

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 HD/SLR cameras to the latest ENG models — and are designed to enhance your work with professional effects.



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



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



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 HD/SLR 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 HD/SLR 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.

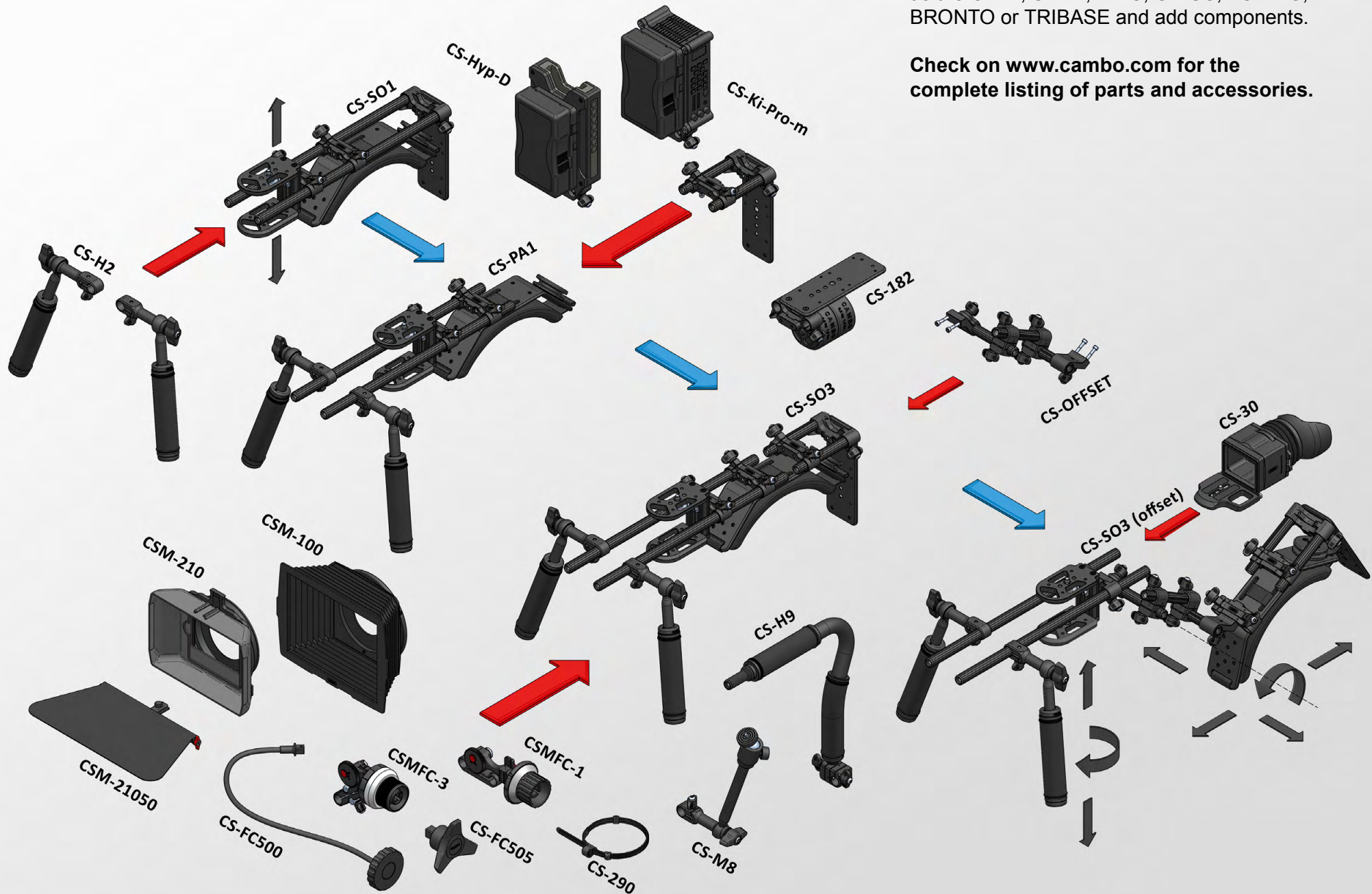
The CS-MFC-2 version has two hard stops enabling you to pull focus accurately between two desired points, adjustable between 3 and 345 degrees. The hard stops are particularly useful for lenses without end stops.

