

O'Connor

ENGINEERING LABS., INC.

QUALITY

WOODEN TRIPODS

Made from
Selected
Northern
Adirondack Ash



O'Connor

WOODEN TRIPODS

QUALITY FEATURES

- All components and parts manufactured and assembled at our modern plant in Costa Mesa, California.
- The interlocking wooden legs are hand selected Northern Adirondack Ash.
- All metal fittings are high strength aircraft-type aluminum.
- Leg lock knobs are easy to grip, light weight Lexan with steel insert threads.
- All tripods are equipped with double spiked feet, with an attachment for an optional internal spreader.
- Super Claw Ball Tripods are also available with Mitchell top castings.

WHY WOOD IS SUPERIOR

Wood has been the primary material for tripods since the beginning of the motion picture industry. Now O'Connor Engineering Laboratories has developed this industry standard to the ultimate state of the art for film and television crews alike.

The Northern Adirondack ash used in O'Connor tripods has a strength-to-weight ratio higher than either steel or aluminum. In addition, the cellular composition of ash is noted for its vibration and sound dampening qualities.

The durable wooden legs will tolerate much more abuse than aluminum legs. Aluminum legs, once they are dented, will not telescope easily. The O'Connor wooden tripod legs will telescope even when scratched or dented, or even if they are covered with mud or dirt.

If you are shooting in the direct sun of the desert, the wood will not burn your hands. Likewise, the snow and ice of the Arctic will not cause your hands to stick to the wood.

O'Connor wooden tripods are the ultimate in dependability and durability as are O'Connor Fluid Camera Heads for the professional television and film industries.

SIZE SPECIFICATIONS

CLAW BALL TRIPODS

	<u>HEIGHT</u>	<u>WEIGHT</u>
Regular	39" - 67"	9 Lbs.
Baby	18" - 26"	7 Lbs.

SUPER CLAW BALL TRIPODS

Standard	50" - 79"	18 Lbs.
Regular	46" - 66"	17 Lbs.
Sawed-Off	37" - 57"	16 Lbs.
Baby	26½" - 34½"	14 Lbs.

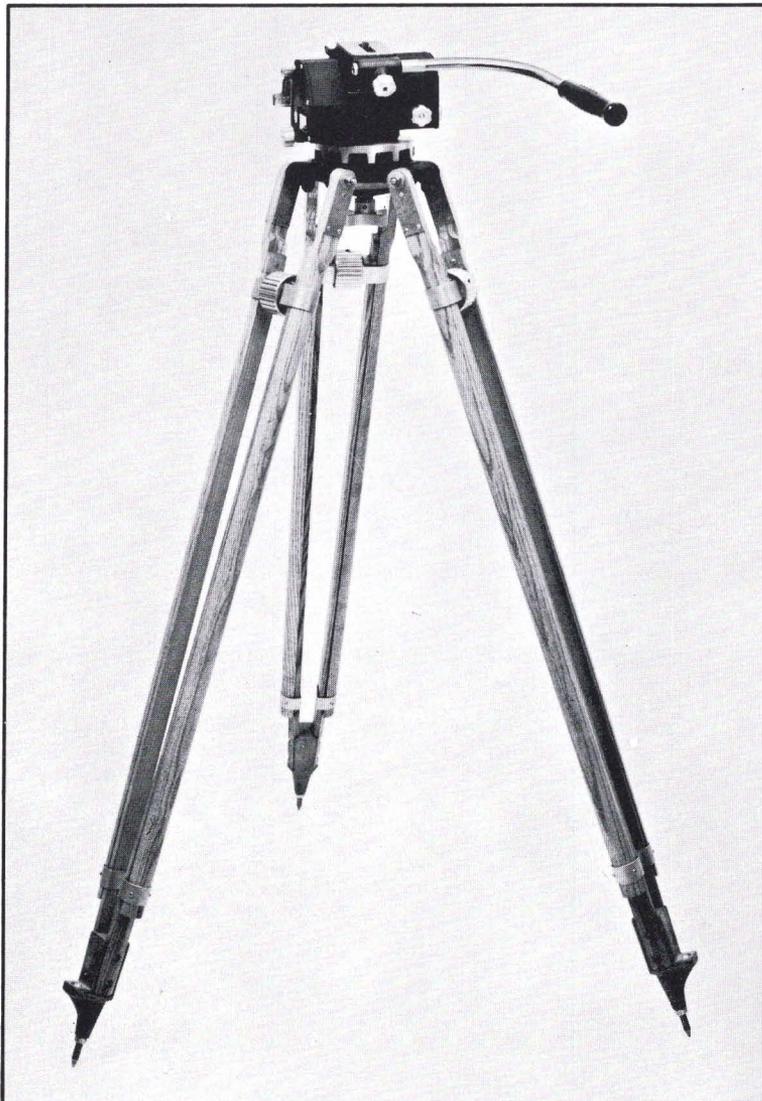
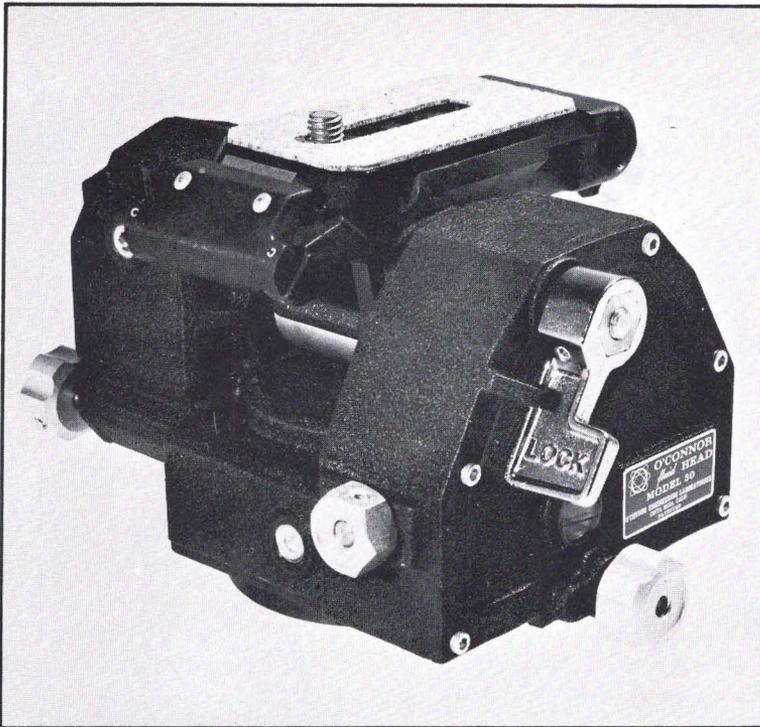
O'CONNOR ENGINEERING LABORATORIES, INC.

