



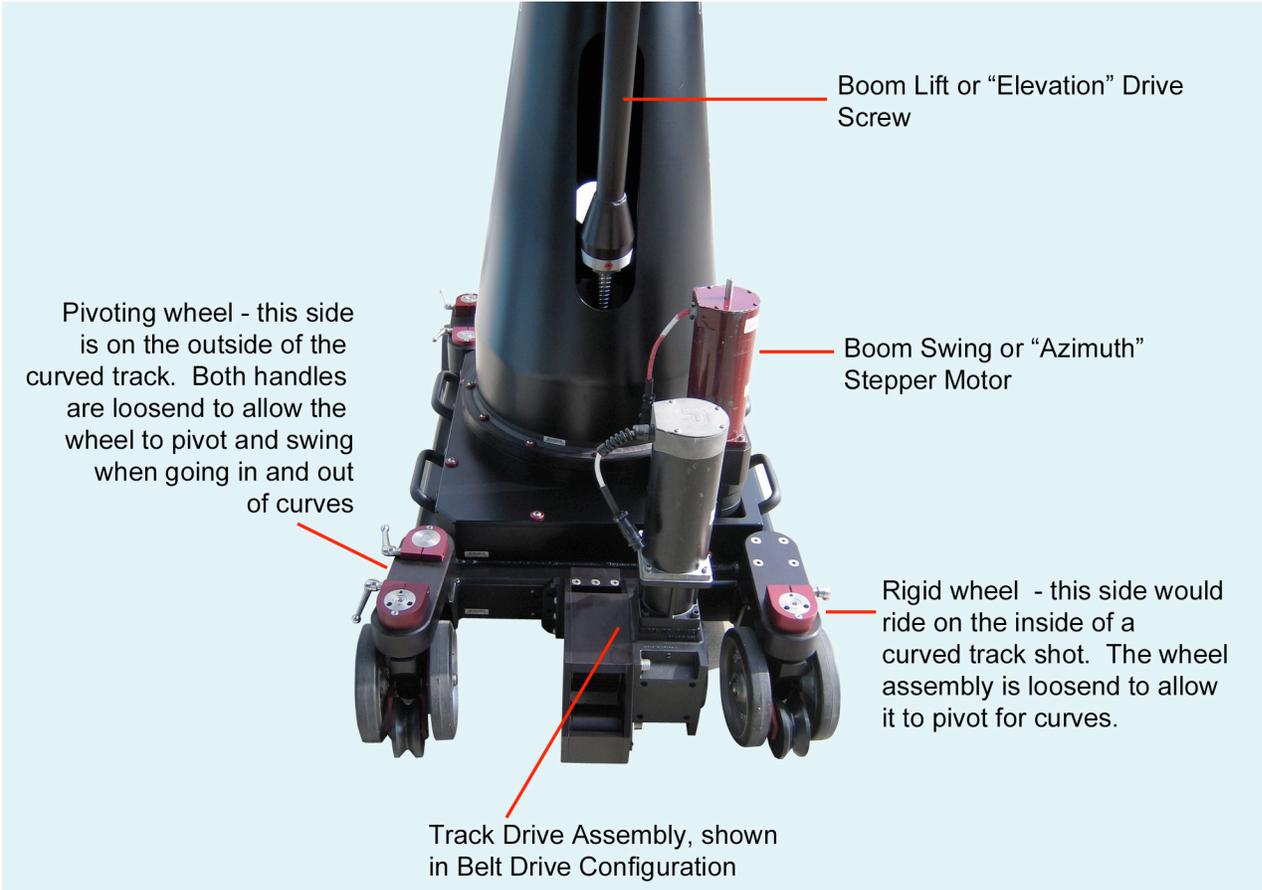
Genuflex Mk III Specifications



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Genuflex Mk III Motion Control System

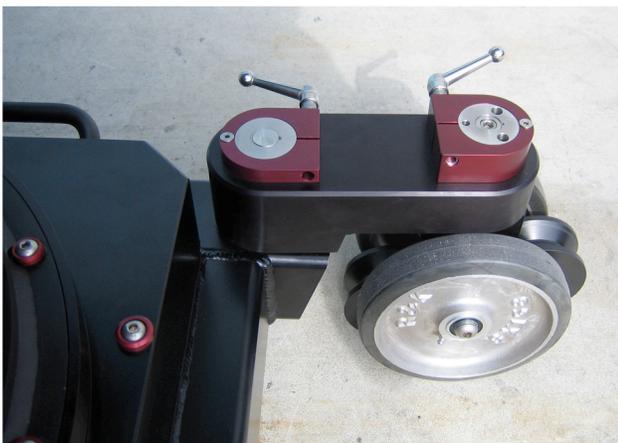




Changing the Boom arm is as simple as lifting the handle on each side at the top of the cone and removing the pin from the top of the lift tube. The Boom arm is lifted out and the size needed is put back in its place. Reverse the procedure above and you are done!



The Genuflex Mk III is designed with the crew in mind. Big handles are supplied on each side to aid in lifting and place the system where you need it. All materials are aircraft quality aluminum and anodized, all hardware is stainless steel for rust proof and all surfaces are “epoxy powder coated” for durability.



