

STEADICAM[®]

MERLIN²

Arm & Vest

ANOTHER
BREAKTHROUGH
IN CAMCORDER
STABILIZATION



The Steadicam® Merlin²® Arm and Vest

THE STEADICAM® MERLIN²® and the SIX-BEARING METAL GIMBAL

The Merlin²® handheld stabilizing system is by far the world's lightest and most advanced. Ultra-rigid aluminum construction enables stable moving shots at unprecedented focal lengths, and Garrett's unique Folding-Caliper hinge extends and retracts to balance cameras as light as one-half pound (.23kg), yet automatically seeks the compact storage position.

By itself Merlin²® stabilizer weighs just 1.4 lbs (0.64 kg) without its stainless steel add-on weights. With the standard gimbal, Merlin²® stabilizers are rated to carry camcorders weighing only as much as 5 lbs. (2.27kg)

Now, with the precision-machined Six-Bearing Metal Gimbal and a few additional weights, Merlin²® stabilizers can balance camcorders weighing as much as 7.5 lbs. (3.4kg). Of course the additional weight will require a great deal more effort. The Merlin²® manual and video teach techniques that help share the load with both hands, and this works for grabbing those quick, spectacular moving shots, but shooting entire weddings, or sporting events or theatrical performances can become quite strenuous, even with lighter cameras.

Enter the new Merlin²® Arm and Vest!

THE MERLIN²® BECOMES WEIGHTLESS!

MERLIN²® ARM and VEST make extended shooting nearly effortless.

Now Tiffen introduces the world's most advanced ultra-light Arm and Vest. Even with heavy cameras – up to seven and one half pounds (3.4kg) with Metal Gimbal – your Merlin²® stabilizer can now fly for hours without undue fatigue, and preserve all the flexibility and reach of your own arms.

The Merlin²® Vest is the lightest and thinnest ever made – it can even be worn under a tuxedo jacket – and it's designed to fit the entire gamut of human sizes and shapes. For 50 lb. (23kg) eight-year-olds or 330 lb. (150kg) linebackers, the Merlin²® Vest provides complete comfort and functionality for extended productions and long continuous shots. All adjustments are "no-tools", including the right-arm/left-arm.

The Merlin²® Arm is ultra-light and extremely capable. It's a 7/8 scale version of its big brothers, the G-50X and G-70X arms, and provides the same legendary performance and flexibility including instant, knob-adjustable control of lifting power for camera payloads between 2.5 and 7.5 lbs. (1.1 to 3.4kg) The Merlin²® Arm also provides enormous vertical lifting range (28" or 71cm) and full 'iso-elasticity' so you'll need only ounces of force to maintain the highest or lowest lens heights (way above the head to below the waist). Like its big brothers, the Merlin²® Arm includes two-axis adjustment of the arm-to-body angle so that people of differing shapes can adjust the lifting angle to their most comfortable posture.

Together the Merlin²® Arm and Vest actually increase your shooting options. You can ease the Merlin²® back against your body and shoot 'handheld', with both hands on the camera, and fly seamlessly back off the shoulder and continue moving. With practice you can even fly the Merlin²® stabilizer one-handed right off of the mounting post during a shot (docking the arm to the vest with the other hand) and execute those unique Merlin²® shot opportunities – ultra-low- or ultra-high-angles – and then ease it back onto the arm to continue the shot.



Specifications:

MERLIN²®:

- Maximum Height Folded: 5.3 in (13.5cm)
- Minimum Height Open: 9.25 in (23.5cm)
- Maximum Height Open: 14.75 in (37.5cm)
- Case Size (W x H x D): 14 x 10 x 5 in (35.6 x 25.4 x 12.7cm)
- Weight: 1.4 lbs (.64kg) (without balance weights)
- Rigid all-aluminum construction "supports telephoto shooting"
- Micrometer stage for precise horizontal balance
- Precision caliper-adjusted vertical balance
- Patented 'Folding-Caliper' spar geometry automatically seeks true folding position
- Ultra-light: (weighs one third of nearest competitor!)
- Tough, modular, user-serviceable construction



ARM:

- Total Payload: Knob-adjustable from 4 to 15 lbs (1.8 to 6.8 kg).
- Arm Weight: 5.1 lbs (2.3 kg)
- Lifting Range: 28 vertical inches (71 cm)
- Mounting: Two axis adjustment of arm-to-body angle, with quick-release right-hand/left-hand changeover
- Compactable for travel



VEST:

- Weight: 2.6 lbs (1.18kg)
- Size Range: Fits the widest variety of human shapes and sizes of any Steadicam[®] vest (from 50 lb. [23kg] eight-year-olds or 330 lb. [150kg] linebackers!)
- Fasteners: Thin, all-hook and loop fasteners permit unobtrusive use and ultra-compact disassembly and transport. With the newly added quick release buckle system and added back support pad, the vest is now even more adjustable and comfortable. This also allows the user to quickly get in and out of the vest quickly and quietly.

The STEADICAM[®] MERLIN²® is ultra-light, ultra-rigid, ultra precise, folds spectacularly and is beautiful – in short, the ideal instrument for today's



videographers with camcorders weighing 5 pounds (2.27kg) or less. For documentaries, weddings, news segments, commercials, even low-budget features, the Merlin²® stabilizer shines. In practiced hands, it performs as impressively as the big \$60,000 Steadicam[®] rigs, yet remains ultimately unobtrusive. The Merlin²® stabilizer is



not only stable, it is also an inherently graceful way to hold a camera – not only for big moves and running around, but also for those subtle, imperceptible and elegant displacements of the lens that cannot be achieved any other way.

And now, with the Merlin²® Arm and Vest, you'll be able to shoot longer and 'fly' more easily and precisely than with anything else on the market.



Steadicam® Merlin²®

BRILLIANTLY
CONCEIVED.
AFFORDABLE.

Multi-positionable
lens support platform
for long lenses.

patented folding
caliper hinge for
precise geometry
whether open, closed
or shoulder mounted

ultra-light, ultra-rigid
aluminum alloy
upper and lower spars

Rigid metal
6-ball bearing
gimbal with
secure adjust-
ment lock.

Ergonomic handle
for comfortable left
or right handed use.

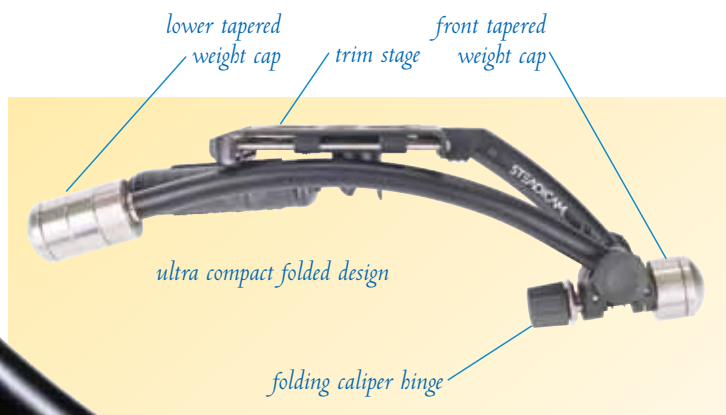
Larger easily
adjustable knobs.

3-axis gimbal
handle assembly
for precise control
at unprecedented
focal lengths

Optional Accessories:



Merlin²® DSLR Camera Bag



Robust stainless steel tube
end, allows balance weights
to be changed many times
without wear.



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