100 KALMUS DRIVE, IRVINE INDUSTRIAL COMPLEX
 COSTA MESA, CALIFORNIA 92626
 TELEPHONE (714) 979-3993 / (213) 627-4057
 CABLE ADDRESS "OCELINC" — TELEX: 685 641

O'CONNOR ENGINEERING LIMITED

14 AV. INDUSTRIELLE
 1227 CAROUGE
 GENEVA, SWITZERLAND
 TELE: (022) 42 79 38 — TELEX: 28 449

MODEL 30



As the newest addition to the O'Connor line, the Model 30 is representative of O'Connor's 25 years experience in building fluid heads. Mr. O'Connor first invented the fluid camera head in 1952.

The 30 is small and weighs just 5 lbs., yet it will handle motion picture and video cameras weighing 10 to 20 lbs. One of the standard features is a unique new counterbalance which can be adjusted in the field. It comes with an entirely new drag mechanism which is continuously adjustable through 360° panning and $\pm 60^\circ$ tilt.

The end result is a beautifully designed small head which has all the features and smooth-steady action which has made O'Connor the favorite of professionals throughout the world.

Featuring the exclusive fluid action principle which won O'Connor an Academy Award.



SPECIFICATIONS

Capacity	20 lbs. (9 Kg)
Weight	5 lbs. (2 Kg)
Size43/4" high, 7" wide, 5" long
Pan	360°
Pan drag	Fluid type, continuously adjustable
Pan lock	Independent from fluid system
Tilt	60° up and 60° down
Tilt drag	Fluid type, continuously adjustable
Tilt lock	Independent from fluid system
Counterbalance	Adjustable in field from 10 lb. to 30 lb. camera
Camera mounting screw	3/8"-16 (1/4"-20 on special order)
Base	Flat/Pro Jr. combination (options available)
Handle	Vertically and horizontally adjustable
Temperature range	-20° to 120°F -29° to 49°C
Material	Cast aluminum
Finish	Black wrinkle baked enamel, anodized or plated
Bearings	Frictionless roller and needle bearings
Shipping weight7 lbs. (3.2 Kg)
Accessories	Claw ball base, Arri 16, video double handles and metal shipping case and assorted tripods

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O'Connor

MODEL 55

METAL TRIPODS

O'Connor Engineering Laboratories' Model 55 Metal Claw Ball Tripod is a unique monocoque approach that combines the proven design of wooden tripods with the rigid qualities of metal.

