

FLOOR MOUNT DAVIT

KStrong Extreme Davit systems have been designed for confined space entry / retrieval applications. Its modular interchangeable design allows the system to be mounted on multiple bases for all applications.

FEATURES

- The Floor Mounted Davit breaks down into two components for easy storage, transport and set up. No tools are required for assembly. (MAST AFT756201 & Boom AFT756001)
- Floor Mount Bases are designed to be mounted to concrete or steel structure (AFT7500BF).
- Base Installation must be approved to local regulations by a qualified engineer.

How To Use

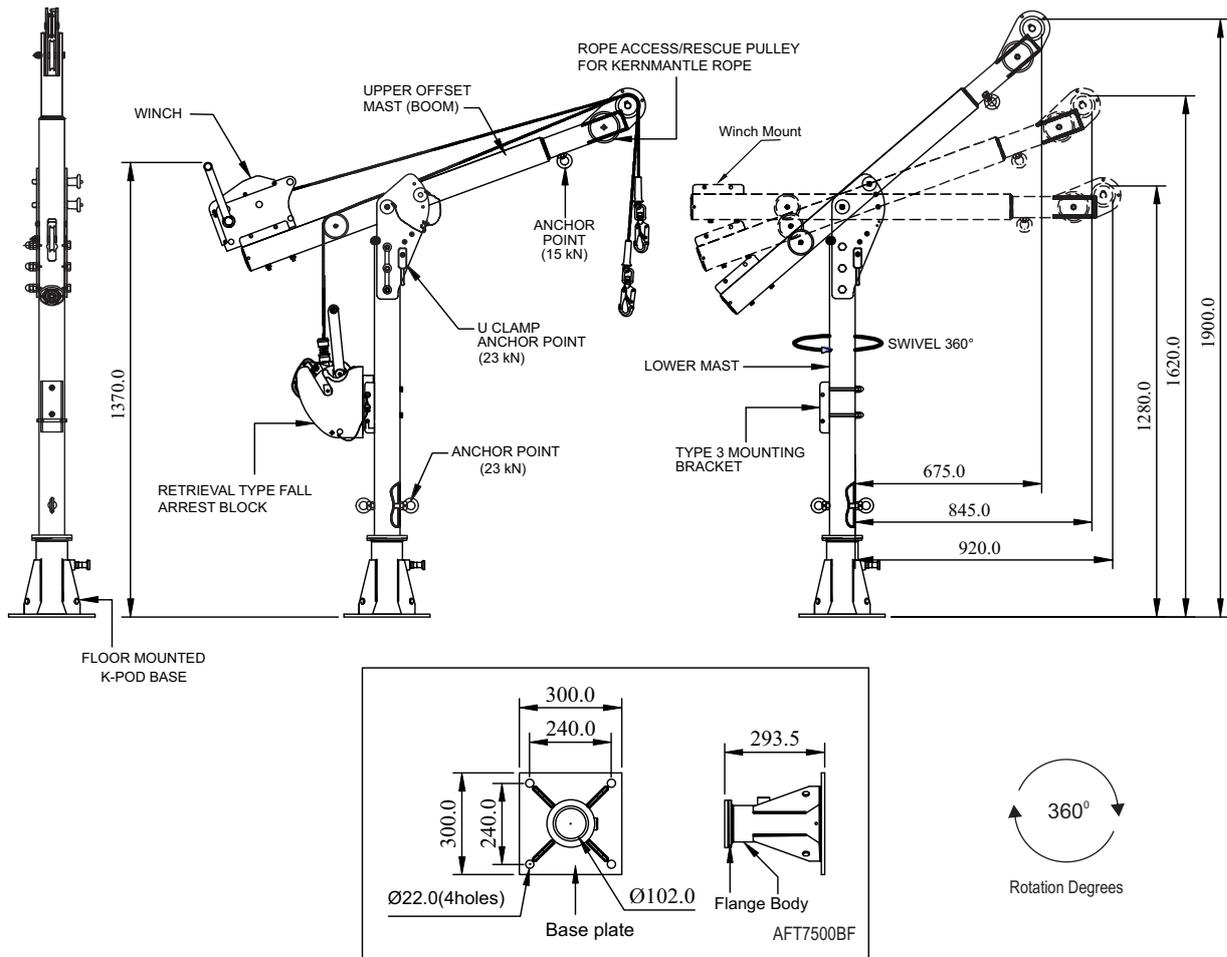
Refer to User Instruction Manual



Height Adjustment And Reach

Product Code	Picture	Bracket used for Mounting
Winch Bracket AFT710007UW		Winch AFT730020, AFT730040 AFT730042
Retrieval Bracket AFT710007UR		Retrieval Blocks AFS510020R/ AFS510020RSS AFS510030R/ AFS510030RSS