The Mk III wheel assembly has large stainless adjusting handles; when you need to put the Mk III on Curved Track, no tools are by the technician! Taking off the “track wheel module” and putting on the “precision ball bushings” for use with the General Lift SDI Motion Control track is a simple no tool procedure as well.

The Genuflex Mk III is the culmination of over 10 years of on set use with motion control systems. It is the most flexible in its ease of use and it is Superior in its functionality. The Genuflex Mk III is the most advanced of any system on the market today.



Genuflex Mk III Specifications

Speed - JetRail/Genuflex

Track	excess 10 ft per second, (305 cm per second)
Boom Swing	180° in 2 seconds
Boom Elevation	8 ft in 2 seconds, (244 cm in 3 seconds)
Camera Pan	180° in 1 sec. or less
Camera Tilt	180° in 1 sec. or less
Camera Roll	180° in 1 sec. or less

JetRail Base size:	Length 57 inches, (145 cm) Width 30.60 inches, (78cm)
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These figures are conservative and are achieved utilizing 160 Volt, 8 amp drivers on all axes.

Boom arm the distant from the center of rotation to camera film plane at nodal

Short arm	71.5 inches (182 cm)
Standard arm	90.5 Inches (230 cm)
Long arm	120.5 Inches (306 cm)

Boom arm is + / - 45 degrees off level

Short arm with	83.54 inches of travel, (212 cm)
Standard arm with	110.24 inches of travel, (290 cm)
Long arm with	152.76 inches of travel, (388 cm)

Center of boom arm rotation from floor to center is 58.58 inches, (148.79 cm)

Degrees of Motion

Boom Swing	360°+
Boom Elevation	45 ° +/-
Camera Pan	360°+
Camera Tilt	360°+
Camera Roll	360°+

System weights

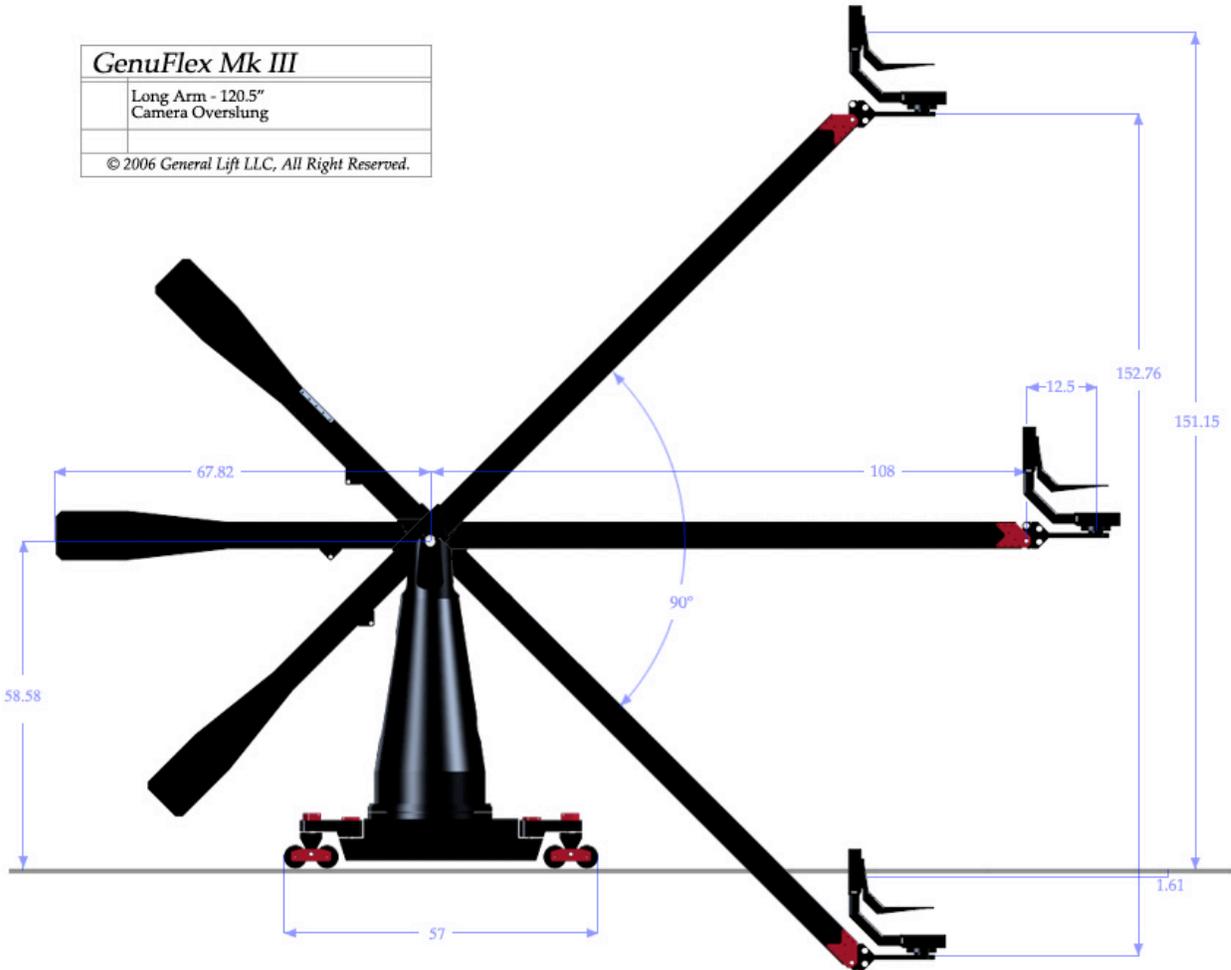
JetRail Dolly & Swing	630 lbs (286 kg)
Genuflex cone & JACK screw	215 lbs (98 kg)
Genuflex Long Arm	240 lbs (109 kg)
Genuflex Standard Arm	175 lbs (79.5kg)
Genuflex Short Arm	150 lbs (68 kg)
RotoFlex Pan & Tilt Head	115 lbs (52kg)
RotoFlex Pan, Roll Head	70 lbs (32kg)

