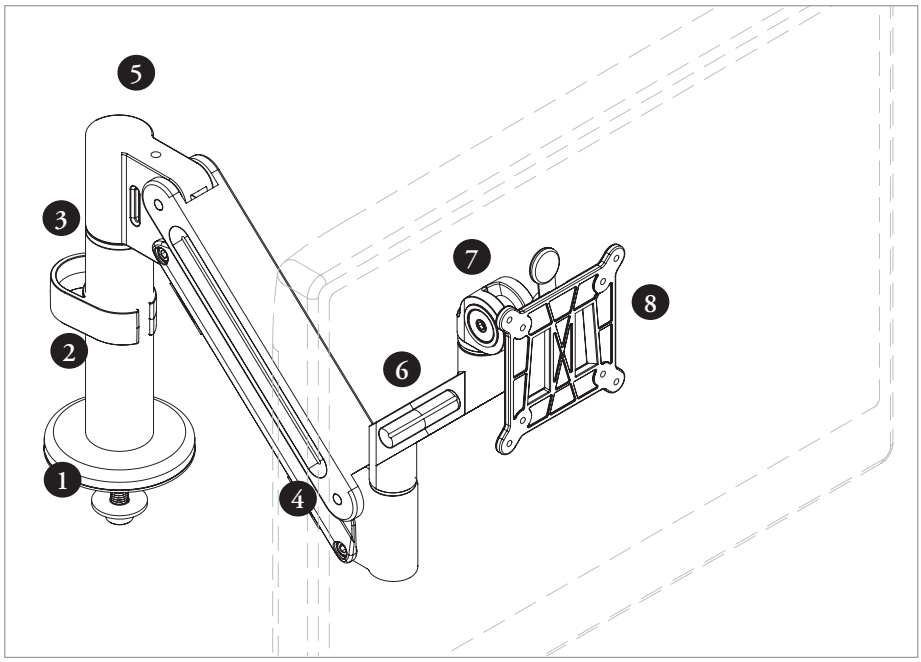
MAST overview

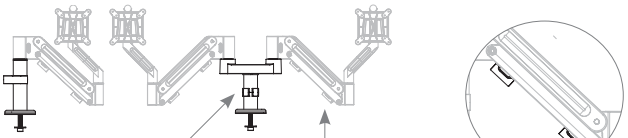
MAST displays an aesthetic and a function defined by exactitude. Designed to exceed ergonomic accommodation standards, MAST offers a wide range of adaptability to promote healthy work postures and user comfort.

MAST dynamic arm / dynamic arm light



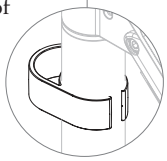
1 Mounting Option
Bolt Thru Mount (1) shown. See page 137 for additional mounting options.

2 Post
An upright post that connects mounting option with the hub. The post is available in Single (1) and Dual (2) configurations. Configuration is determined by selection of Single or Dual arm.



Single (1) **Dual (2)**

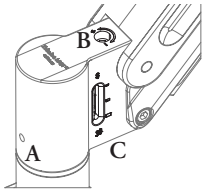
3 Wire Management Wire Clip
- The friction fit wire clip can be placed anywhere on the post. Wires are passed through the center of the clip and positioned in the outer holding area ensuring wires do not accidentally become unmanaged



Integrated Wire Management
- The load balancing linkage has two external wire clips and the angled linkage has one integrated wire clip for superior wire management from monitor to worksurface

4 Load Balancing Linkage
Provides the unique ability to balance loads between 4 to 18 pounds with the Dynamic Arm Light (YMSTX) and 8 to 30 pounds with Dynamic Arm (YMSTD). A special friction mechanism ensures that only a small amount of force is required to adjust the arm up and down through the entire range of motion. A consistent user experience is guaranteed as the monitor load is balanced equally at any position.

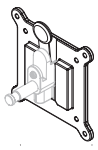
5 Hub
A. Positioning Feature
Fixes the hub in a set position relative to the post.
B. Adjustment Screw
Adjusts the amount of counterbalance force in the load balancing linkage. Using an allen key, rotating counter clockwise (+) adds force for heavier monitors, rotating clockwise (-) subtracts force for lighter monitors.
C. Indicator Window
Visible on both sides of the hub, the indicator window provides directional feedback to the user when balancing the arm referencing small medium and large images of a monitor. The indicator establishes a benchmark position significantly reducing installation times.



