle

- 22mm handle for combining zoom and boom control in one hand

⑬ Extension Bars

- V54 0.6 m (24") Extension length - V54 is designed as tail extension
- V55 1 m (40") Extension length - V55 is designed as arm extension
- Max. added extension length is 5 m
- For each combination exists a VCSS setup

⑭ V47 Counterweight System

- Easily adjustable counterweight system (weights not included)

⑮ V11 Levelling Disc

- For use with tripods without a built-in level



⑯ Transport Case

- Transport softcases are available for all video boom models

⑰ V445 Flight Case

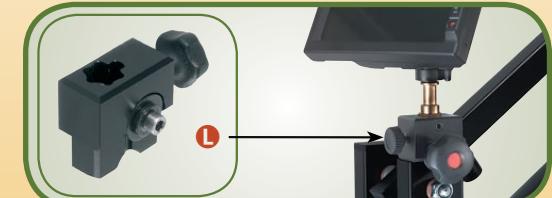
- Dedicated flight case for V-40 incl. tripod and extensions

⑱ V44 LCD Mount Adapter

- Holds LCD screen in place
- Can take a "swan neck" or "magic arm" for more flexibility

⑲ Video Cable Stabilisation System (VCSS)

- Adds support to accommodate heavier camera weights
- Removes unwanted movement by stiffening boom arm
- Available for V-40 with added extensions of 1 meter and more



Electronic Pan-Tilt Unit for use with V40 Boom

PT-900s



The PT-900s can be inverted on the V40 with the use of a PT-130 H-adapter. A PT-134 tripod adapter and a PT-135 wall mount are also available.

Designed for the DV and Mini DV camera range, the PT-900s has a weight capacity of 10kg. (22 lbs.) It provides precision-controlled motorised camera movements with the V40 Video Boom. The PT-903 Control Unit operates the two motorised units for full camera control with 350° pan and/or tilt. A switchable direction control allows you to set rotation direction on both movements or switch either off. The maximum speed is determined by two independent controls. Included is a 100 – 240V 12V DC power supply with a XLR-4 output connector. An optional V-battery mount is also available to accommodate many industry-standard batteries. The PT-900s has standard an integrated Lanc signal put-through connection.

- Weight of the PT-900s unit: 7.0 kg (15.5 Lbs)



PT-903 Control Unit

B PT930 Battery Kit

- 4000 mAh capacity per battery
- 2 batteries per kit
- Includes multivoltage charger
- Includes power for LCD screen



C PT150 Joystick Mount

- Advised for mounting on the V46
- dedicated to hold the PT-903 Joystick unit



D PT190 Flight Case

- Dedicated flight case for PT900
- Optimised protection



E DVL/DVX Control

- Integrated Lanc signal put-through connection for optional third party Lanc control units



PT-900s includes

- Camera platform
- Mount for V-40
- Joystick control
- AC/DC power
- Cables V40 length

Options

- Cables 5, 10, 20m
- Battery power
- Accessories

A DV-Lanc is a remote zoom and focus grip control for Mini-DV camcorders. The zoom speed is controlled by the amount of pressure applied to the zoom button. The ergonomic design also includes recorder start-stop switch and a camera on-off switch.

