

The Tiffen Company takes great pride in producing the world's most advanced Steadicam®, the Ultra².

We are committed to excellence, innovation and service, and the Ultra² is a system that will evolve with you. Each component of the Ultra² is carefully designed so the operator can easily configure the Steadicam to the best possible advantage for each shot.



Tool free — Our guarantee that all the advanced features can be used under real-world, fast-paced conditions.

Modular design — We designed the Ultra² to be easily modified, upgraded, maintained, and serviced.

The position-sensing, super strong, motorized stage increases the precision and repeatability of every shot. Stage positioning is smooth and effortless, with a greater fore aft and side to side range than ever — and operators can trim the sled's balance while shooting. "Go to" buttons on the remote rebalance the sled to pre-determined positions — and return "home" — with just one touch.

The integral tilt head tilts +/- 20° to preserve dynamic balance, to maintain high or low lens height, to help with clearance, reach, or viewing problems, or to execute precise whip pans with the lens angled up or down. The new, Wide Dovetail Lock has a broader, more positive grip on the dovetail plate. The handle has a safety stop to prevent accidental release.

The Ultra² gimbal is the smoothest, most precise gimbal ever made, with heavy duty, high precision bearings and an ergonomic yoke, and it's easy to take apart for cleaning. It comes with its own tool — The Blue Whale — which operators use to precisely center the gimbal in the field, even after years of hard knocks.

Four section, carbon fiber telescoping post extends the sled from 26 to 72 inches — or anywhere in between — for short to long mode shooting. The post, monitor, and gimbal clamps are either open and free, or positively locked with the clamp levers ergonomically recessed into the clamp bodies.

The swept-back monitor mount is designed for maximum stiffness, inertial control and viewing options. It has a wider range of positions, both vertically and horizontally, and the flip-to-low-mode dovetail mount is both quick and positive.

Modular Electronics — A "backplane" system replaces the traditional wiring harness and supports user-replaceable circuit boards. Microprocessors are software upgradeable. Quick access to the most commonly used functions — framelines, level, brightness, and contrast.

UltraBrite 2™ monitor — 8.4 inch, 1400 nits, advanced AR coating, and HDSI, HD component, and analog composite direct inputs. Its unique design lets it run cool without a fan. On the front is an LED artificial horizon display, and two built-in, pre-wired tally lights.

Structural Dovetail Base — solidly mount gyros, antlers, and other accessories. Includes positive latches for the battery rods and a pull out mounting plate for accessories.

Steadicam PowerCube™ dual battery pack provides 220 watt hours and high amperage discharge — plenty of power for the sled and today's power hungry 35mm and High Def video cameras. The new tilting battery mount creates more options for balancing and inertial control.

The innovative **stiffening system** creates extra rigidity whenever violent moves, a rough ride, or a very long post configuration requires some help.

The Ultra² vest is simply the best fitting and strongest vest we've ever made. Lightweight and ergonomic, the vest works perfectly with the new generation of G-series arms.

The G-70 arm is simply amazing, lifting from 12 to 70 pounds. The unique "Geo" feature, which changes the spring tension as you boom up and down, makes the G-70 the smoothest arm ever, with an astounding boom range of 32 inches.



STEADICAM®

Ultra²

Quick Reference Card

The Ultra² Sled



Ultra² telescoping posts:

