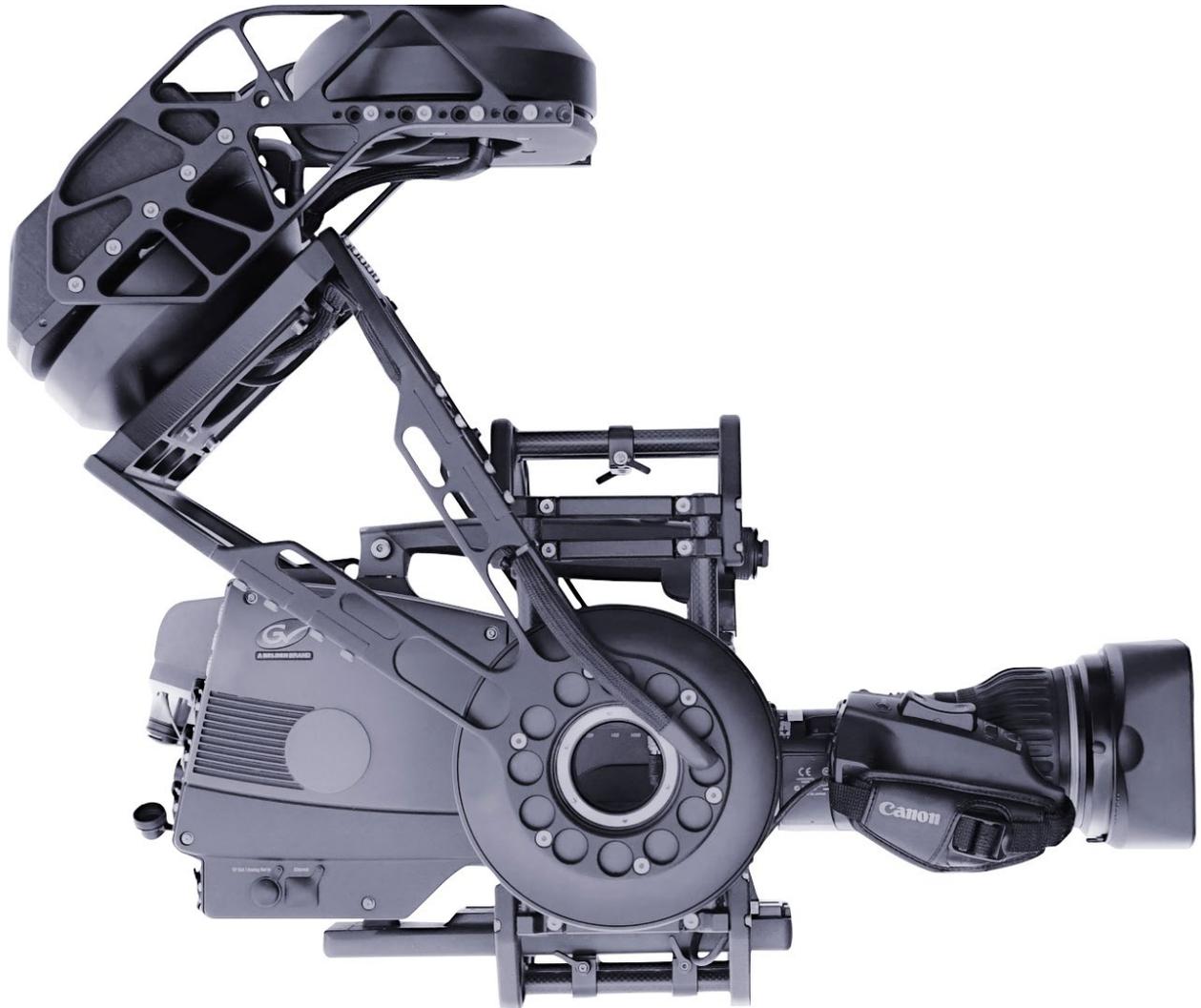


mo-sys

CAMERA MOTION EXPERTS



Mo-Sys G30 Gyro-Stabilized Heavy-Duty Camera Head

'With stub-frame and over-motoring'

Key Features

Novel 45 Degree Frame Geometry

- **Increased camera access** - provides all round increased access to camera connectors and components. Ensures minimum downtime whilst mounting cameras to the **G30**.
- **Shorter and stiffer frame** - better performance when used on extended camera cranes. Provides crisper camera movement with minimal flexing, ensuring the smoothest looking images.
- **No gimbal lock when camera points down** - with a re-ordered axis priority (pan, roll, tilt), the G30 frame geometry solves the downward **gimbal lock issue**. This occurs in some conventional remote heads when mounted on crane, where pan axis movement/stabilization is not possible when the camera points directly down. Removing downwards gimbal lock ensures the **G30** has all 3 axes of movement and stabilization available for downward looking shots.
- **+/- 45 degree roll axis** - enough for most story telling. Providing 90 degrees of roll axis movement, whilst avoiding downward gimbal lock, delivers more valuable capability for most productions.



Key Features

Oversize Direct Drive Motors

- **High torque output** - provides rapid stabilized acceleration of heavy payloads. Ensures the **G30** delivers crisp precise camera movement with optimum stabilization.
- **Built-in axis encoders** - for virtual production and green screen use. Enables the **G30** to be used for VFX shots without re-rigging or additional external encoders.



Designed for Large Camera/Lens Packages

- **Oversized frame** - no need to use counterweights with large camera payloads to compensate for a gyro frame that is too short. The **G30**'s frame design combined with its powerful motors and semi-automatic balancing system, ensures that balancing a heavy payload is as simple as balancing a medium payload.

High Payload

- **30kg/66lbs rated payload** - provides the fastest stabilized acceleration of camera payload in its class. The oversized motors and stub-frame design ensure that the **G30** can provide stabilised movement for any camera and lens package chosen by the DP.

Key Features

Smart Cable Management

- **Easy cabling without sliprings** - no need to be restricted to certain camera packages and matching adapter cables. Any camera can be deployed on a **G30** providing DPs with the widest possible choice of camera and lens combinations.
- **Drive motor 'through holes'** - pass standard cables through all three axis motors. Ensures the fastest camera and lens cabling, reducing downtime.



Simple Tuning

- **Auto inertia measurement** - on startup the **G30** automatically measures and calibrates for the mass of the camera package. This significantly reduces the time required to tune each camera package.
- **Factory pre-sets** - growing list of pre-sets for different camera/lens package weights that can be loaded into the system. This helps simplify the tuning process, minimizing the downtime.
- **Console pre-set buttons** - tuning pre-sets conveniently selectable from buttons on the console. Ensures that when a previously tuned camera package is re-mounted to a **G30**, that the tuning is easily accessible and loaded immediately.

For more information

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