MPT-9

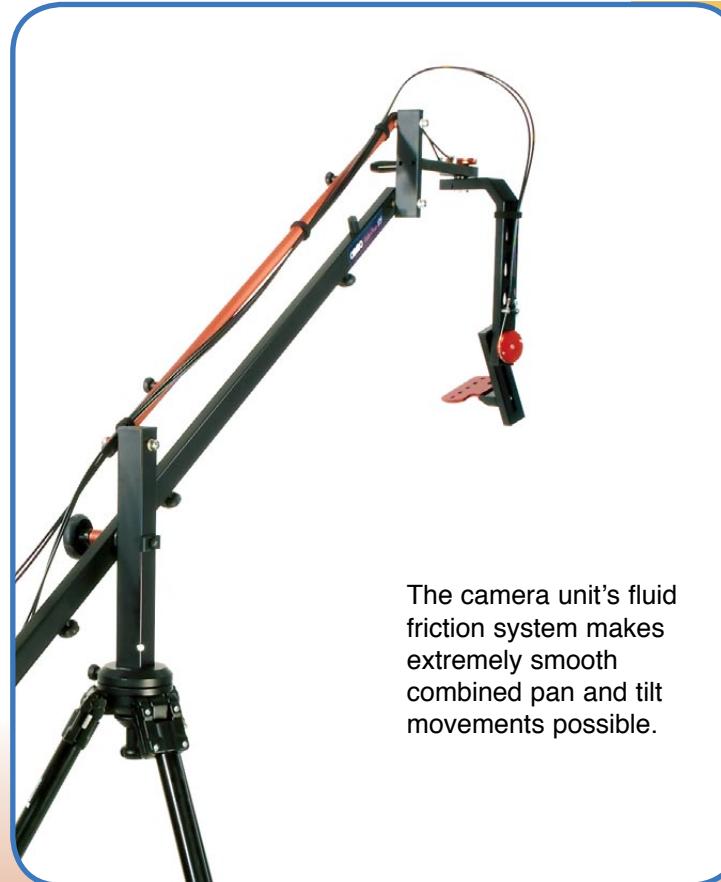
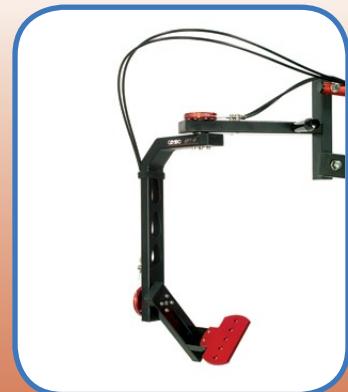
Mechanical Pan-Tilt Unit for use with Cambo Booms

The MPT-9 Mechanical Pan Tilt unit fits directly onto the Cambo Artes or V15 boom and uses a small adapter set to fit the V40. The camera unit weighs 2.3 kg (5 lbs.) and supports cameras up to 10 kg (22 lbs). While the standard control unit has a combined pan-tilt handle, an optional handle set is available for independent pan and tilt control.

Control units are attached to a modular tube frame that allows for personalised setups for the Artes, V15 and V40.

The optional handle set also provides remote camera zoom and focus control possibilities.

Pan and tilt rotations are possible up to 340°, depending upon the flexibility of the setup.



- Weight of the MPT-9 camera unit : 2.3 kg (5 Lbs)
- Total weight of the MPT-9 system: 5.0 kg (11 Lbs)

- **MPT-9 is available for**
 - ARTES
 - V15 normal setup
 - V15 with V-18 extension
 - V40 normal setup
 - V40 with 1m extension
 - V40 with 2m extension
 - V40 with 3m extension
 - V40 with 4m extension
 - V40 with 5m extension
- Interchangeable cable sets are available for all setups
- Maintenance free cables
- Optional extra handle set





EPT

Developed for the lightweight range of Video Booms, this EPT is ideal for the ARTES and V15 models. Its motor-driven controls allows for over 360° rotation of unobstructed pan and tilt. Durable motors assure for a long and reliable life. The head unit is connected with a standard UTP cable of 10 meter to the control unit.

A The Joystick control unit has features for high and low speed and reversed movement direction is easily switchable on the head unit.

EPT includes

- Head Unit with Camera Platform
- Remote Control incl. handle and clamp
- Joystick control unit
- AC/DC power adapter 110-240 V
- Signal/power cable 10 mtr length UTP

Options

- Battery power
- Accessories

Electronic Pan-Tilt Unit for use with Cambo Booms



Specifications

- Load Capacity: 5 kg (11 lbs)
- Head Unit weight: 3 kg (6,5 lbs)
- Head Dimensions: 44x31x13cm (17x12x5")
- Durable brushless motors
- Black anodised aluminium
- Standard UTP cable
- Power requirement 12 -14,8 V DC
- Mount options for ARTES, V15 and V40 cranes
- Tripod (3/8") mount option

