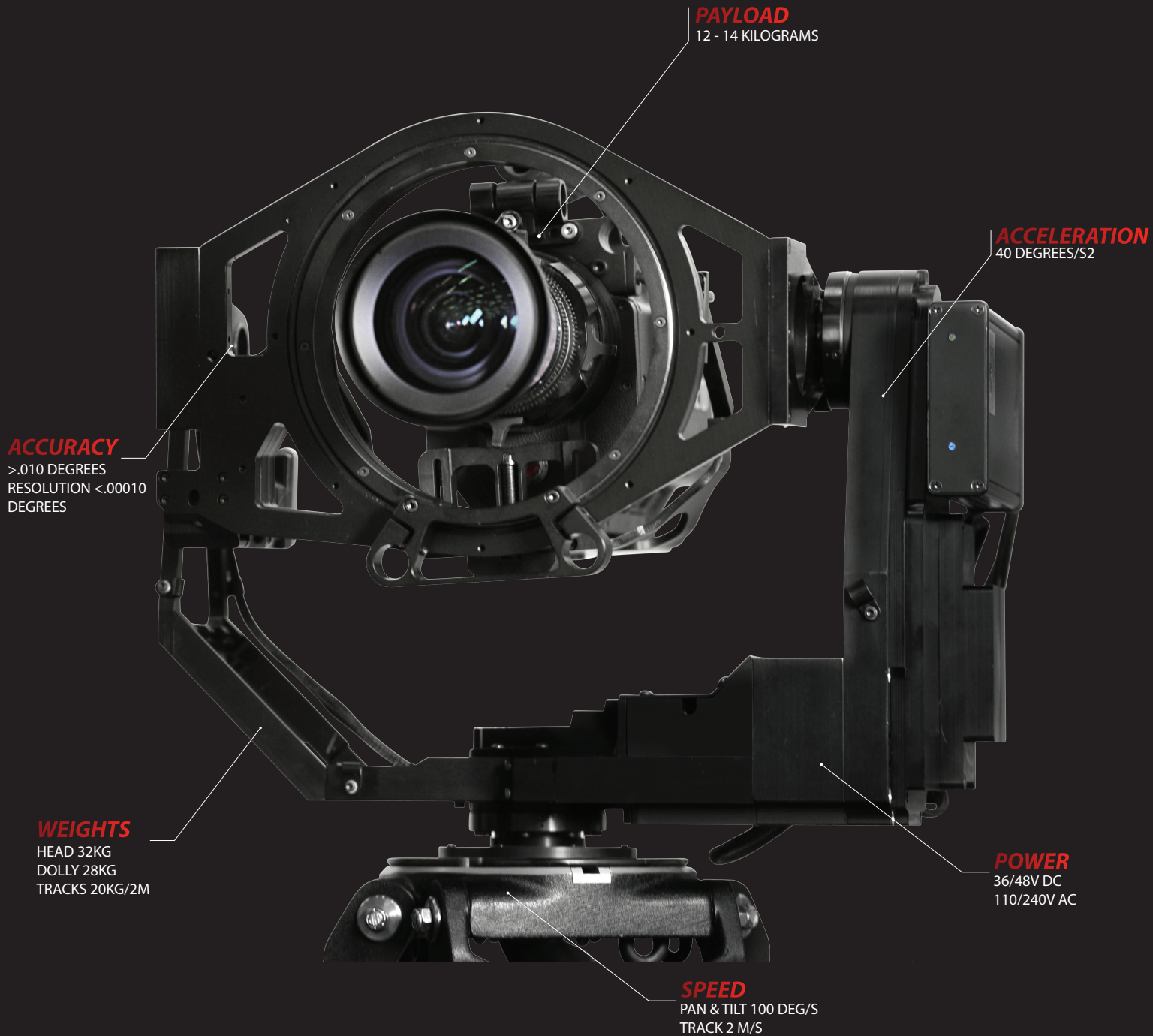


MINI-MO

MOTION CONTROL RIG



The MINI MO is a pan tilt (with optional roll) head and is particularly suited to RED, Alexa Mini & ENG style cameras. These cameras can be placed on optical centre.

The Mini Mo is the ultimate quick to setup and use motion control for shots that do not require large scale moves. Compact and light weight to be used on any location.

The rig is controlled with Academy award winning Flair software, offering an optional hand wheel interface to record the operator's moves, and 2 lens axes which can be used for focus & iris/zoom control.

The software runs moves from stop frame/time lapse crawl speed to live action or high speed frame rates. Camera moves can also be exported in FBX or Maya formats.

TRACK & SLIDER INFORMATION

The MINI MO is a versatile system, offering a basic pan/tilt/roll head, which with the optional MINI MO DOLLY can be used with the below track options.