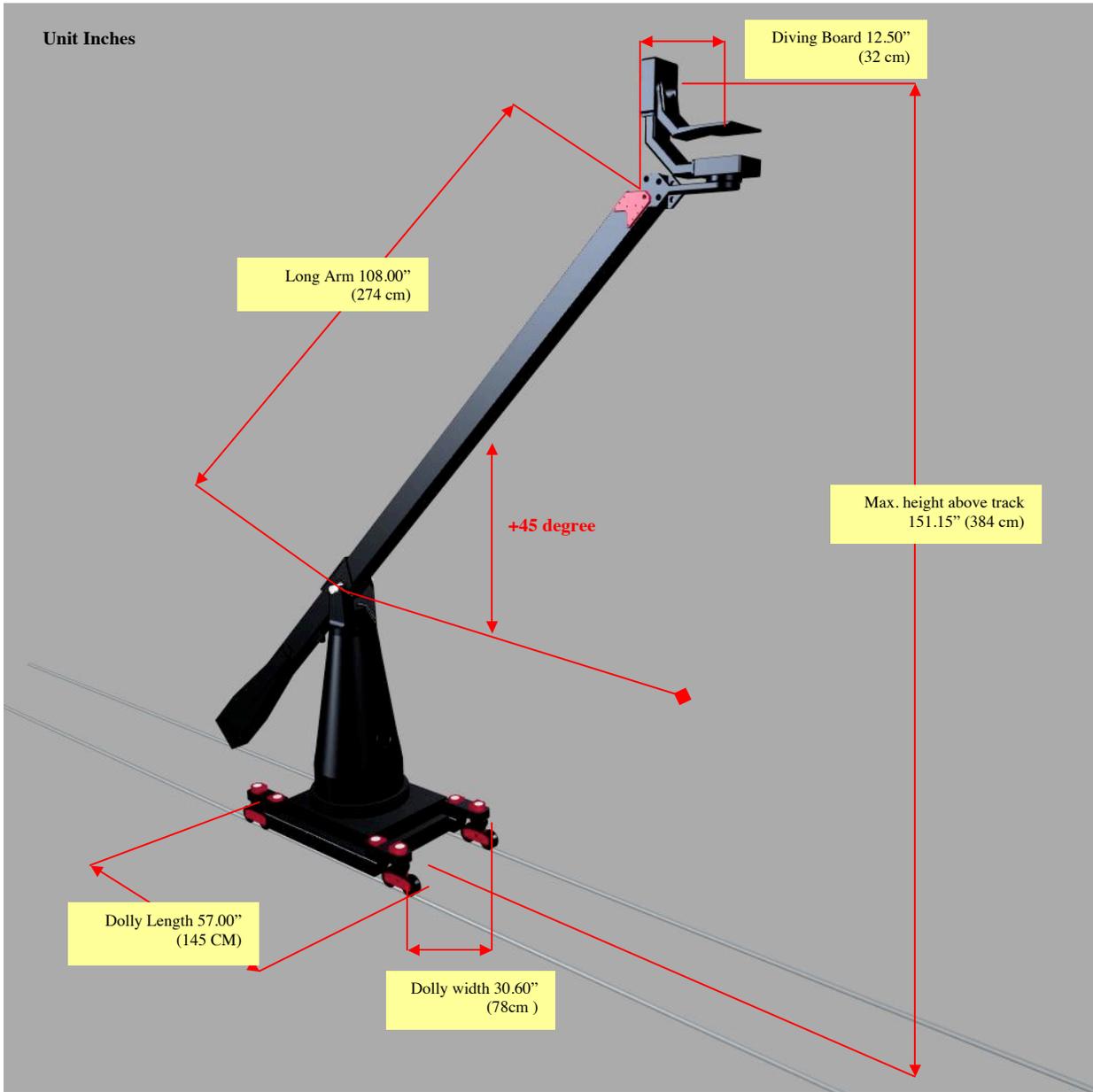


Genuflex Mk III

Long arm 120.5"

Camera Overslung: Max Height 151.15"



