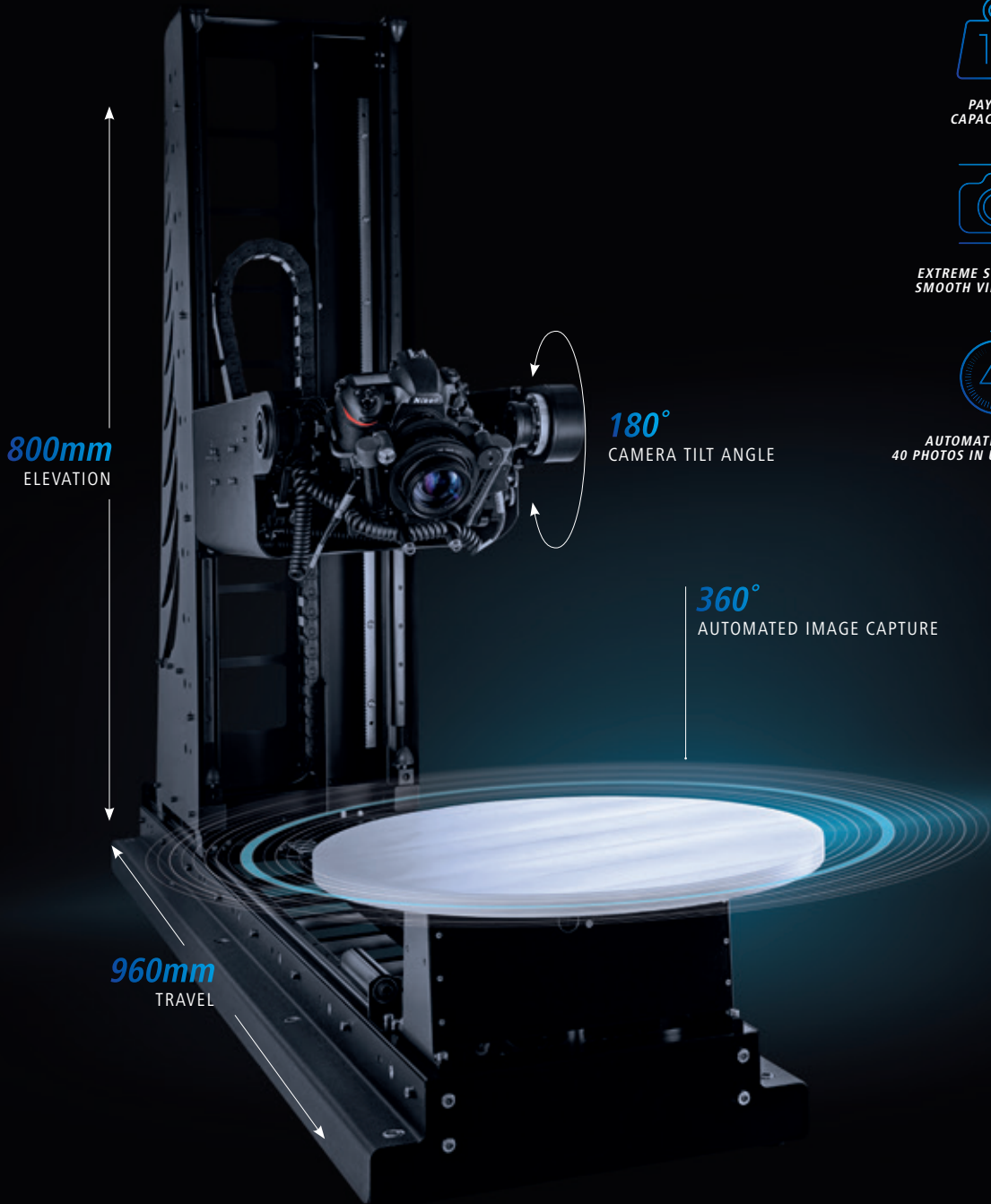


# ORBITAL

HIGH-VOLUME PRECISION IMAGE CAPTURE

PHOTOGRAPHY



800mm  
ELEVATION

180°  
CAMERA TILT ANGLE

360°  
AUTOMATED IMAGE CAPTURE

960mm  
TRAVEL



PAYLOAD  
CAPACITY (KG)



EXTREME STABILITY FOR  
SMOOTH VIDEO CAPTURE



AUTOMATED CAPTURE  
40 PHOTOS IN UNDER A MINUTE

A powerful automated camera rig developed to bring production line levels of efficiency, accuracy and reliability to the world of product photography. Create high volume consistent product images and video at the touch of a button.



A Nikon Company



MARK ROBERTS MOTION CONTROL

# ORBITAL SPECIFICATIONS



## CAPTURE

Shoot stills, 360 spins, multi-row images and ultra-smooth video.



## PRECISION POSITION

Precision management of camera positions with full settings for lens height, distance, focus and rotational speeds of changeable turntables.



## SAVEABLE PRESETS

Create and save defined camera and turntable moves for an automated capture workflow.



## ORBITAL XL

For larger products there is the Orbital XL Rig. Specifically designed to capture larger items such as fridges, beds or even cars.



## DIGITAL ASSET MANAGEMENT

Images automatically delivered directly to your digital asset management system.



## EASY, INTUITIVE CONTROL

Produce high-quality images in all of your product photography with our powerful motion control software. Supplied as standard, Flair gives you precise control over every aspect of the Orbital Rig.



## ZERO-BACKLASH TURNTABLES

The Orbital is compatible with all of MRMC's zero-backlash turntables. Available in Small, Medium and Large – with payloads up to 600kg.

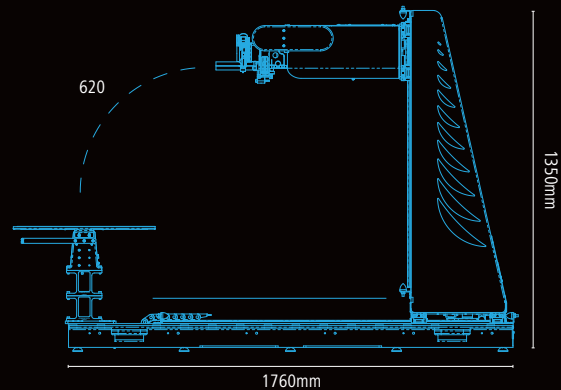


## AUTOMATED WORKFLOW

Remove the need for the photographer to manually reposition products between each shot. Simply programme the Orbital Rig with the movements and shot angles required.

## SPECIFICATIONS

<b>Weight</b>	75kg
<b>Camera Payload</b>	Up to 15kg
<b>Maximum Speed</b>	Up to 130mm/sec
<b>Arc of Motion</b>	See Diagram
<b>Dimensions</b>	1395 x 1850 x 420mm
<b>Power</b>	110-240 VAC
<b>Accuracy</b>	<0.02°
<b>Resolution</b>	<0.0002°



**3:00**  
MINUTES

Average time per product for eight shots using in-house solutions

VS

**0:15**  
SECONDS

Average time per product for eight shots using the Orbital system

## FURTHER TIMING BREAKDOWNS

1 spin	10 photos	1 top photo	0:13
1 spin	36 photos	1 top photo	0:33
3 spins	10 photos each	1 top photo	0:40



MARK ROBERTS MOTION CONTROL

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