LENS HEIGHT
± 600MM FROM
BOTTOM OF TRACK

3M SLIDER
CAPABLE OF BEING MOUNTED
UPSIDE DOWN FOR VERSATILITY
1.5M EXTENSIONS ALSO AVAILABLE

1.5M SLIDER
AVAILABLE AS A SINGLE
OR JOINABLE TO MAKE
A 3M SLIDER

6M SLIDER
AVAILABLE IN 3X 2M
SECTIONS WHICH JOIN
TO MAKE 1X 6M SLIDER



The Mini Mo on the 3m slider works over and underslung to achieve a wide range of camera angles.

With the roll axis option one can incline the slider up to a maximum of 20 degrees.

The 3M slider on a HYBRID or similar conventional dolly is by far the most efficient method to wrangle shots on set.

By supporting the slider in the centre one can find the right position, height and orientation for the shot, and then Grips can quickly support the ends with either tripods or apple boxes. One can be shooting in minutes.



DIAGRAMS & TECHNICAL INFO

The MINI MO head can be used on it's own, on a tripod or under-slung at the end of a crane, or with it's optional track & dolly. We have 6m of track available and more can be arranged on request.

MINI MO FEATURES

PAN TILT can accommodate up to an Alexa XT

PAN TILT ROLL works well with Red and Alexa Mini cameras

STILLS CAMERAS - Canon 5D & Nikon D800 are supported with a camera interface to allow rig to trigger single frames from the control box

MOVE PROGRAMMING - moves can be programmed in a variety of ways using Mark Roberts Flair. The simplest is by storing key frames. Speed and acceleration can be set to ease in and out smoothly, or one can program hard start and stops to maximize the move speed

HAND WHEELS are a popular method of programming. The DP or operator controls pan and tilt for the live action plate and the system records his/her move to repeat for the background plates

FOCUS is programmed the same way, setting focus points along the move, or recording the focus pullers move and replaying it on subsequent passes

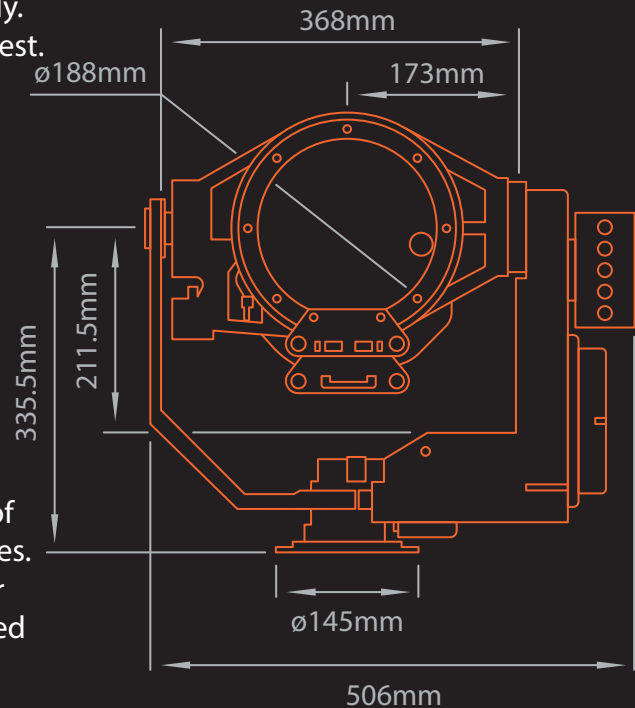
IRIS pulls are popular for long duration time lapse moves. This ensures the exposure is kept within acceptable limits through the time lapse

ZOOM - short zooms can be programmed into the rig. The head is smooth up to 100mm focal lengths (super 35) but when tracking it is best to keep to below 35mm. Longer focal lengths are possible in stop frame/time lapse mode

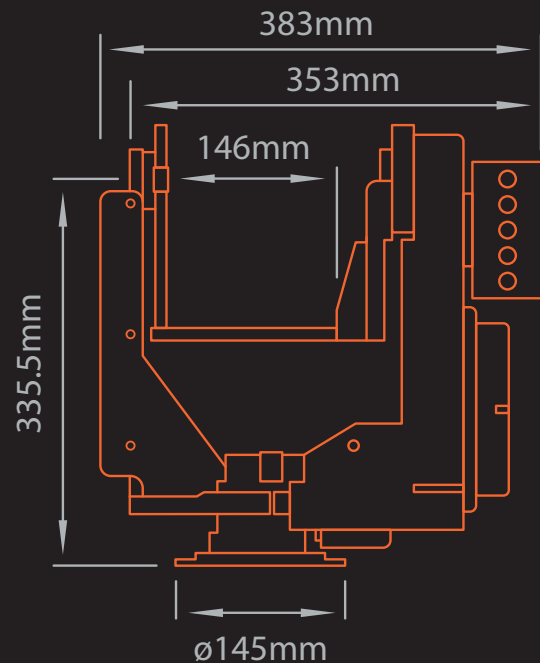
ACCURACY - high precision, pixel accurate

DATA can be exported as FBX or MB files for graphics plaforms

PAN, TILT & ROLL



PAN & TILT



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