The outer ring can also be pre-marked 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.



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.

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.

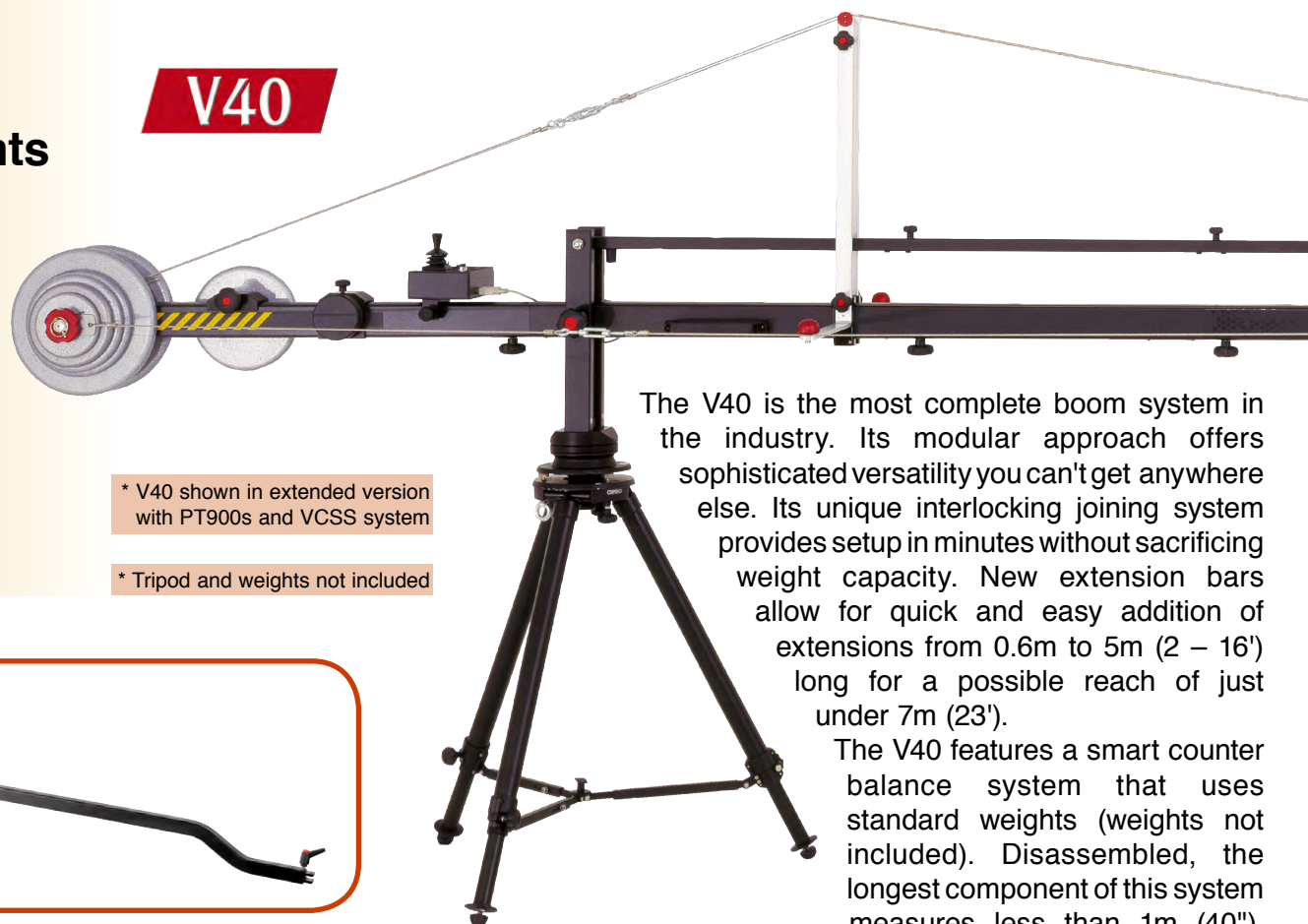


**Modular system for easy
storage and assembly**

	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

- **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**



* V40 shown in extended version with PT900s and VCSS system

* Tripod and weights not included

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!