Post #1 - connected to tilt head

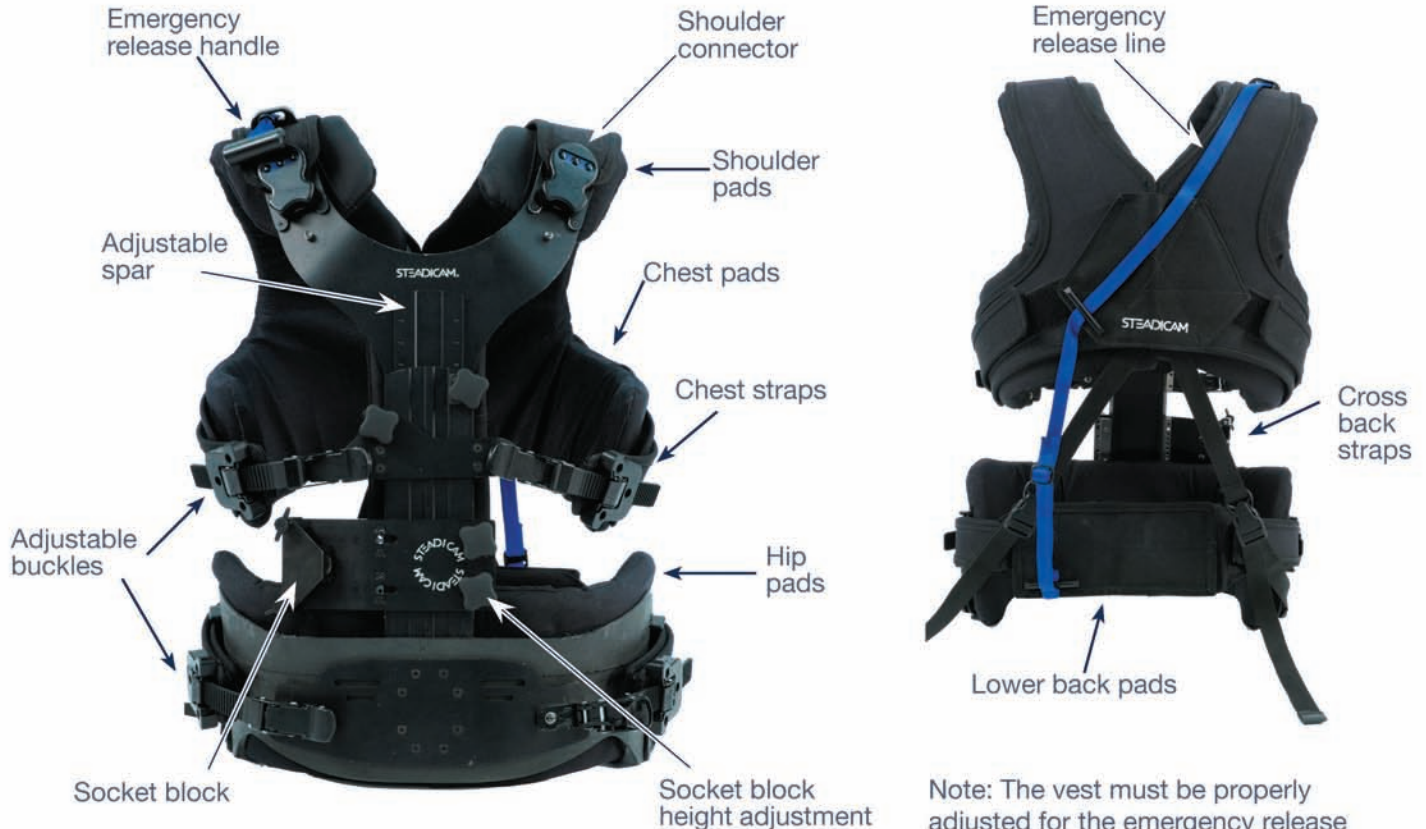
Post #2 - carries the gimbal

Post #3 - carries the upper monitor mount

Post #4 - carries the lower monitor mount, electronics modules, battery rods, lower dovetail, and accessory shelf