Product Code	Upper	Middle	Lower
Distance from column	0.675 m	0.845 m	0.920 m
Height of arm	1.900 m	1.620 m	1.280 m



TECHNICAL SNAPSHOT

Material	High Strength and Durable Aluminium Alloy
Maximum Load Capacity	500 kg (for Confined Space Rescue) 250 kg (for Material Lifting as per Machine Directive)
Finish	Powder Coated
System Strength	15kN
Certification	EN 795:2012 Type A & AS/NZS 5532:2013
Weight	Mast & Boom: 44.49 kgs ± 0.10kgs Floor mount Base: 9.38kgs ± 0.10kgs

DAVIT MAST

Features

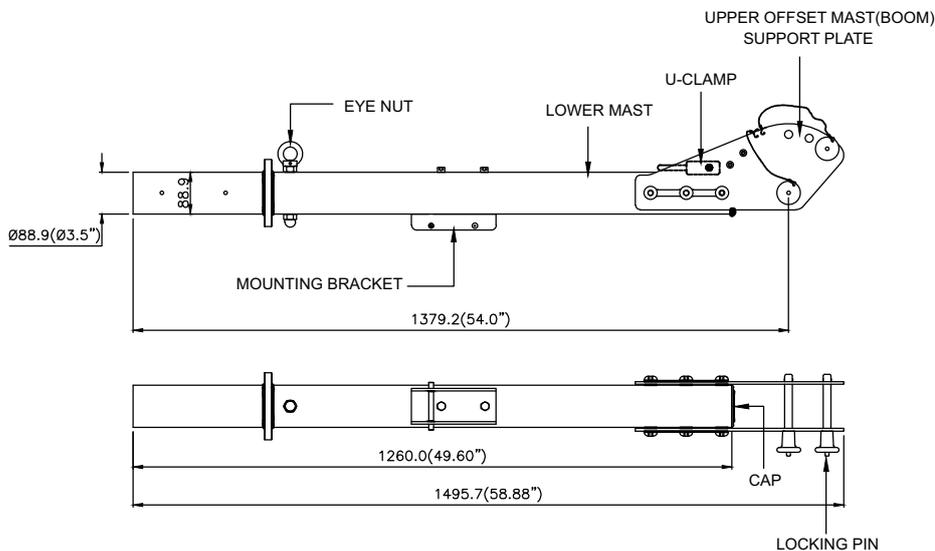
- Lower mast assembly is designed to be fixed on different davit system with H-Base davit, Wall/floor mounted, Hitch mounting davit/Concrete flush mounted davit.
- Comes with pre installed mounting bracket which is Compatible with Retrieval blocks by using universal mounting bracket.
- Upper offset mast (BOOM) support plate is designed to attach the Upper offset mast with the help of locking pins & can be adjusted at 3 defined positions.
- Additional eye nut is provide to use as an anchorage point in case of rescue.
- Cap is provided on top of assembly to prevent from ingress of water and dust particle.

Components

Lower mast	:	Aluminium alloy, Powder Coated Black
Eye nut	:	Stainless steel, electropolished / E Coated
Mounting bracket	:	Alloy steel, ED coated black

Weight

18.089 kgs ± 0.20 kgs



DAVIT BOOM CANTILEVER ARM ASSEMBLY

Features

- Offset mast (BOOM) is designed to be fixed upon Lower mast assembly to make complete Davit system for confined space entry.
- Upper Offset Mast can be used with Lower mast of all models of davit system (i.e. H-Base mounting, Wall/floor mounted, Hitch mounting davit/Concrete flush mounted davits).
- Comes with pre-installed mounting bracket which is compatible to mount STRONG winches- AFT730020, AFT730040, AFT730042, AFT730042SS, AFT730120, AFT730135
- Comes with pulleys, which are used for smooth movement of rope / wire used for lowering / lifting or rescue.
- Additional eye nut is provide to use as an anchorage point in case of rescue.

