

# Fluid Gimbal Head

GITZO



Photo by  
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This ground-breaking **Fluid Gimbal Head** is far more than a 100 year celebratory photographic tool. With the new **Fluid Gimbal Head**, Gitzo has once again lived up to its reputation as a brand that keeps **pushing boundaries**, making every movement **precise and uninhibited**, enabling photographers to capture **flawless, breathtaking photos and videos**.

The new **GHFG1** Fluid Gimbal Head is **ideal for wildlife photography and birdwatching**, especially for extensive observation, because it guarantees perfect balance, even with heavy equipment (up to 8kg). With clean and harmonic lines, Gitzo's distinctive Noir Décor finish and extreme attention to detail, meet the latest technological breakthrough - the **fluid cartridge and fluidity control system** - making this head the perfect blend of aesthetic appeal and performance. **Fluid cartridge technology** from the video world is being applied to a gimbal head for the **very first time** in this model. It **absorbs vibrations and ensures smooth movement** throughout observation and shooting, even with very large lenses.

The Fluid Gimbal Head cartridge also features an **innovative fluidity control system, the Whip-Pan**, which delivers superlative device control with high-speed movements. This device applies automatic friction, excluding fluid rotation on the head's panoramic axis and maintaining smoothness at low rotation speeds, as typically required in video heads. **Users have full movement control** as they shoot, so there is no risk of shocks or vibrations. At **high rotation speeds**, when it's time to quickly reposition the camera, the whip-pan instantly excludes fluidity, allowing free movement **without lifting the tripod off the ground**. Fluid rotation is automatically and instantly restored when the rotation speed decreases.

The **GHFG1 Fluid Gimbal Head** is especially designed for Gitzo's **Systematic and Mountaineer tripods**.

This essential piece of kit balances the camera, lens or scope at their natural centre of gravity. Horizontal and vertical balancing makes it possible to achieve **perfect equilibrium**, but thanks to the fluid cartridge, this is far easier to achieve than with any other head, even with **heavy equipment**.

Featuring **soft-touch ergonomic knobs** and **built-in Arca-type compatible quick release** base and new, Arca-type plate with **rubber grips**, this head is built to perform securely and provide the greatest handling ease, which is further enhanced by a **detachable pan bar**.

Its stiff yet **lightweight magnesium body** is the result of a combination of high-pressure hot chamber die casting, which makes it possible to obtain low profiles with robust, streamlined design, conferring the head its extremely strong structure.

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## Specifications

Weight	1.35kg (without panbar and plate)
Safety Payload Weight	8kg
Material	Aluminum & Magnesium
Head Type	Gimbal
Top Attachment	3/8 universal mount
Base Diameter	6cm
Plate Type	Quick release - with 1/4 screw
Friction Control	No
Tilt Angle	360° (30° with mounted pan-bar)
Panoramic Rotation	360
Color	Black, Noir Decor
Independent Pan Lock	Yes
Independent Tilt Lock	Yes
Maximum Working Temperature	50 degrees C
Minimum Working Temperature	-10 degrees C
Pan Bar Included	Yes, adjustable position
Pan Drag	1 step plus variable PTFE friction Continuous and self-disconnectable (whip-pan)
Quick Release	Yes
Tilt Drag	Fluid cartridge with fixed drag
Plate position (mm)	Adjustable (from +0 to -121.5 mm from tilt axis)
Height	24.1cm
Width	8.2cm
Depth	21.5cm
Plate Type	GS5370LD Quick Release D Long Arca Style