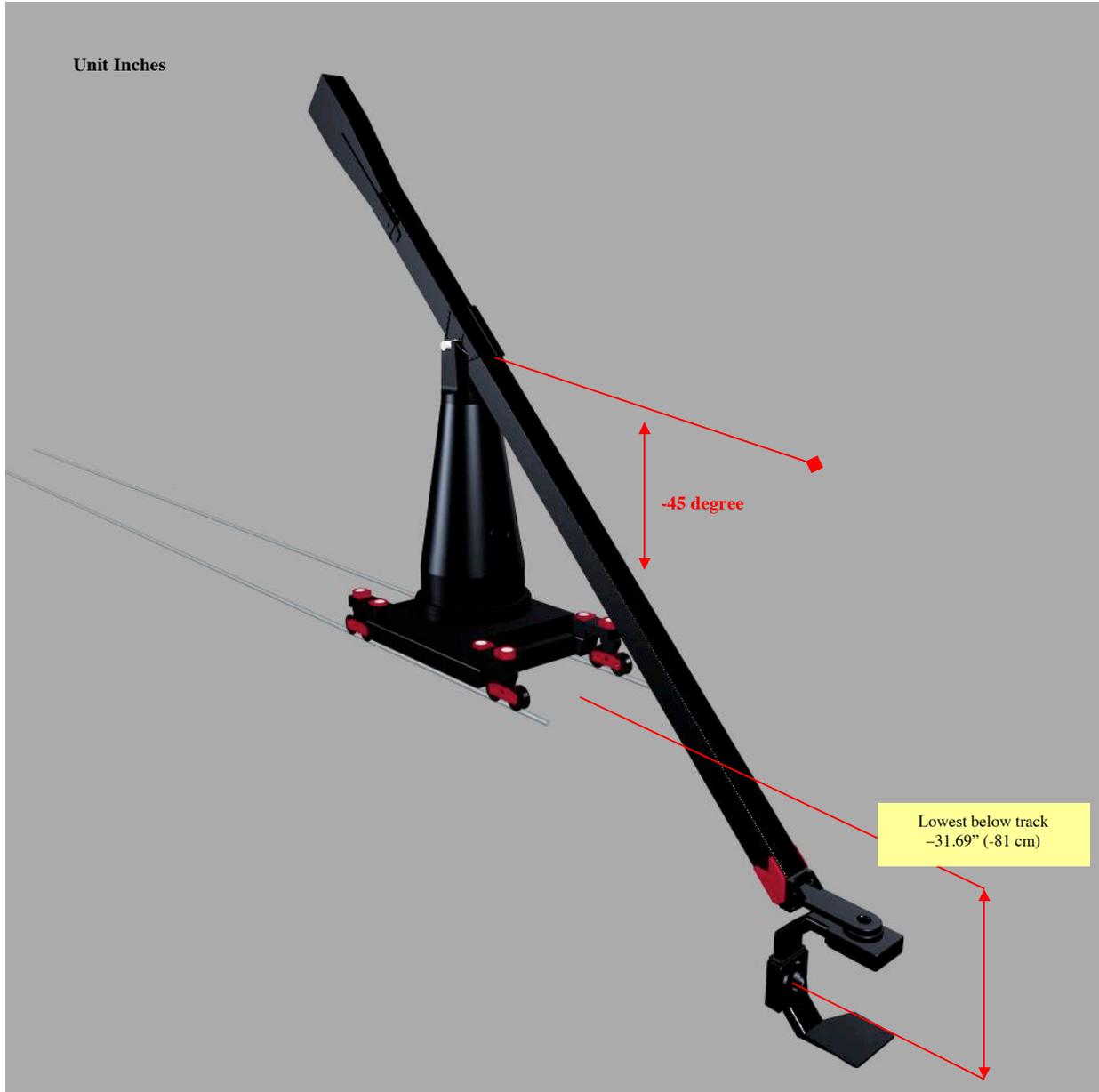




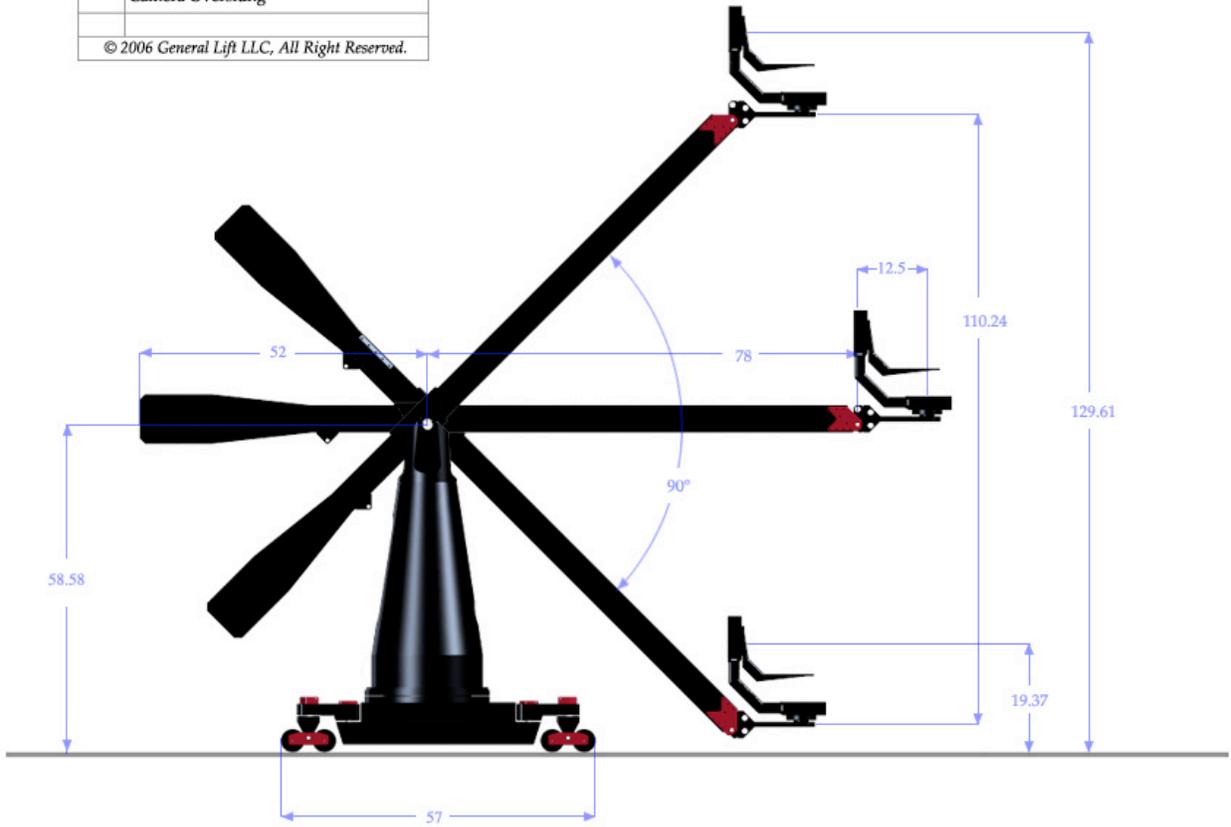
Genuflex Mk III

Long arm 120.5"

Camera Underslung: Min Height -31.60"



GenuFlex Mk III	