6 Angled Linkage
Only available on the Dynamic Arm / Dynamic Arm Light, the geometry of the Angled Linkage as well as the height of the post assures that the user is able to move the monitor up and down through the full 12" range of motion.

7 Swivel/Tilt Head
Provides swivel and tilt adjustability for the monitor

8 Monitor Mount
Quick Release VESA Plate (YMSTV)
- VESA 75/100 hole pattern
- Standard with all MAST arms (also available as separate item)
- The smart tab (a signature Library Green color) allows intuitive release of the monitor from the arm

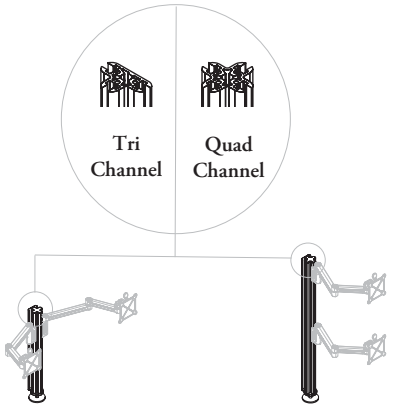


Quick Release Vesa Plate

planning with MAST (continued)

1 Mounting Option
Round Grommet (4) shown. See page 137 for additional mounting options.

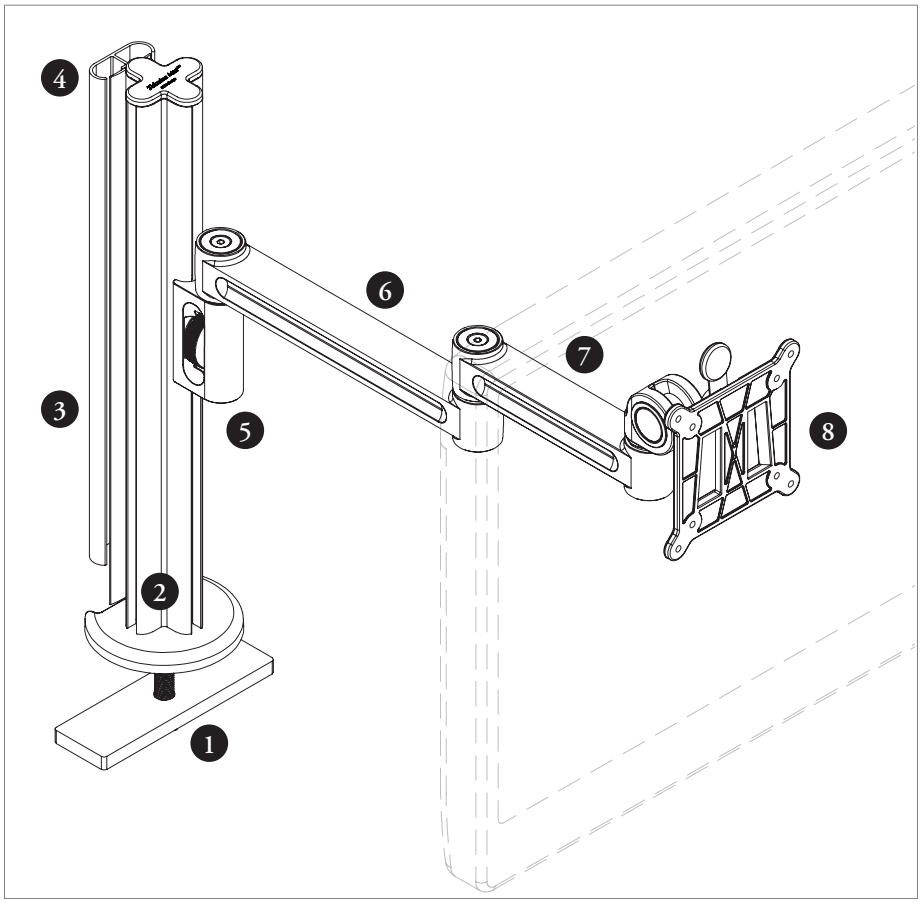
2 Stanchion
An upright post with channels; the structural backbone of MAST.
- Quad channel stanchions are standard for all configurations except Marketplace Back-2-Back (7) which uses two tri-channel stanchions
- Stanchion height (available in single and dual height) is determined by arm configuration selection
- The quad-channel has four and the tri-channel stanchion has three separate channels for attaching arms and wire management



