

# Miller DuraHoist™ Two-Piece Adjustable Upper Mast

## Model: DH-23 (30-in. – 48-in. Offset)

### Description

The Miller DuraHoist Two-Piece Adjustable Mast system comprised of the DH-23 and DH-22 Series (Lower Mast Extensions), are designed to provide additional solutions when extra operating reach is required. The Two-Piece Mast system allows use of components in various configurations and applications. Multiple winches and/or self retracting lifeline systems may be mounted as required. Tool-less design breaks the system into lightweight, manageable components for storage, transport, and setup.

### Materials

<b>General Construction:</b>	Welded Aluminum
<b>Weld Certification:</b>	AWS
<b>Hardware:</b>	Gr.5, Zinc Plated
<b>Material Structure:</b>	6061-T6, 5052-H32, 7075-T6 Aluminum, Black Acetal, White UHMW Polyethylene
<b>Block Anchor:</b>	304 Stainless Steel
<b>Finish:</b>	Safety Yellow Powder Coat

### Technical

**Rated Capacity:** 450 lbs (204kg)  
Working load limit @ minimum 4:1 Design Factor

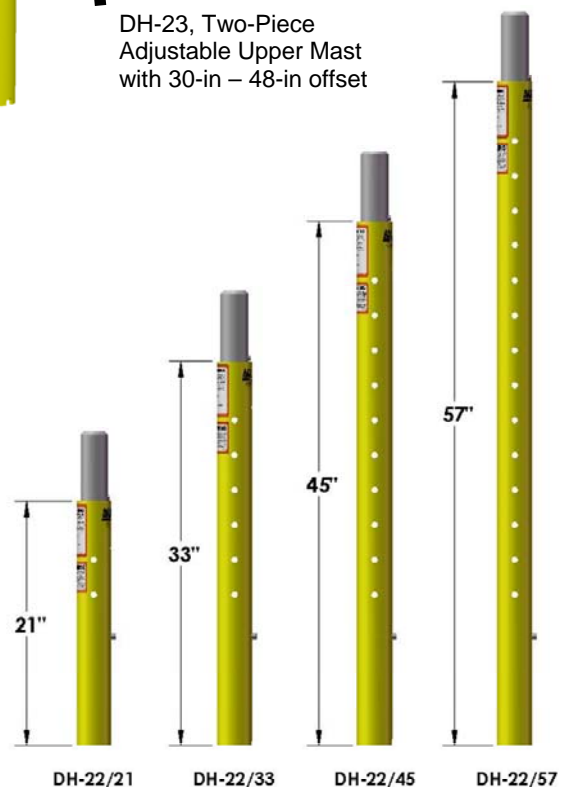
#### Proof Load Ratings

##### Anchor Points

##### A) Standard

Pin Position 1,2,3 and 4 1,800lb (8kN)