Standard Arm - 90.5"	
Camera Overlung	
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Genuflex Mk III

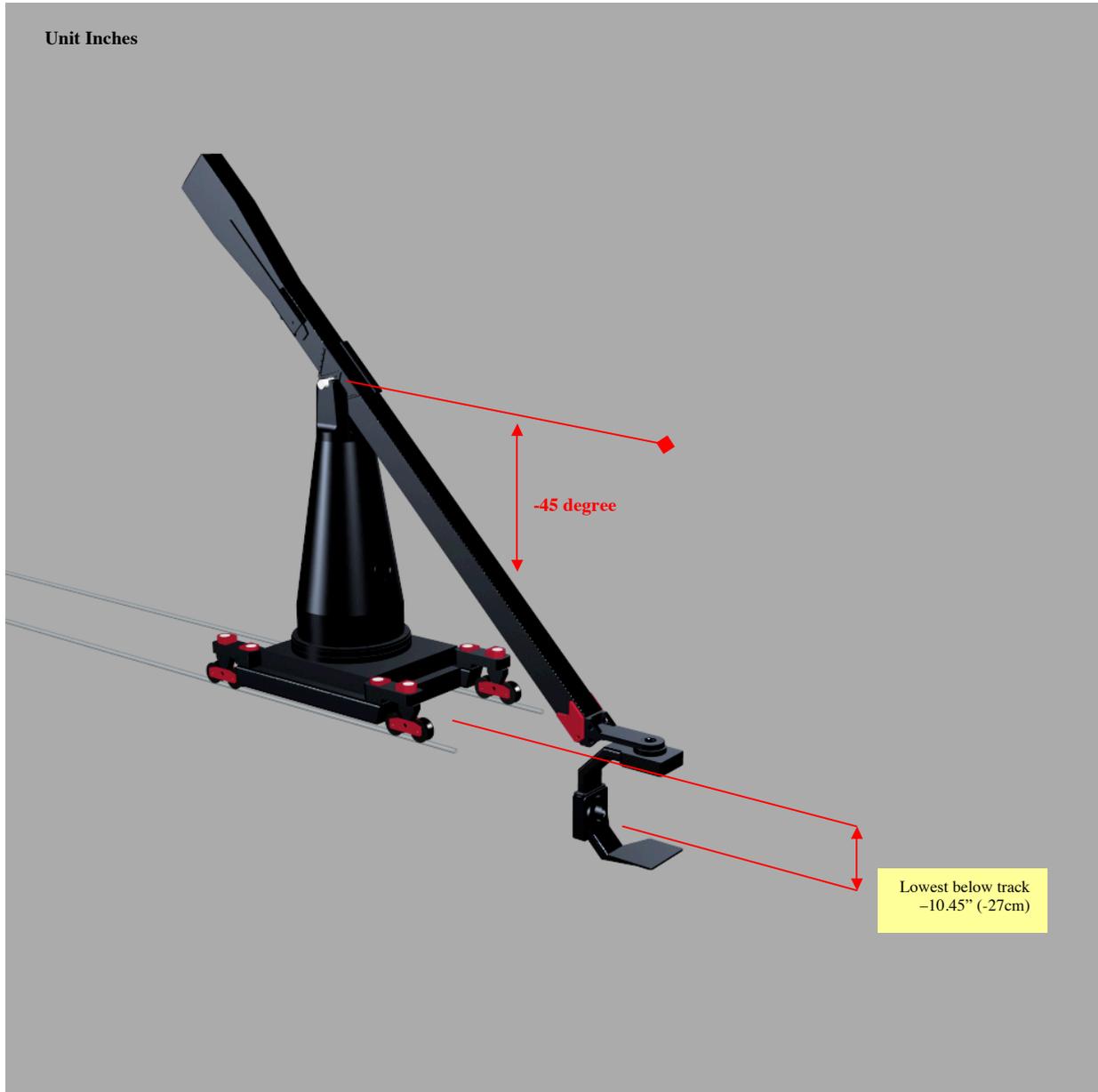
Standard arm 90.5"