This tripod offers the professional cameraman more rigidity than heretofore attainable in any tripod of this light weight.

The highly durable interlocking aircraft-type aluminum legs will tolerate more abuse than the more commonly used tubular type. In addition, the legs will slide under the most adverse conditions, even if they are completely covered with mud or dirt.

The new metal tripods will accommodate Model 30, 50 and 100 Fluid Camera Heads. These tripods have been tested to several times their normal weight capacity and are recommended for camera loads up to 100 pounds. An optional internal spreader and/or adjustable rubber spike guards are available.

FEATURES

- Unique dark glare-free anodized finish.
- Proven leg locking design that can withstand excessive abuse.
- Lightweight legs and top castings are made of high strength aircraft aluminum.
- Independently adjustable leg locking knobs are easy to grip and made of lightweight Lexan with steel insert threads.
- Maximum strength and rigidity in all directions, particularly rotation.
- The interlocking adjustable legs are not affected by dirt, grit, snow or extreme temperature changes.
- Double spiked feet with attachment for adjustable internal spreader.
- Retractable rubber spike guards available.
- All components are manufactured and assembled in our modern plant in Costa Mesa, California.



SIZE SPECIFICATIONS

CLAW BALL TRIPODS

	<u>HEIGHT</u>	<u>WEIGHT</u>
Regular	40" — 65"	10 LBS.
Baby	19" — 24"	7½ LBS.

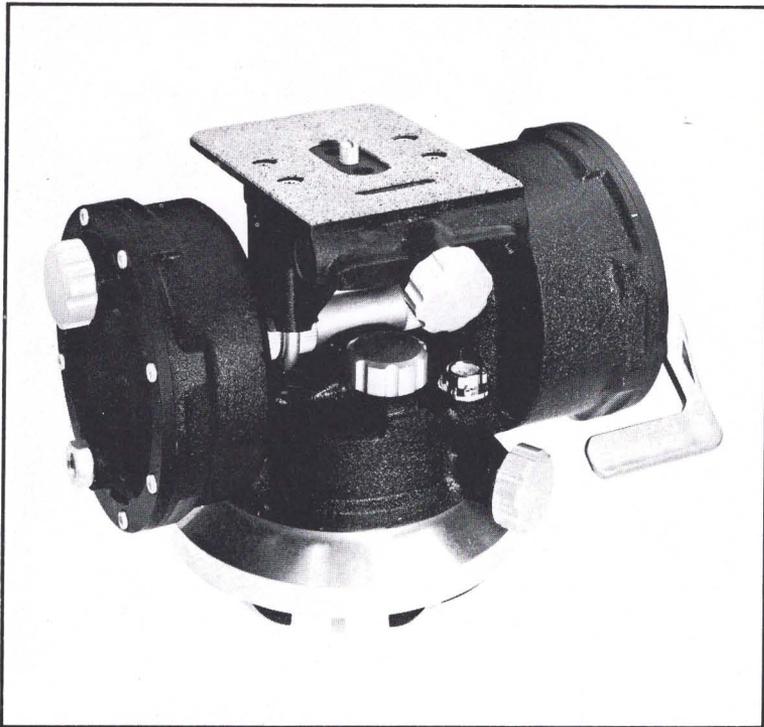
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O'Connor

FLUID CAMERA HEADS

MODEL 100-C



This low profile, lightweight head provides ultra-smooth panning and tilting for cameras weighing up to 100 lbs. Built of magnesium and aluminum alloy castings, the O'Connor 100-C weighs only 16 lbs.

Now the cinematographer is in complete, positive, flexible control of his camera, free to follow the action at any speed, in any direction, knowing the head will obey his every command. Panning and tilting can be done simultaneously, controlled by the same adjustable handle, which can be attached to either side.

The highest degree of professional cinematography is attainable with the O'Connor Model 100-C.

Featuring the exclusive fluid action principle which won O'Connor an Academy Award.