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



	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



N 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.



P 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.



G 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

H V47 Counterweight System

- Easily adjustable counterweight system (weights not included)

I Transport Case

- Transport softcases are available for all video boom models

K V445 Flight Case

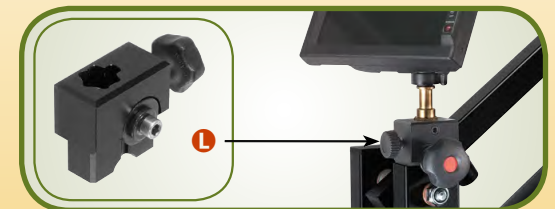
- Dedicated flight case for V-40 incl. tripod and extensions

L V44 LCD Mount Adapter

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

M 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

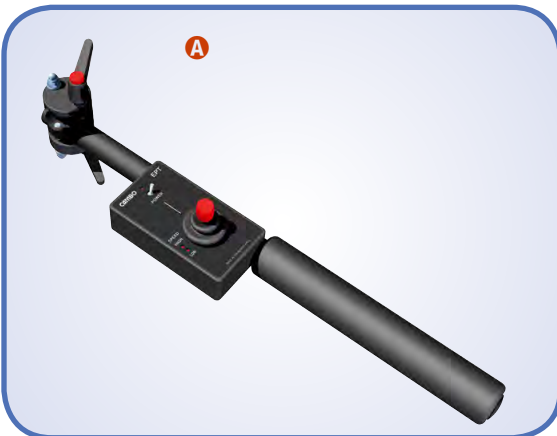


Electronic Pan-Tilt Unit for use with Cambo Booms



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



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 PT960 V-Mount Adapter

- IDX C-EB V-mount adapter



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.

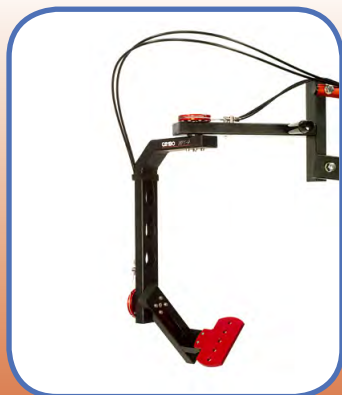
Pan and tilt rotations are possible up to 340°, depending upon the flexibility of the setup.



The camera unit's fluid friction system makes extremely smooth combined pan and tilt movements possible.

- **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



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





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 extensions are 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.

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.



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

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

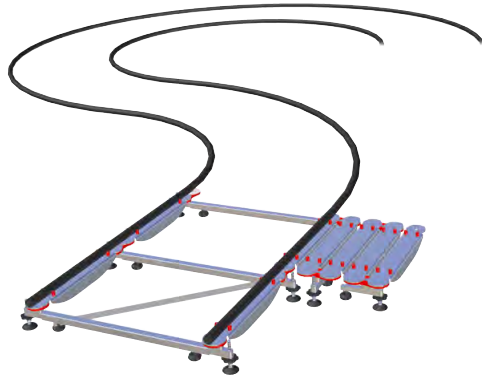


Main Specifications:

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

A valuable 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 videographer 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

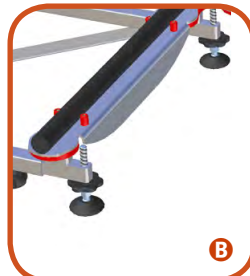
- fixed height of 60 cm (2')
- 100mm bowl adapter