Camera Underslung: Max Height 129.61"

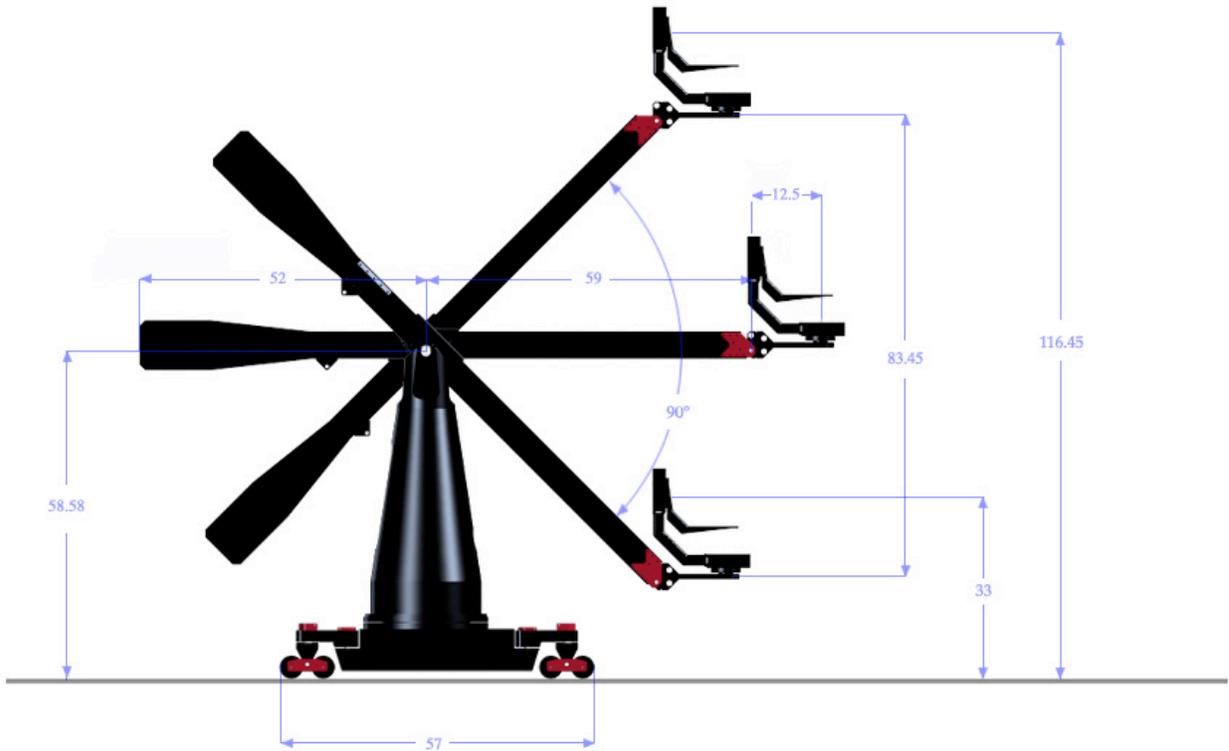




Genuflex Mk III
Standard arm 90.5"
Camera Underslung – Min. Height -10.45"



