

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

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

Technical

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

Proof Load Ratings

Anchor Points

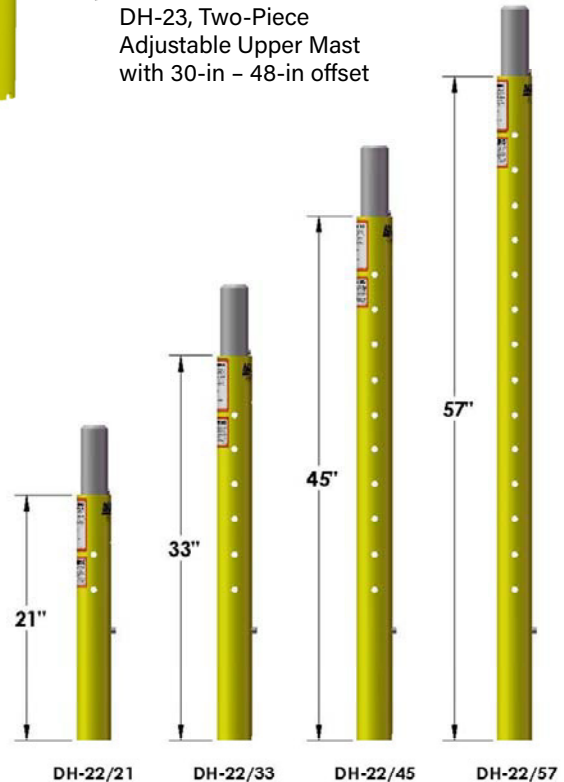
A) Standard

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

Weight 29 lbs (13.2 kg)



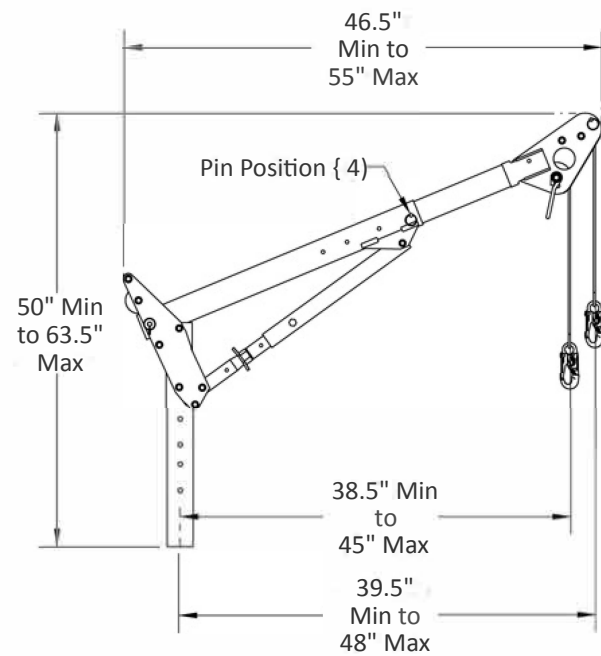
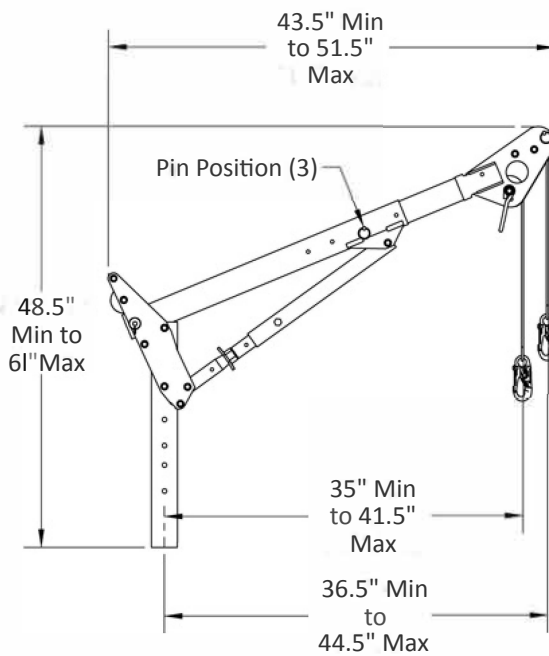
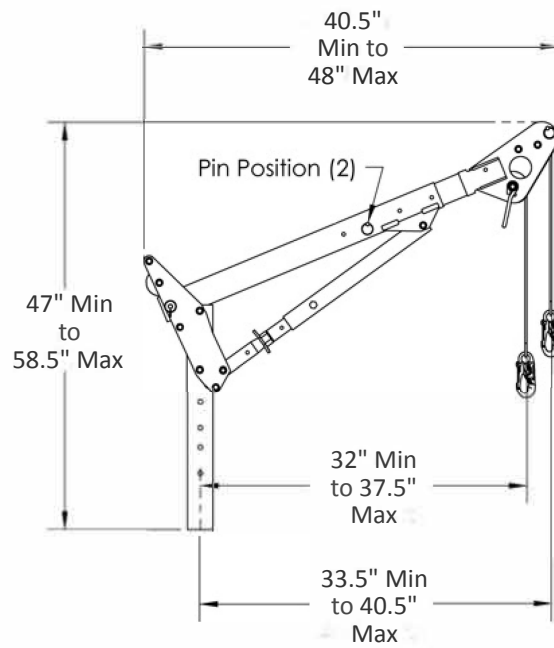
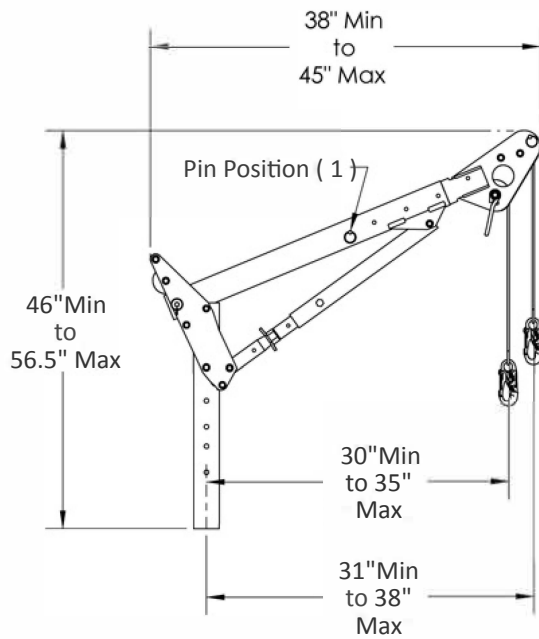
DH-23, Two-Piece Adjustable Upper Mast with 30-in – 48-in offset



Above: DH-22 Series, Lower Mast Extensions

Application Restrictions

1. All winch and block mounting parts and hardware must be supplied or approved by Miller.
2. Retractable devices or shock absorbers must be installed and used in accordance with the manufacturer's instructions.
3. 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)
4. Where required by regulation, each installation must be approved to applicable standards by a qualified engineer.
5. All equipment must be set up and operated under the supervision of a competent person according to the manufacturer's instructions.
6. 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.
7. 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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