E VPS-962 Low position unit

- allows lowest position on dolly
- 100mm bowl adapter

F UTFC 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 **
ARTES short setup	940mm (37")	1600mm (63")	1340mm (52 ³ / ₄ ")	2240mm (88")	1120mm (44")	780mm (30 ¹ / ₂ ")	340mm (13 ¹ / ₂ ")	1120mm (44")	8.1kg (18 lbs.)	10kg (22 lbs.)
ARTES normal setup	940mm (37")	2350mm (92 ¹ / ₂ ")	2090mm (96 ¹ / ₂ ")	3540mm (139")	1770mm (69 ¹ / ₂ ")	1430mm (56")	340mm (13 ¹ / ₂ ")	1770mm (69 ¹ / ₂ ")	9.6kg (21 lbs.)	5kg (11 lbs.)
V15	650mm (25 ¹ / ₂ ")	888mm (35")	438mm (17")	794mm (31")	397mm (15 ¹ / ₂ ")	41mm (1 ¹ / ₂ ")	356mm (14")	397mm (15 ¹ / ₂ ")	8.2kg (18 lbs.)	20kg (44 lbs.)
V15+ 0.8m ext.	650mm (25 ¹ / ₂ ")	1697mm (67")	1238mm (49")	2220mm (87 ¹ / ₂ ")	1110mm (43 ³ / ₄ ")	755mm (29 ³ / ₄ ")	356mm (14")	1110mm (43 ³ / ₄ ")	9.6kg (21 lbs.)	18kg (40 lbs.)
V40	960mm (38")	1648mm (65")	1226mm (48")	2123mm (83 ¹ / ₂ ")	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 (61 ¹ / ₂ ")	3648mm (143 ¹ / ₂ ")	3226mm (127")	5586mm (220")	2793mm (110")	2414mm (95")	379mm (15")	2793mm (110")	20.1kg (44 lbs.)	16.1kg (36 lbs.)
V40+ 3m ext.*	1560mm (61 ¹ / ₂ ")	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 (61 ¹ / ₂ ")	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 (61 ¹ / ₂ ")	6648mm (262")	6226mm (245")	10782mm (425")	5391mm (212")	5012mm (197")	379mm (15")	5391mm (212")	29.3kg (64 lbs.)	7kg (15 lbs.)

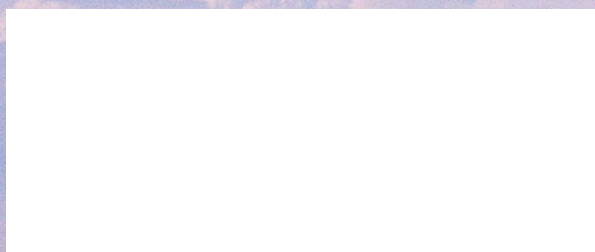
* V40 with 600mm tail extension and VCS stabilisation

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

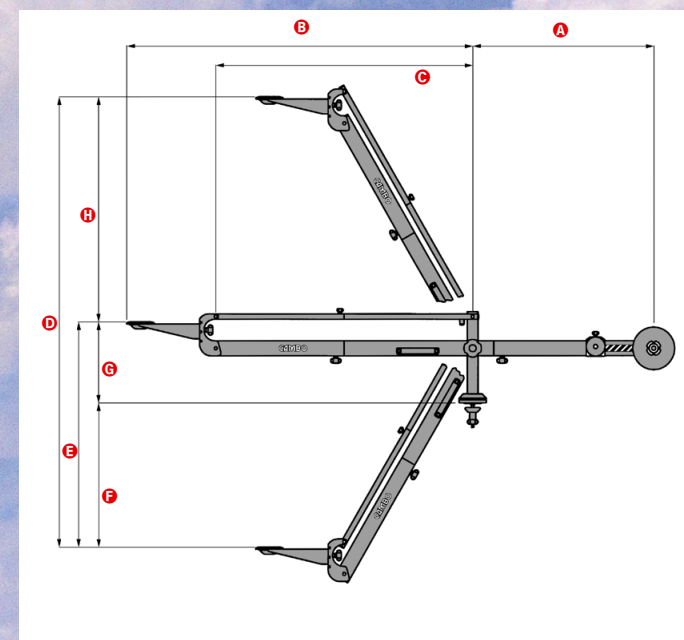
All models and technical specifications featured in this brochure may be subject to change without notice.

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Reference Summary Booms:

ARTES Components

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

MPT-9 Components

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

V40 Components

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

EPT-9 Components

- Joystick Control unit
- Camera unit
- AC/DC Power Adapter
- Mounting frame