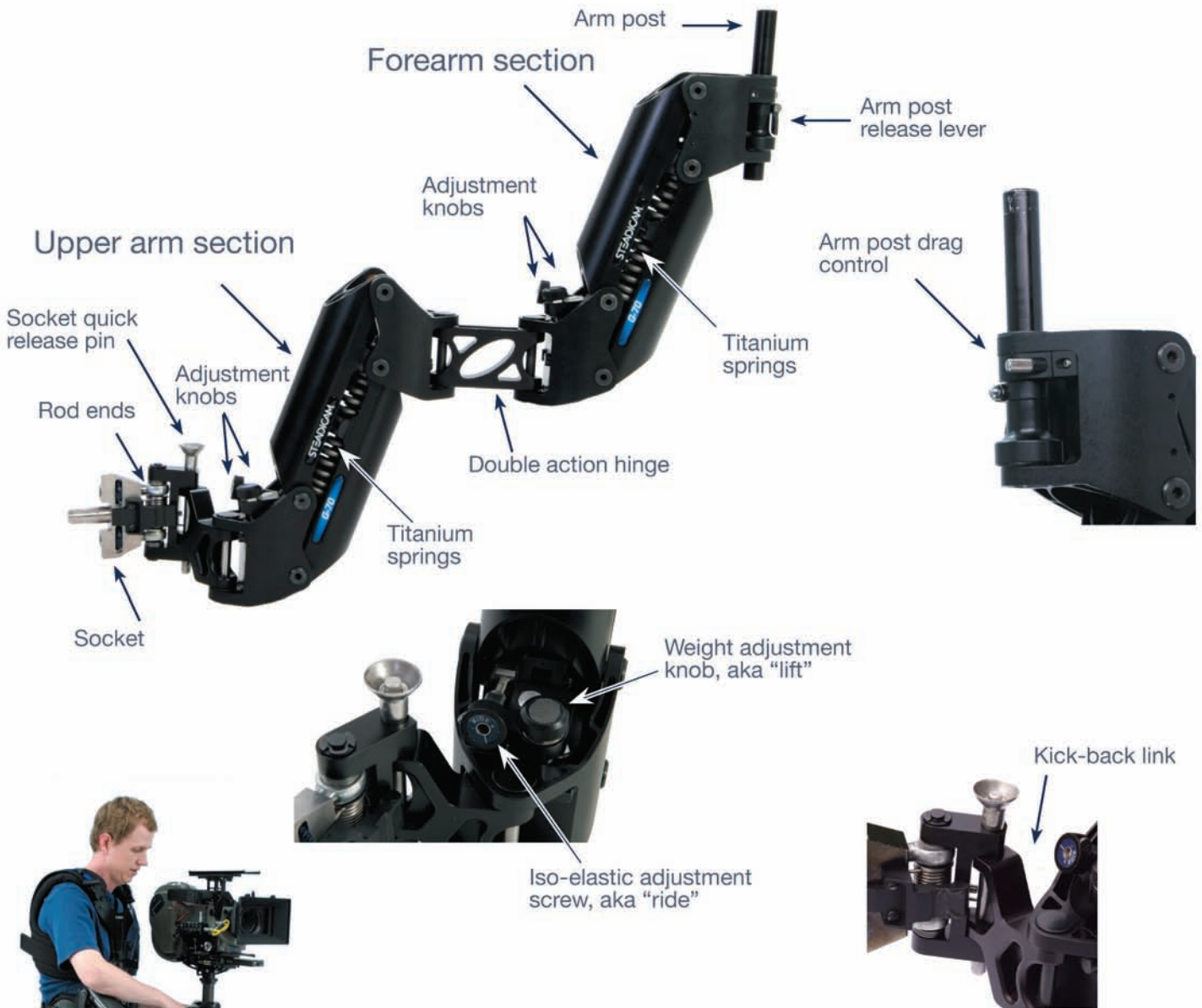


The Ultra² Vest



The G-70 Arm

The G-70 arm has a total lifting capacity of 12 to 70 pounds. The arm also incorporates a ride control, a quick post change mechanism, an arm post drag control and a kickback link. See the G-70 manual for details on adjusting the arm.



For complete illustrated instructions on the assembly and operation of your Steadicam Ultra², please refer to the Operating Manual.