SPECIFICATIONS

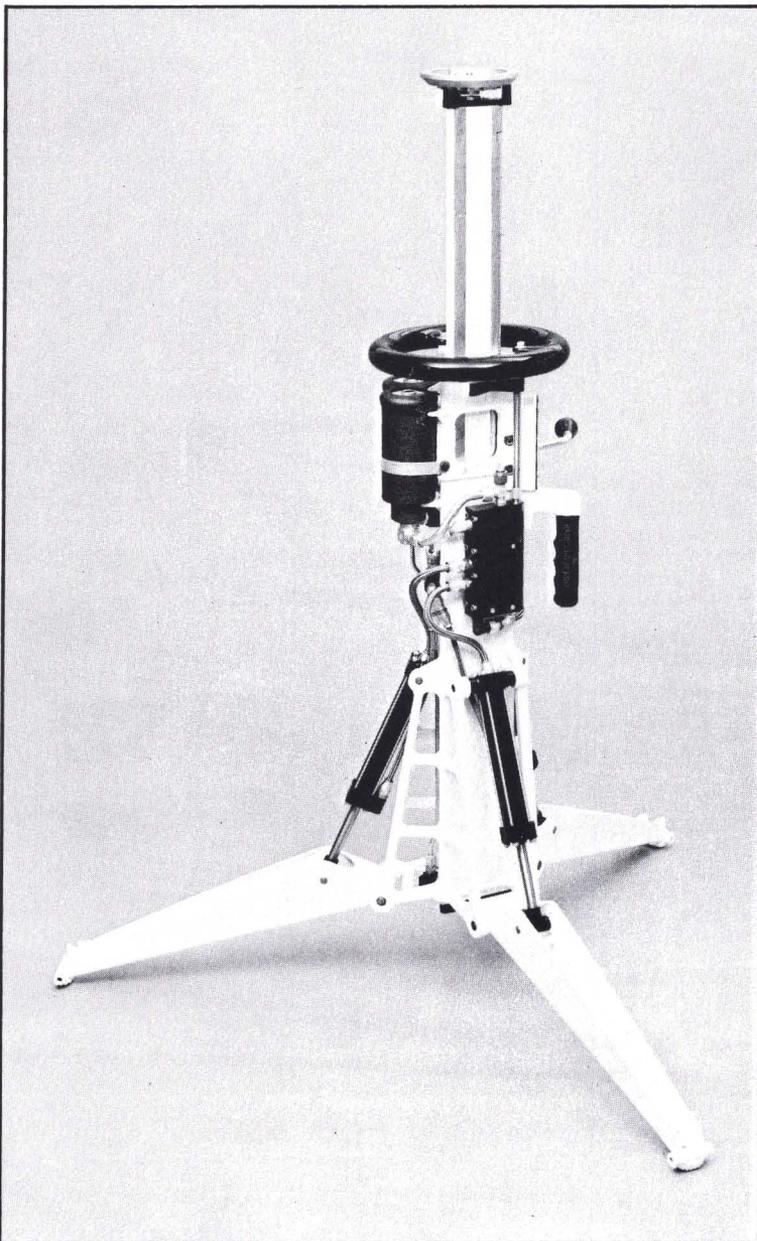
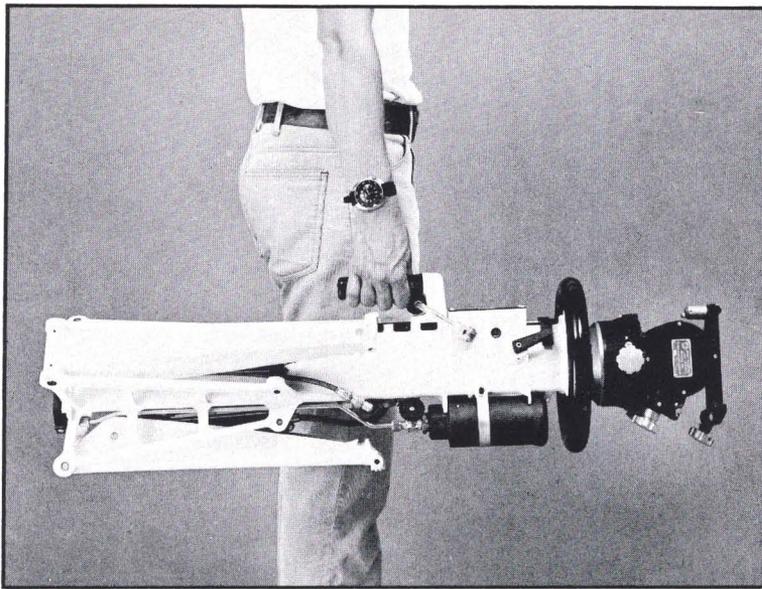
Capacity 100 lbs (45.5 kg)
 Weight 16 lbs (7.3 kg)
 Size 7" high, 11" wide, 7" long
 Pan 360°
 Pan drag Fluid type, continuously adjustable
 Pan lock Independent from fluid system
 Tilt 60° up and 60° down
 Tilt drag Fluid type, continuously adjustable
 Tilt lock Independent from fluid system
 Counterbalance 500 in-lb springs standard,
 300, 700 and 900 in-lb springs also available
 Camera mounting screw 3/8"-16 (with special lock lever)
 Base Mitchell type, standard (options available)
 Handle Right or left hand operation and
 vertically adjustable
 Temperature range -20° to 120°F
 -29° to 49°C
 Material Magnesium and aluminum alloy castings
 Finish Black wrinkle baked enamel, anodized or plated
 Bearings Precision-ground deep groove ball
 Shipping weight 20 lbs (9.1 kg)
 Accessories Arri 35, super claw ball & Pro-Jr. bases;
 adjustable double handle platform, video double
 handles, metal shipping case and assorted tripods