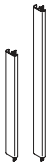
Single Height

Dual Height

MAST manual arm



3 Wire Management
Vertical Wire Column
- When Wire Management (Y) is selected a vertical wire column is included for all mounting configurations except the Marketplace Back-2-Back (7) option



- The height of the vertical wire column will match the height of the stanchion

Back-2-Back clip
- When Wire Management (Y) is selected three Back-2-Back clips are included for each single height tri-channel stanchion in the Marketplace Back-2-Back (7) mounting option. If dual height mounting configuration is selected the number of Back-2-Back clips provided doubles

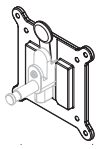
4 Top Cap
Removable, allows access to channels in stanchion for arm attachment

5 Primary Connector
Highlighted with ergonomic "knurled knob", creates a strong connection between the stanchion channel and a MAST arm

6 Arm Linkages
Short arm has one integrated wire manager while the long arm has two.

7 Swivel/Tilt Head
Provides swivel and tilt adjustability for the monitor

8 Monitor Mount
Quick Release VESA Plate (YMSTV)
- VESA 75/100 hole pattern
- Standard with all MAST arms (also available as separate item)
- The smart tab (a signature Library Green color) allows intuitive release of the monitor from the arm

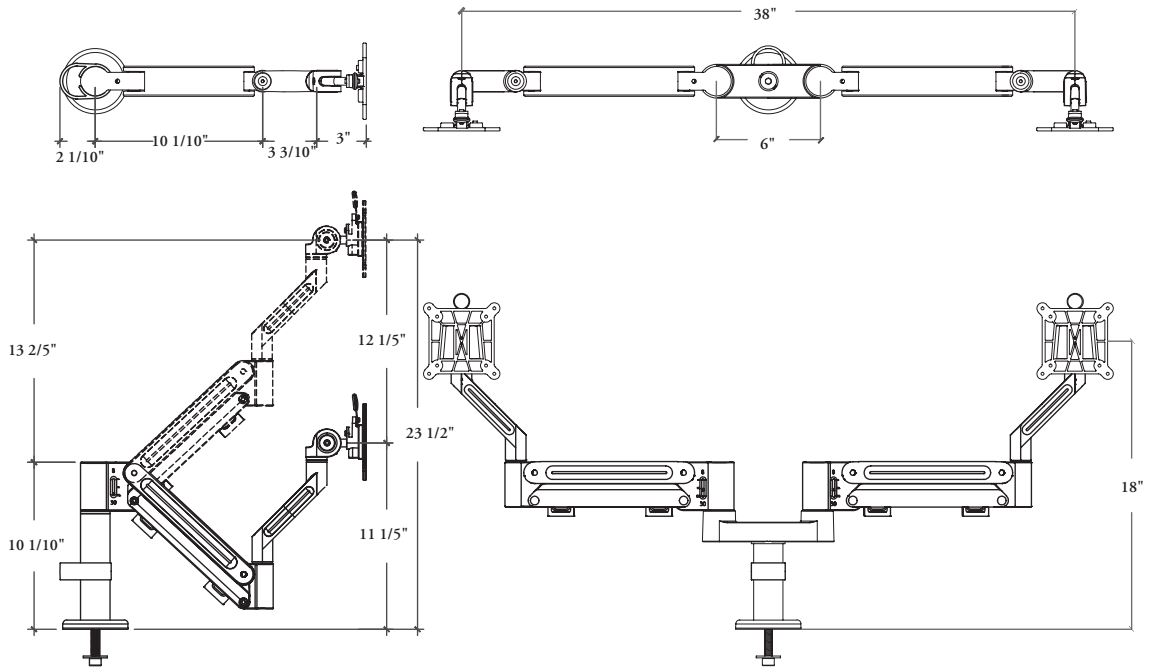


Quick Release Vesa Plate

planning with MAST

dynamic arm configuration

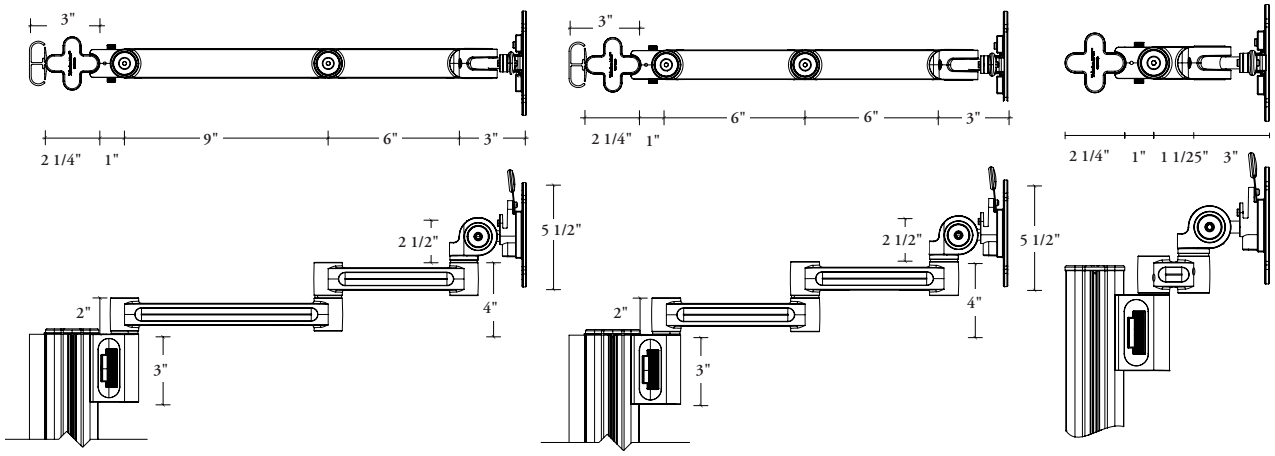
The following outlines the dimensions of the MAST Dynamic Arm (YMSTD) and Dynamic Arm Light (YMSTX) when fully extended in the maximum or minimum height position. Full arm extension is 18" to 20 1/2" and is dependent on position in the arc of up/down adjustment. Minimum product depth of 4".



planning with MAST (continued)

manual arm configuration

The following outlines the dimensions of the MAST Manual Arm when fully extended. Minimum product depth dependent on stanchion channel attachment selection.