B PT930 Battery Kit

- 4000 mAh capacity per battery
- 2 batteries per kit
- Includes multivoltage charger
- Includes power for LCD screen



C PT960 V-Mount Adapter

- IDX C-EB V-mount adapter



VPD-4

Multi Purpose 4 Wheel Dolly System



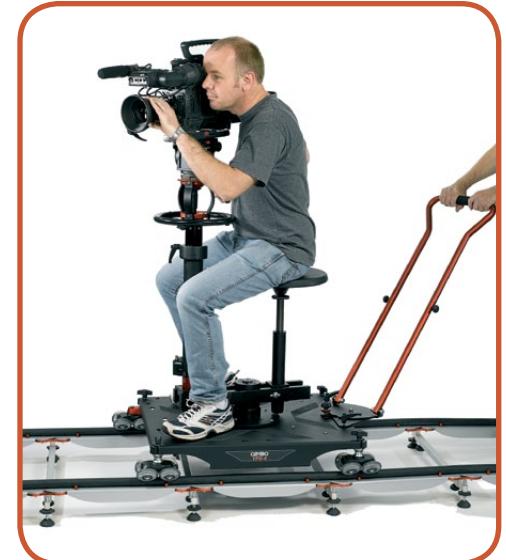
Cambo has developed a high quality four wheel dolly that can be used as an on-track or off-track dolly just by changing the wheels.

The four wheel dolly system includes a detachable rotating seat. The special designed wheel units give excellent performance on any 62cm track, including the flexible Cambo UniTrack System.

Based on Cambo's long and skilled manufacturing experience customers can be assured of exceptional quality, durability and performance.

Optional accessories include a Tripod Adapter Kit, Pneumatic Off-Track Wheels, Studio Wheel Set and the fixed Cambo Pedestal.

- UniTrack, V15 Boom, Tripod and Cameras shown not included.



VPD-4 shown in action on the UniTrack



VPD-4 Kit shown with optional off-track wheel set

VPD Platform shown with optional fixed pedestal and off-track wheel set



Specifications:

Platform size: 78 x 69 cm

Seat Height: 43 upto 61 cm

Track Width: 62 cm

Total Weight: 36 kg (VPD-4)

Max. Load Capacity: 210 kg

Separate Components:

VPD-33 Push Bar

VPD-44 Platform

VPD-55 Rotating Seat Unit

VPD-77 On-track Wheel Set

VPS-1 Pneumatic Pedestal

Optional Accessories:

VPD-76 Tripod Adapter Kit

VPD-78 Off-Track Wheel Set

VPD-79 Studio Wheel Set

VPD Platform shown with optional tripod adapter kit on the UniTrack



- Economic lightweight design
- Modular heights
- Low position possibilities
- Location friendly
- Pneumatic camera support
- Compatible with several dollies

Especially for the VPS-1 Column, Cambo developed a compact lightweight foldable dolly VPD-9 that remains on the column while folded. The Column also fits the Miller 480, 481, 483 and Manfrotto 114MV Dolly, depending on the configuration choice.

The VPD-9 Dolly shape makes a low camera position possible while the 35cm vertical stroke is maintained. For a higher reach are extensions available:

150mm and 300mm for total modularity.

A spider, supplied with the VPD dolly allows for a camera system load possible up to 25 kg.

A VPS-1 Pedestal Column

- Pneumatic height support
- High pressure handpump included
- 100mm bowl
- Optimised use with Cambo VPD-9 dolly
- Compatible with Manfrotto or Miller dolly



Pedestal

The Cambo Pedestal Column is a steady, versatile though lightweight camera platform. An adjustable air-system provides accurate and effortless pneumatically supported camera positioning.

The top unit including steering wheel and 100mm bowl is also mountable directly on the Dolly Adapter or can be placed on a table for special set-ups.