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O'Connor
FLUID CAMERA HEADS

Hydro-Ped MODEL 102-B



Here is an ingenious concept in camera support equipment which provides the professional cameraman with many advantages over traditional tripods. The Hydro-Ped levels and locks hydraulically on any terrain up to 40° and is four times as rigid as a conventional tripod in torsion and bending.

The center column is hydraulically adjustable from 30 to 60 inches at a selected speed which you control. The column is hydraulically balanced so that it can handle its own weight and the weight of the camera and head up to 100 lbs. on the column. Each unit is tested to 400 lbs. on the legs before you ever see it.

Built to travel, the O'Connor Hydro-Ped is made of a sturdy magnesium and aluminum construction, weighing only 29 lbs. and folds to 30 inches long and 9 inches in diameter. A single centered handle with comfortable grip makes it easy to tote even in the worst terrain.

The Hydro-Ped will accommodate most of the O'Connor heads and is most commonly sold with the Model 50.

SPECIFICATIONS

Capacity	100 lbs (45.5 kg)
Weight	29 lbs (14 kg)
Size	Folded 10" diameter, 31" long
Leg extension	40" for maximum stability
Operating Limits	Levels to a 40° slope
Leveling	Hydraulic
Elevation	Hydraulic
Base	Pro-Jr type, standard (Mitchell available)
Temperature range	-40° to 140° F -40° to 60° C
Material	Magnesium and aluminum alloy castings
Finish	White or black
Bearings	Sleeved
Shipping weight	40 lbs (18.2 kg)
Accessories	Mitchell base, wheels (for conversion to a dolly) and metal case