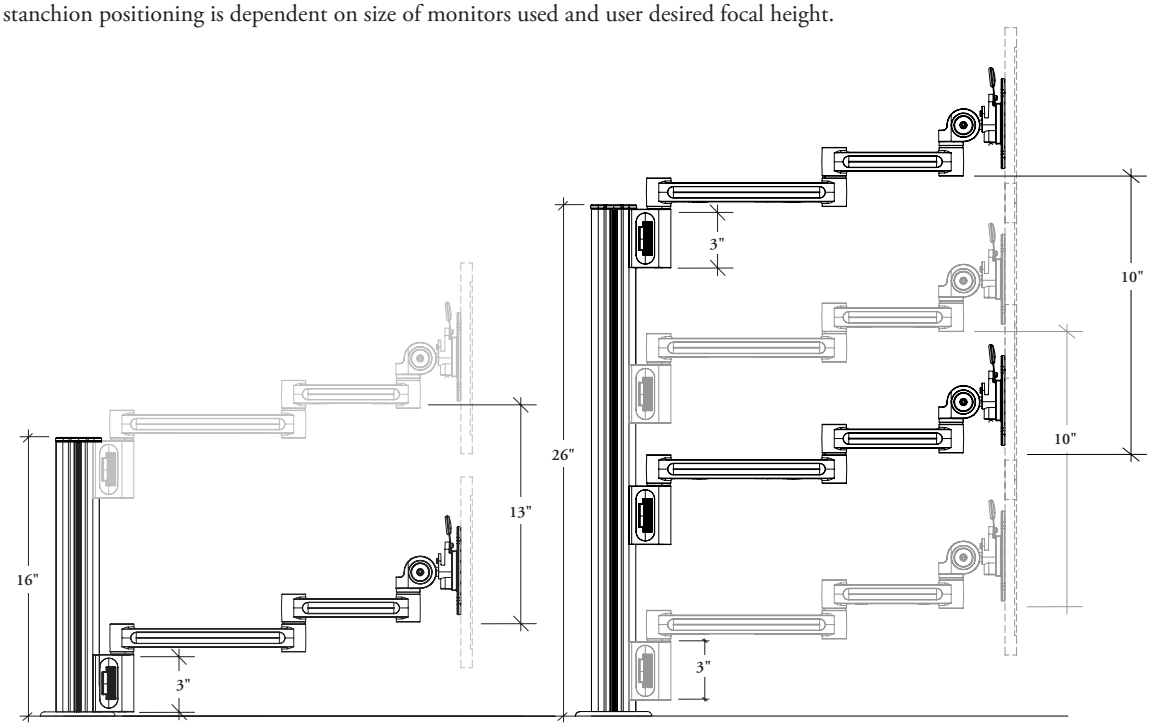
Standard Arm Configuration

Compact Arm Configuration

Available as center arm in MAST Triple (31) and as a separate customizable product (YMSTA).

Knuckle Configuration

The following outlines the dimensions of the MAST Manual Arm and MAST Stanchion (YMSTS) when mounted to a worksurface, monitor and stanchion positioning is dependent on size of monitors used and user desired focal height.



Single Height

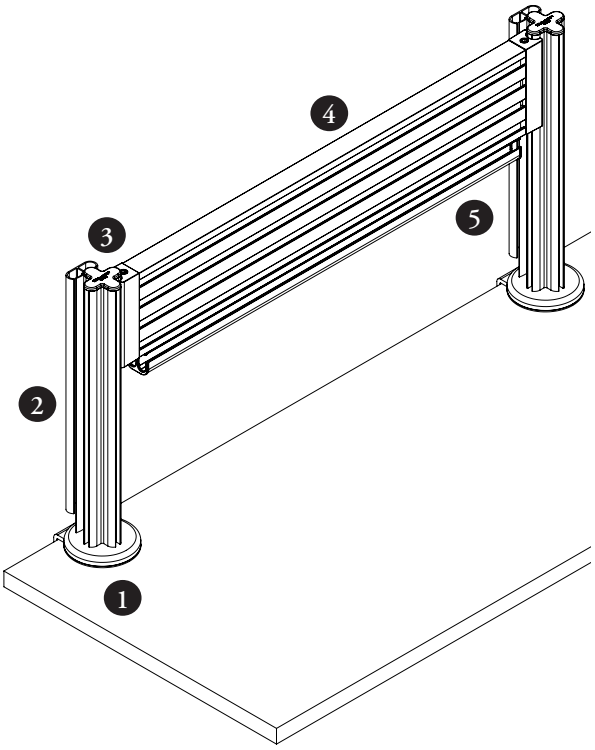
13" of total arm travel on stanchion.

Dual Height

20" of total arm travel on stanchion.

MAST beam overview

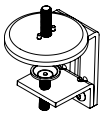
MAST workstation beam

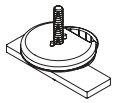


YMSTBW362Y2 shown.
36" width (36), Standard Edge Clamp (2), Vertical Wire Column - Quantity 2 (Y2)

1 Mounting Option


Bolt Thru Mount (1)


Standard Edge Clamp (2)


Round Grommet (4)

2 Stanchion
An upright post with channels; the structural backbone of MAST. Workstation Beam uses two single-height quad-channel stanchion to support the rail.

