

Lower Mast Extensions

Model: DH-22/21, DH-22/33, DH-22/45, DH-22/57

Description

The DH-22 Lower mast extensions are designed to provide additional solutions to height-restrictive applications than the DH-3 one-piece mast alone. 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:	Aluminum/Steel
Hardware:	Gr.5, Zinc Plated
Material Structure:	6061-T6, 5052-H32, 7075-T6 Aluminum, Carbon Steel
Finish:	Safety Yellow Powder Coat

Technical

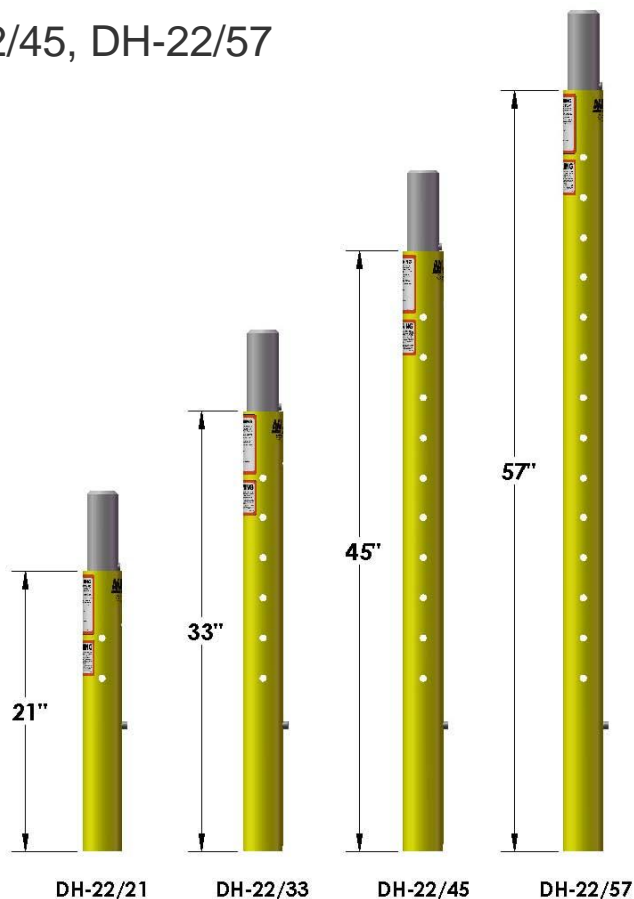
Rated Capacity: 450lbs (204kg)
Working load limit @ minimum 4:1 Design Factor

Proof Load Ratings

Mast Moment
Proof Load: 90,000 in-lbs (10,200 N.m)

Weight:
DH-22/21" - 14lbs (6.4kg)
DH-22/33" - 17lbs (7.7kg)
DH-22/45" - 20lbs (9.1kg)
DH-22/57" - 23lbs (10.4kg)

Note: Mast Extensions are designed to withstand the proof load rating of all standard Miller DuraHoist masts.



Application Restrictions

1. The maximum number of DH-22 extensions is two (offset upper mast plus two mast extensions). In addition, the maximum length of the combined extensions cannot exceed 90". This means any combination of two extensions is allowed EXCEPT the DH-22/45 with a DH-22/57 or two DH-22/57 extensions.
2. All winch and block mounting parts and hardware must be supplied or approved by Miller.
3. Retractable devices or shock absorbers must be installed and used in accordance with the manufacturer's instructions.
4. Masts and Extensions must be used with bases or sleeves approved for use with the applicable mast offset.
5. Where required by regulation, each installation must be approved to applicable standards by a qualified engineer.
6. All equipment must be set up and operated under the supervision of a competent person according to the manufacturer's instructions.



by Honeywell

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