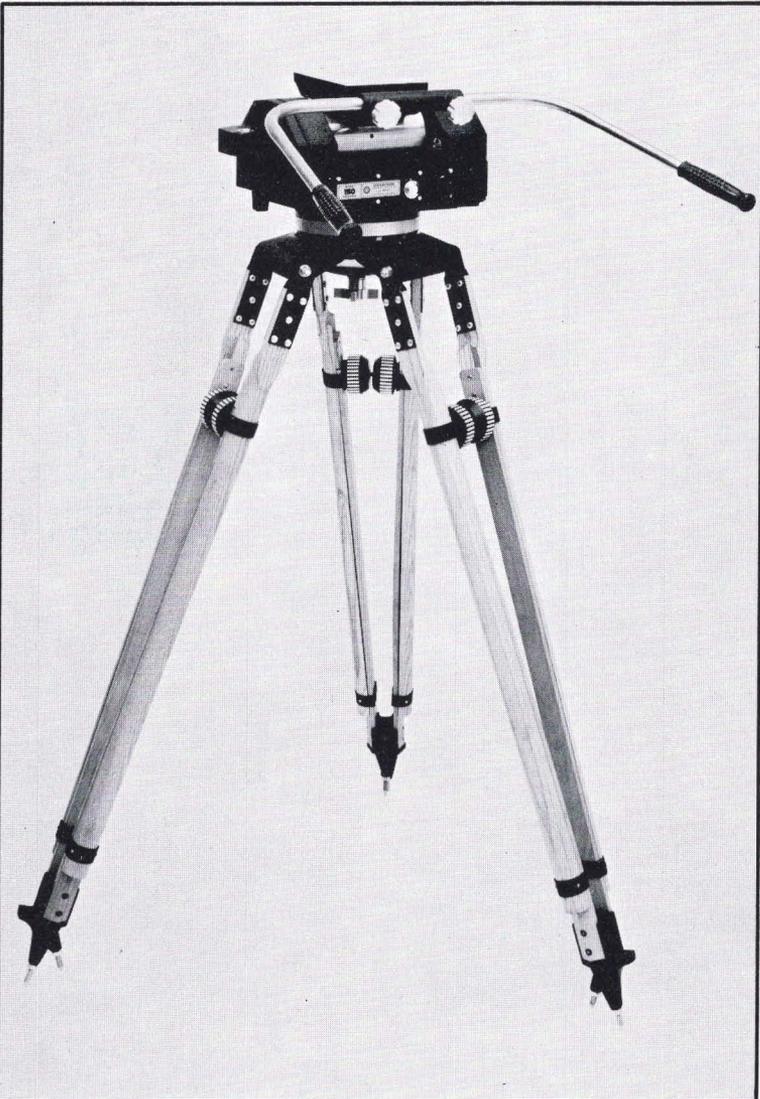
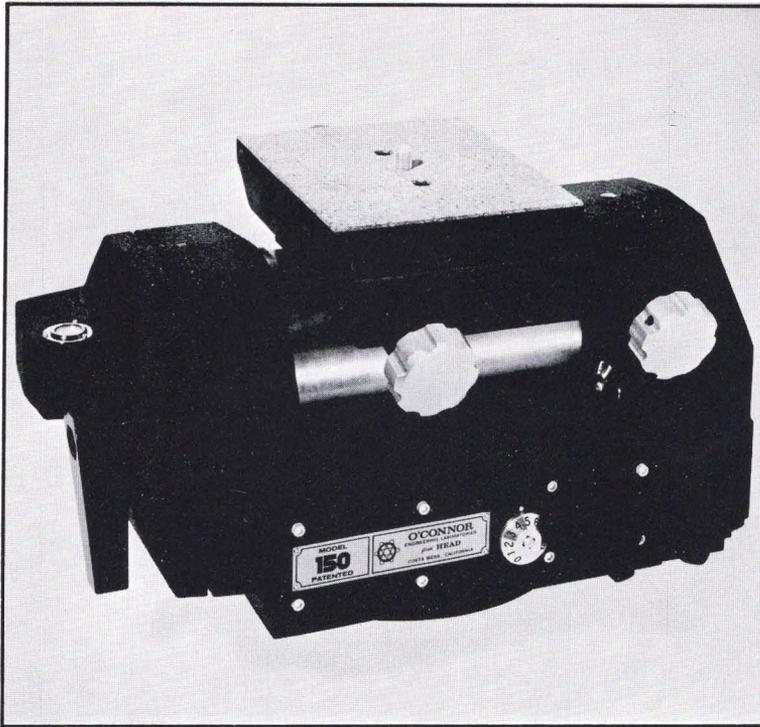
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FLUID CAMERA HEADS

MODEL 150-XR



Studio-type motion picture and television cameras weighing up to 125 lbs. are handled with ease when mounted on this beautiful 25 lb. O'Connor 150-XR.

This head is completely counterbalanced at all times including extreme tilt positions, making operations much easier. It features pan and tilt drag adjustments with dial indicators and an independent pan and tilt lock. A removable and adjustable camera mounting plate can be mounted to the camera and an adjustable feature will accommodate different lenses and film magazines.

Built of magnesium and aluminum castings, the lightweight 150-XR provides exceptional maneuverability.

Featuring the exclusive fluid action principle which won O'Connor an Academy Award.



SPECIFICATIONS

Capacity 125 lbs (57 kg)
 Weight 25 lbs (11.4 kg)
 Size 7" high, 14" wide, 9" long
 Pan 360°
 Pan drag Fluid type, continuously adjustable
 Pan lock Independent from fluid system
 Tilt 45° up and 45° down
 Tilt drag Fluid type, continuously adjustable
 Tilt lock Independent from fluid system
 Counterbalance 1000 in-lb spring,
 600 and 1500 in-lb spring also available
 Camera mounting plate and screw 6" long x 5" wide
 with 3/8"-16 screw
 Base Mitchell type, standard
 Handle Vertically and horizontally adjustable
 Temperature range -20° to 120° F
 -29° to 49° C
 Material Magnesium and aluminum alloy castings
 Finish Black wrinkle baked enamel, anodized or plated
 Bearings Pre-loaded roller
 Shipping weight 30 lbs (13.6 kg)
 Accessories Super claw ball to Mitchell adapter,
 double handle platform w/video double handles,
 metal shipping case and assorted tripods

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