**Weight** 29 lbs (13.2 kg)



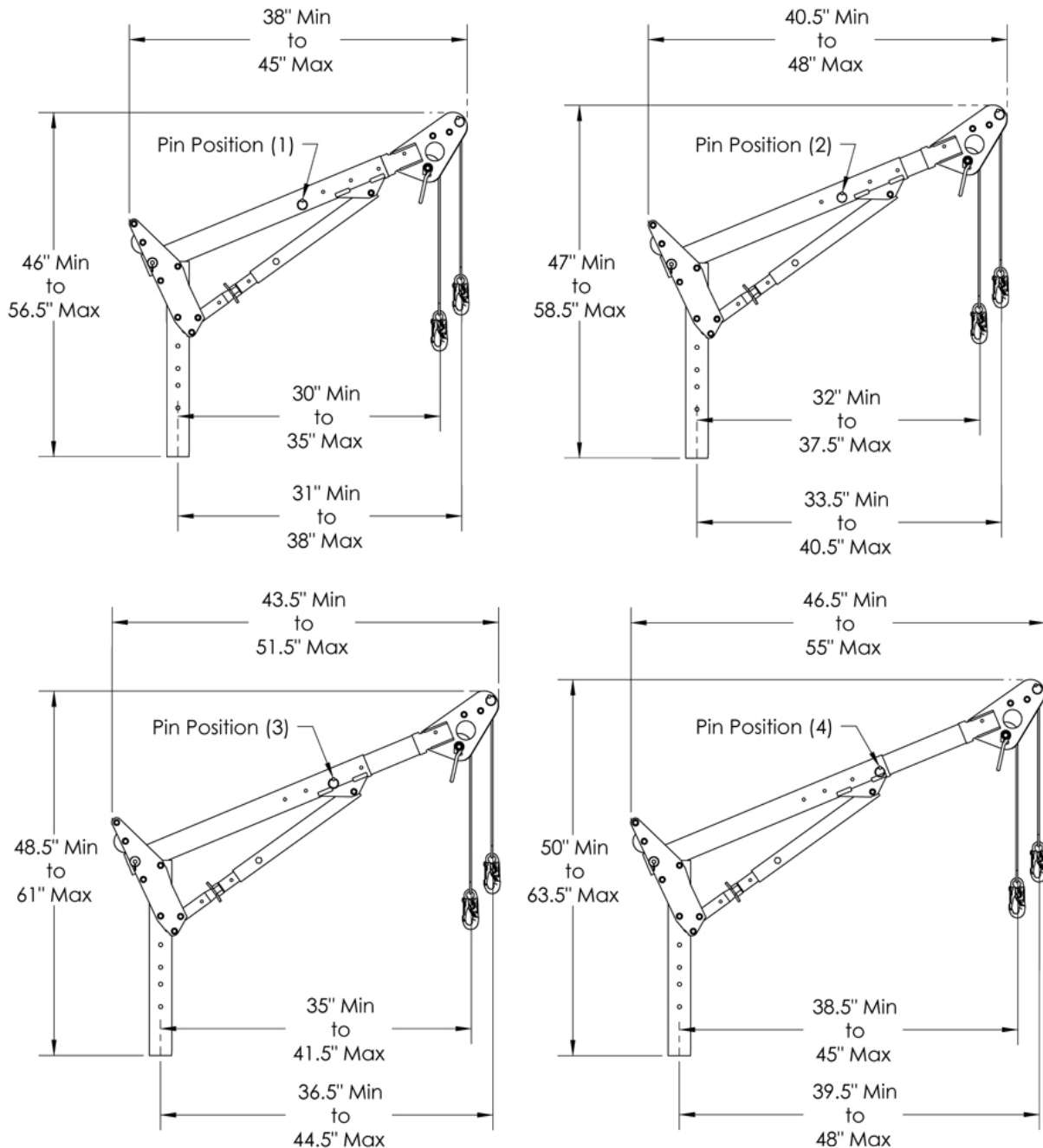
Above: DH-22 Series, Lower Mast Extensions

### Application Restrictions

- All winch and block mounting parts and hardware must be supplied or approved by Miller.
- Retractable devices or shock absorbers must be installed and used in accordance with the manufacturer's instructions.
- This mast must be used with bases or sleeves approved for use with the applicable mast offset. (not for use with the Manhole Collar, DH-11; Vehicle Hitch Mount Sleeve, DH-12; or Three-Piece Base, DH-4)
- Where required by regulation, each installation must be approved to applicable standards by a qualified engineer.
- All equipment must be set up and operated under the supervision of a competent person according to the manufacturer's instructions.
- Maximum of **two** Lower Mast Extensions (DH-22 Series) can be combined not exceeding 78-in. when used with Two-Piece Adjustable Upper Mast (DH-23). Overall height of complete system not to exceed 146-in.
- Winches and blocks **MUST NOT** be mounted in the front position on lower mast extensions (DH-22 Series). Rear mounting is allowed at any point providing there is handle clearance for safe operation of the winch or block.

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by Honeywell

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