B VPD-9 Dolly

- Foldable design while mounted
- Column mount as low as possible

C VPD-150 Extension Tube

- Extends height of pedestal with 15 cm
- Quick to mount

D VPD-300 Extension Tube

- Extends height of pedestal with 30 cm
- Quick to mount

E VPD-510 Cable Movers

- Optional set of 3 protectors
- Avoids driving over cables

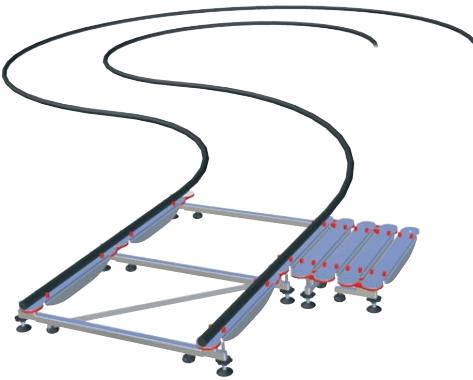
Main Specifications:

VPS-1:	65x30x30 cm
VPS-1 Weight:	4.4 kg
Max. load incl.	25 kg
Vertical reach:	76 - 111 cm
VPD-9 Weight:	4.1 kg



UniTrack

The latest addition to Cambo's expanding range of Video Support Products is this flexible, stable, easy to use and modular UNI TRACK System. Quick to set up on location, easy to level and available in several length modules, it allows the video-grapher to lay out and shape the track according to any desired routing. From exact straights to swings or curves with a radius of 1.5 meter (5'), it fits all in the system.



The UTS-5 folds up easily in to 2 packages of lightweight aluminium supports and one roll of 15 meter rubber track.

Main Specifications:

Track Width: 62 cm
 Track Weight: 6.4 kg/m
 Packed Dim.: 52x95x22 cm
 (per 5 mtr Track)

System Components

UTS-5: Foldable UNI TRACK with a working length of 5 m (16')

UTS-10: Foldable UNI TRACK with a working length of 10 m (32')

UTS-15: Foldable UNI TRACK with a working length of 15 m (48')



A Tight Curves

- Flexible modular layout
- Extendable sections of 5m each
- Curves into 1.5m (5') radius
- Quick and secure set up

B Adjustable support base

- Every support base can - if needed be adjusted for levelling on uneven ground within the range of 5 cm (2")

C VPD-15 UniTrack dolly

- Designed for pedestal VPSF-600
- Also usable with pedestal VPS-1

D VPSF-600 Pedestal

- fixed height of 60 cm (2')
- 100mm bowl adapter

E VPS-962 Low position unit

- allows lowest position on dolly
- 100mm bowl adapter

F UFC Flight case

- dedicated Flight case designed for the Uni Track System
- available as accessory or included with the track system
- Stores 5m of complete track system
- Dimensions: 89x69x47cm / 4 wheels



	A	B	C	D	E	F	G	H	weight	weight capacity ***
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ARTES short setup	940mm (37")	1600mm (63")	1340mm (52½")	2240mm (88")	1120mm (44")	780mm (30½")	340mm (13½")	1120mm (44")	8.1kg (18 lbs.)	10kg (22 lbs.)
ARTES normal setup	940mm (37")	2350mm (92½")	2090mm (96½")	3540mm (139")	1770mm (69½")	1430mm (56")	340mm (13½")	1770mm (69½")	9.6kg (21 lbs.)	5kg (11 lbs.)
V5** min.	850mm (33½")	1350mm (53")	1050mm (41½")	1800mm (71")	900mm (35½")	720mm (28")	180mm (7")	900mm (35½")	5.5kg (12 lbs.)	3kg (6½ lbs.)
V5** max.	850mm (33½")	2750mm (108")	2450mm (96½")	4220mm (166")	2110mm (83")	1930mm (76")	180mm (7")	2110mm (83")	5.5kg (12 lbs.)	3kg (6½ lbs.)
V15	650mm (25½")	888mm (35")	438mm (17")	794mm (31")	397mm (15½")	41mm (1½")	356mm (14")	397mm (15½")	8.2kg (18 lbs.)	20kg (44 lbs.)
V15+ 0.8m ext.	650mm (25½")	1697mm (67")	1238mm (49")	2220mm (87½")	1110mm (43¾")	755mm (29¾")	356mm (14")	1110mm (43¾")	9.6kg (21 lbs.)	18kg (40 lbs.)
V40	960mm (38")	1648mm (65")	1226mm (48")	2123mm (83½")	1061mm (42")	682mm (27")	379mm (15")	1061mm (42")	11.3kg (25 lbs.)	30kg (66 lbs.)
V40+ 1m ext.	960mm (38")	2648mm (104")	2226mm (88")	3855mm (152")	1927mm (76")	1548mm (61")	379mm (15")	1927mm (76")	14.1kg (31 lbs.)	25kg (55 lbs.)
V40+ 2m ext.*	1560mm (61½")	3648mm (143½")	3226mm (127")	5586mm (220")	2793mm (110")	2414mm (95")	379mm (15")	2793mm (110")	20.1kg (44 lbs.)	16.1kg (36 lbs.)
V40+ 3m ext.*	1560mm (61½")	4648mm (183")	4226mm (166")	7318mm (288")	3659mm (144")	3280mm (129")	379mm (15")	3659mm (144")	23.7kg (53 lbs.)	13.8kg (29 lbs.)
V40+ 4m ext.*	1560mm (61½")	5648mm (222")	5226mm (206")	9050mm (356")	4525mm (178")	4146mm (163")	379mm (15")	4525mm (178")	26.1kg (57 lbs.)	11.5kg (25 lbs.)
V40+ 5m ext.*	1560mm (61½")	6648mm (262")	6226mm (245")	10782mm (425")	5391mm (212")	5012mm (197")	379mm (15")	5391mm (212")	29.3kg (64 lbs.)	7kg (15 lbs.)

