

MODULA

MODULAR ROBOTIC SYSTEM

CRANES & RIGS



PAYLOAD
CAPACITY (KG)



CUSTOMISABLE TO
VARIOUS CONFIGURATIONS



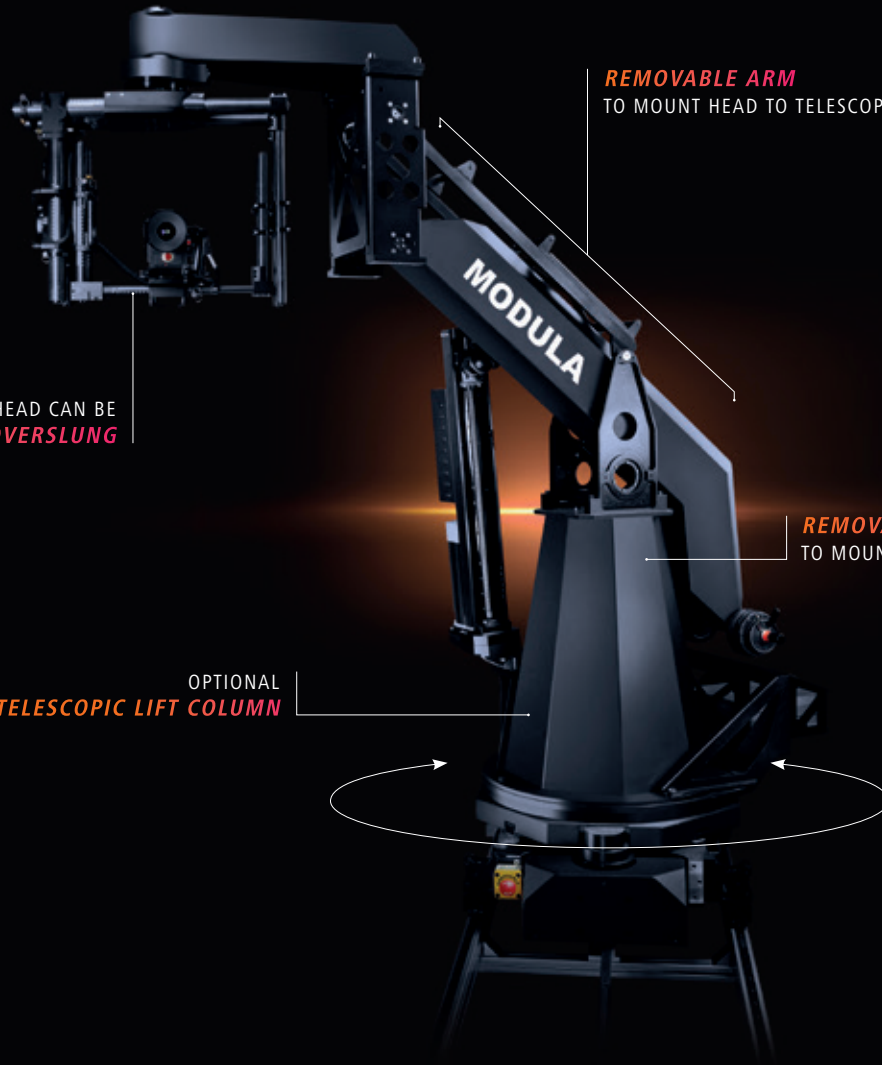
LIGHTWEIGHT
AND PORTABLE



FITS THROUGH
STANDARD DOORWAY



FAST
SETUP TIME



HEAD CAN BE
UNDERSLUNG OR OVERSLUNG

REMOVABLE ARM
TO MOUNT HEAD TO TELESCOPIC LIFT COLUMN

REMOVABLE TURRET
TO MOUNT ULTI-HEAD TO BASE

OPTIONAL
TELESCOPIC LIFT COLUMN

The Modula System is a rig specifically designed to meet a variety of shooting conditions. As the name suggests, it is modular and can be configured depending on shooting requirements.



A Nikon Company



MARK ROBERTS MOTION CONTROL

MODULA SPECIFICATIONS

The Modula incorporates the versatile Ulti-Head (a high payload robotic pan/tilt/roll head) which together with the track and optional turret configurations, gives a wider choice of shooting options.



SPEED

The Modula can reach rail speeds of more than 3 metres per second.



LIGHTWEIGHT OR PRECISION RAIL

Can be mounted to lightweight rail for easy transport, or use precision rail for maximum rigidity.



COST EFFECTIVE

Start with a simple head and track system, then gradually expand the kit as the budget and need arises.



MANUALLY MOVE RIG

The Track axis is 'back driveable', meaning the rig can be pushed manually to record the required movement which can then be saved and replayed by Flair.

RIG PERFORMANCE

| | |
|---|---|
| Track | As required @ 3m/s |
| Rotate | Unlimited range of travel @ 40°/s |
| Lift Range of Travel (arm + turret) | 1.15 metres |
| Lift Range of Travel (arm + telescopic column) | 2.1 metres |
| Lift Range of Travel (telescopic column only) | 0.75 metres |
| Range of Motion | 1.15 metres |
| Pan | Unlimited range of travel @ 120°/s |
| Tilt | Unlimited range of travel @ 120°/s |
| Track Section | 60cm width Precision lightweight track |
| Track Drive Mechanism | Rack & pinion or optional belt & pulley |
| Camera Payload | 35kg |
| Dimensions | Subject to requirements |
| Rig Width | Fits through standard doorway |

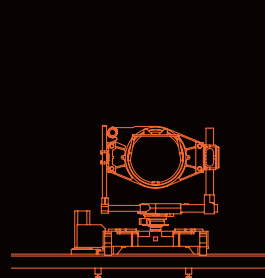
RIG WEIGHTS

| | |
|-------------------------------|--------------|
| Base | 34kg / 75lbs |
| Turret | 25kg / 55lbs |
| Arm | 35kg / 77lbs |
| Head | 25kg / 55lbs |
| Counter Weights 4x10kg | 40kg / 88lbs |
| Rotate Ring | 35kg / 77lbs |

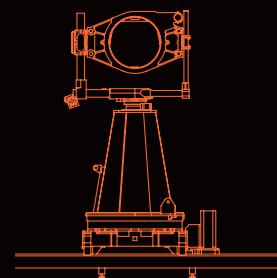
POWER CONNECTION

| | |
|---------------------------|-----------------------------------|
| Power requirements | Single Phase 110/240 VAC, 50/60Hz |
|---------------------------|-----------------------------------|

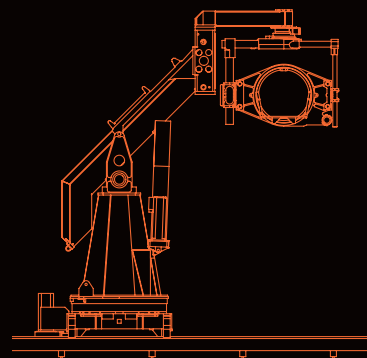
MODULA RIG OVERVIEW



MODULA ON TRACK
Compact High-Speed Unit



MODULA WITH TURRET
Add Height



MODULA RIG
Full Motion Control System



MARK ROBERTS MOTION CONTROL

MARK ROBERTS MOTION CONTROL
TELEPHONE: +44 (0)1342 838000
EMAIL: info@mrmoco.com
www.mrmoco.com/modula