GenuFlex Mk III	
Short Arm - 71.5"	Camera Overlung
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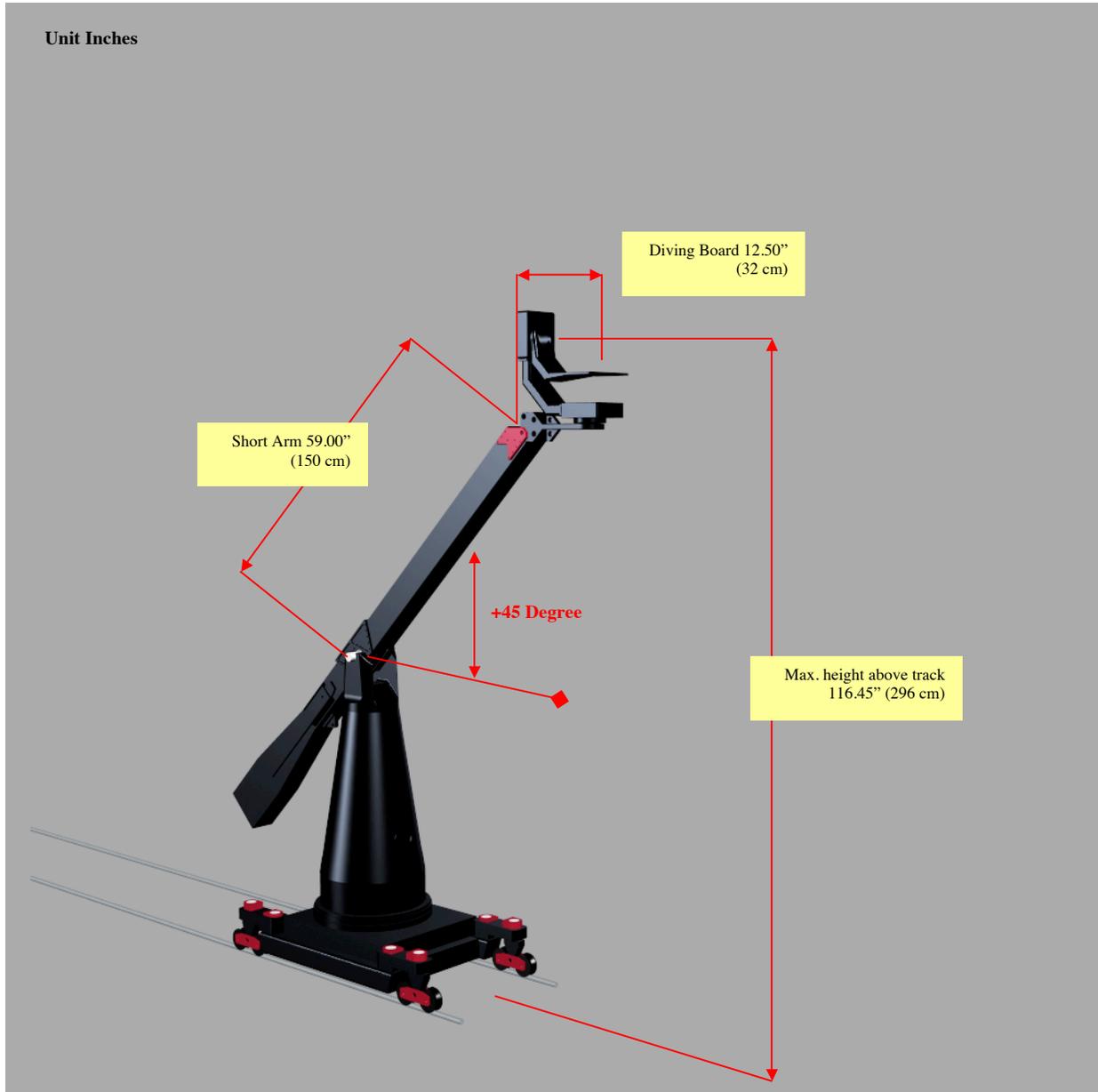




Genuflex Mk III

Short arm 71.5"

Camera Overslung: Max. Height 116.45"