* V40 with 600mm tail extension and VCS stabilisation

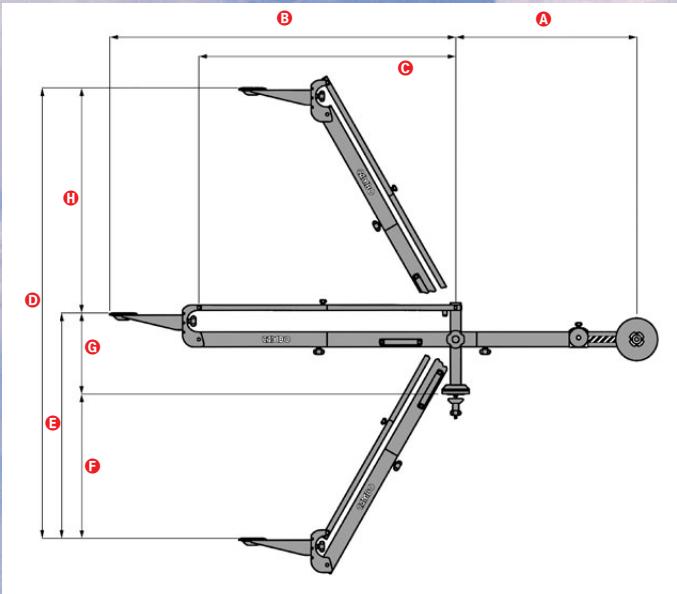
** V5 tail length from 160-850mm: all tail and front extensions are possible between 'in' and 'out'

*** weight indicated is camera including accessories, bowl arm, MPT-9 or PT-900

All models and technical specifications featured in this brochure
may be subject to change without notice.

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Your CAMBO Distributor:



Reference Summary Booms:

ARTES Components

- ARTES Boom
- Balance fine tune weight
- Counterweight mount (weight not included)

V40 Components

- V40 Boom
- V43 Bowl adapter 100mm
- Integrated counterweight system (without weights)

V5 Components

- V5 Boom telescopic with integrated mechanical tilt
- Counterweight mount (weight not included)

MPT-9 Components

- Control unit
- Camera unit
- Cable set (dedicated)
- Mounting frame

V15 Components

- V15 Boom with 0.8 m extension (31.5")
- V13 Bowl adapter 100mm
- Counterweight mount (weight not included)

PT-900s Components

- Pan Tilt unit
- PT132 camera plate
- PT903 Joystick unit
- PT904 Power supply
- PT912 5m control cable
- PT920 Lanc cable