Components

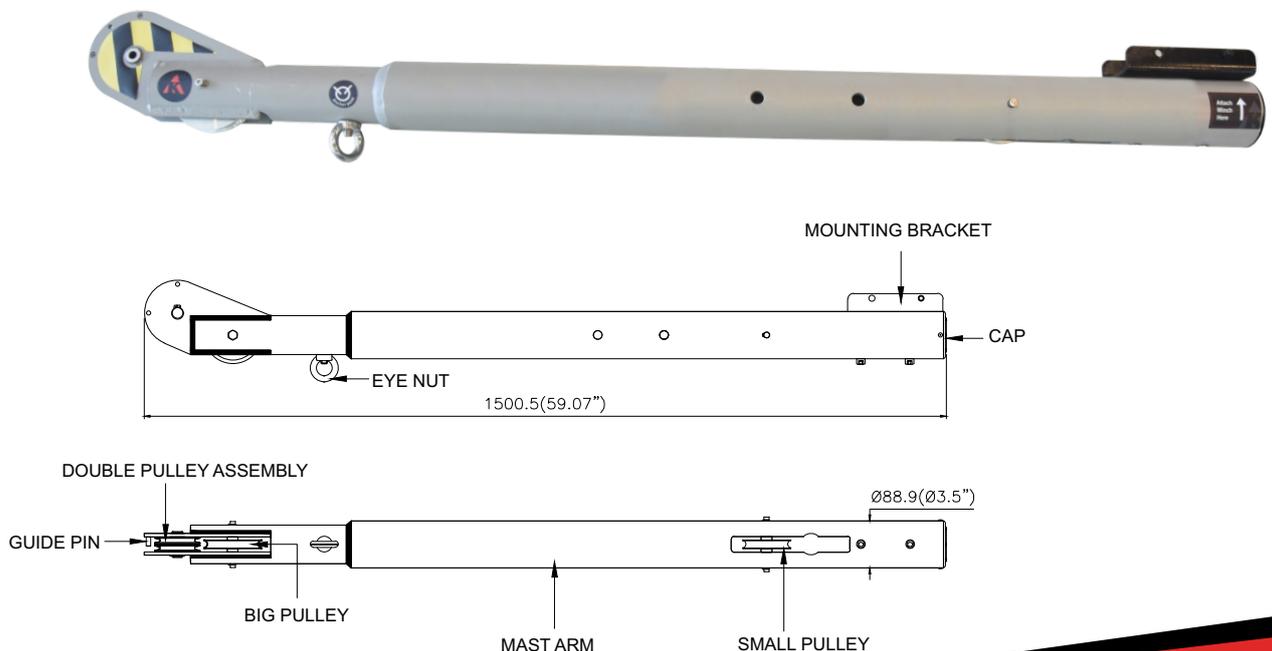
Mast arm & Big pulley	:	Aluminium alloy, ED coated grey
Small pulley & Eye nut	:	Stainless steel, electropolished / E Coated
Mounting bracket	:	Alloy steel, ED coated black

System Strength

15kN

Weight

12.47 kgs ± 0.20 kgs



EXTREME STAINLESS STEEL FLOOR MOUNT DAVIT BASE

Features

- Attaches to horizontal concrete or steel structures.
- Highly Corrosion resistant.
- Locking Pin to secure the mast.
- High strength Stainless Steel construction.
- Allows for 360-degree davit mast rotation.
- Inner sleeve liner to reduce friction and wear between the davit and base.
- Used with AFT751031 Davit System.
- Refer to Fastener Manufacturer to ensure the correct fasteners are used.
- If the Base material does not meet the minimum requires to install, then reinforcement is required. Refer to a qualified engineer.
- Fixing (refer to Hilti Fastener Guide)
 - Concrete - M16 Chemical Fasteners
 - Steel - M16 Fasteners



Material

Housing (Base)	:	316 Stainless Steel
Inner Sleeve	:	Metalon
Finish	:	Electropolished

Weight

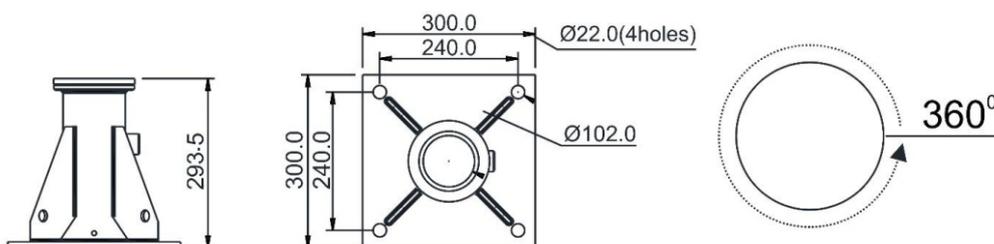
9.38kgs ± 0.050kgs

Working Load Limit

500kg

Relevant Standards

When used in conjunction with a Davit: EN795:2012 Type A



Features