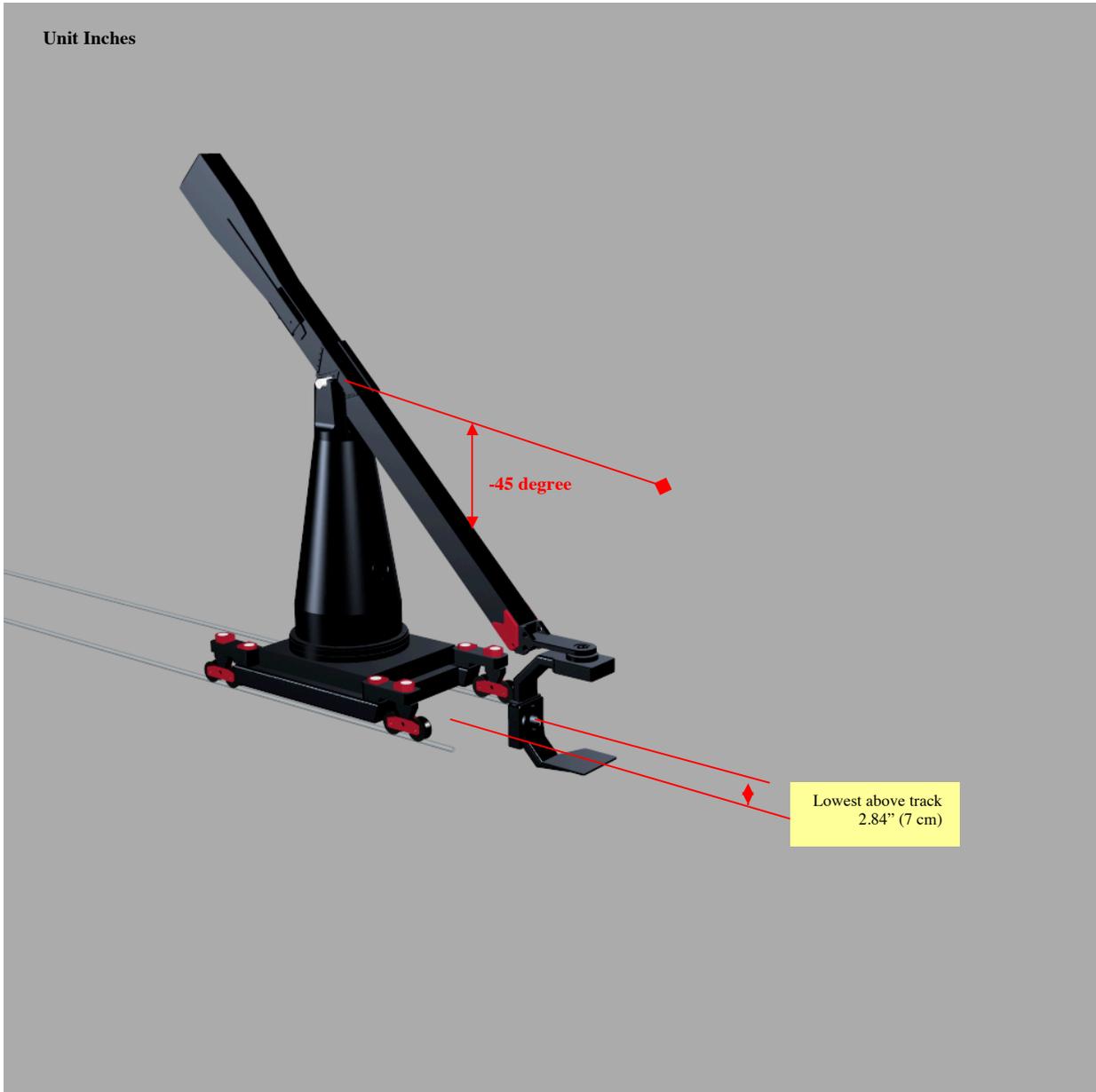


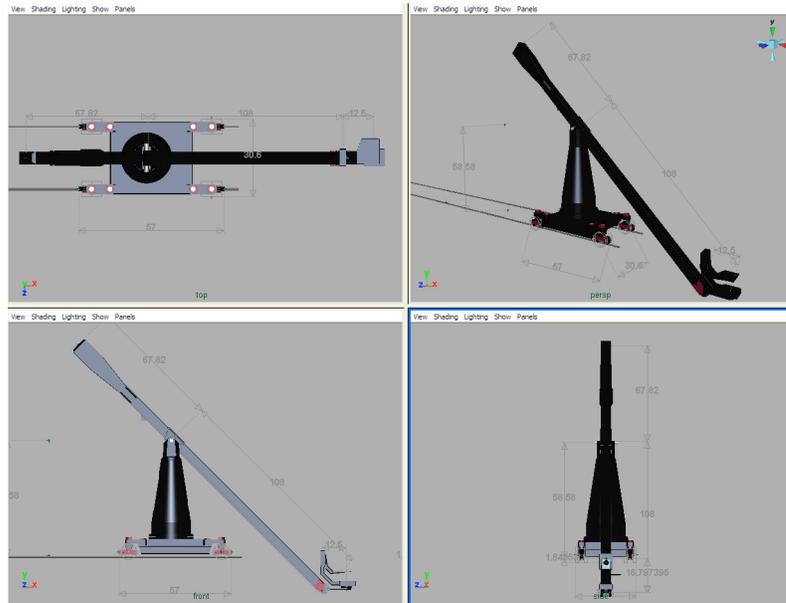


Genuflex Mk III

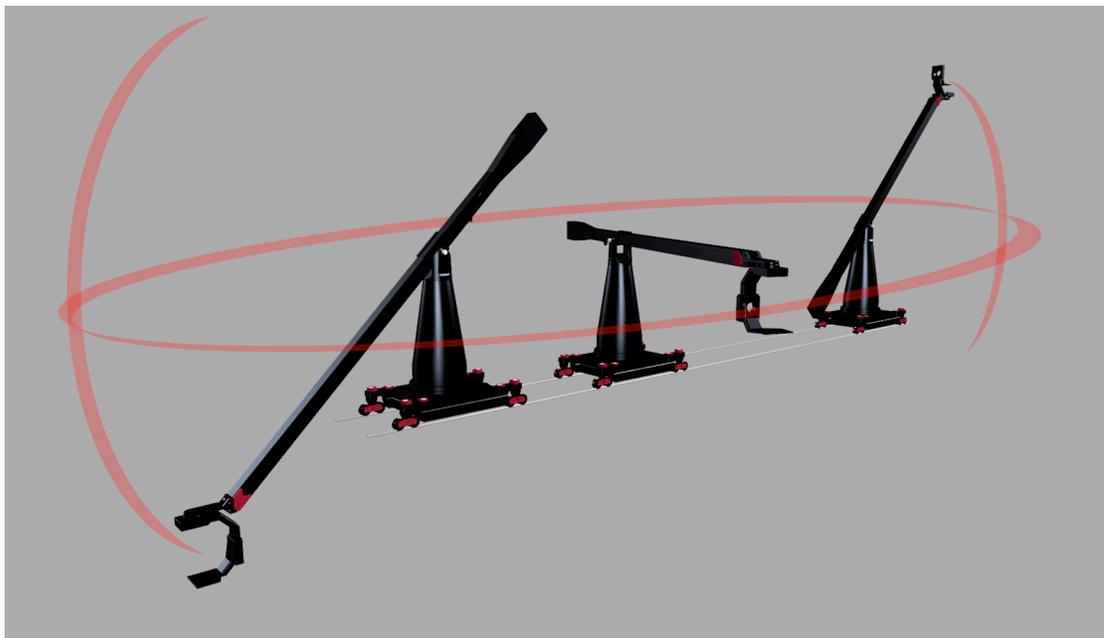
Short arm 71.5"

Camera Underslung: Min Height 2.84"





Genuflex Mk III Long Arm 4 Panel View in Maya



Genuflex Mk III Long Arm, Range of motion