3 Wire Management
Vertical Wire Column
Uses identical single height Vertical Wire Column as Manual Arm. Options include: None, Quantity 1, and Quantity 2.
Horizontal Wire Trough
- When Wire Management (Y) is selected three Back-2-Back clips are included for each single height tri-channel stanchion in the Marketplace Back-2-Back (7) mounting option. If dual height mounting configuration is selected the number of Back-2-Back clips provided doubles
- Rail mounted horizontal wire trough is standard, width determined by beam width selection

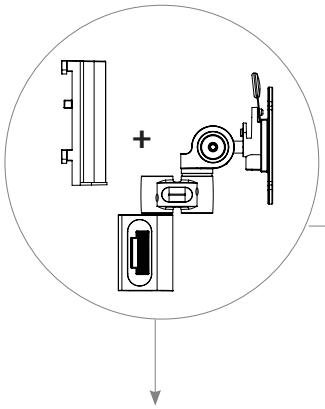
4 Rail
- Available in widths 36" to 72" in 6" increments
- Rail is dual sided

5 Height Adjust 10"

Customization with Beam

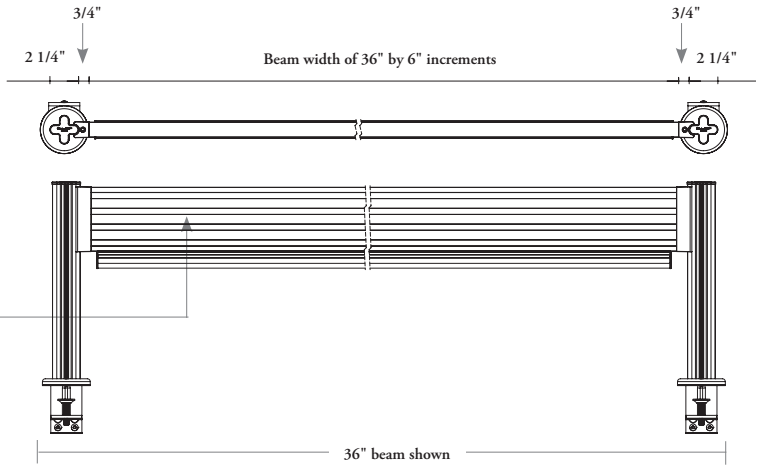
The MAST Arm (YMSTA) creates MAST configurations that attach to the MAST Beam and other hard mounted Teknion accessory elements.

All Beam attachment arms contain a primary connector and are able to be removed from the Beam Mount and reconfigure to a MAST Stanchion.



Beam attachment + Arm with Stanchion attachment = Beam Accessory Element solution

The following outlines the dimensions of the MAST Workstation Beam. Available in widths from 36" to 72" increments.

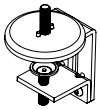


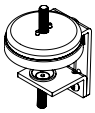
MAST configurations

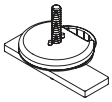
Mounting Options

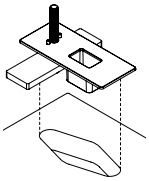
The mounting options for the Dynamic Arm (YMSTD) and Dynamic Arm Light (YMSTX) are restricted to options 1, 2, 3, 4, 5 and 8.

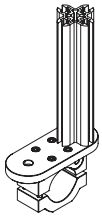

Bolt Thru Mount (1)

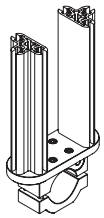

Standard Edge Clamp (2)

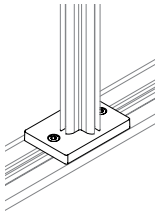

Marketplace Edge Clamp (3)


Round Grommet (4)


Expansion Grommet (5)


Marketplace Single (6)

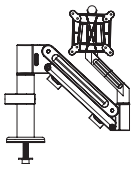

Marketplace Back-2-Back (7)

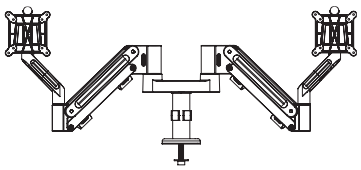

Interpret Accessory Beam Mount (8)

Arm Configurations

MAST can accommodate 1, 2, 3, 4, 6, or 8 monitors in the following combinations.

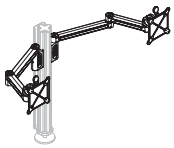
Dynamic

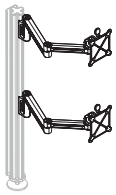

Single (1)

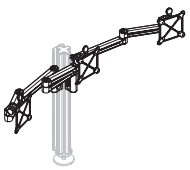

Double (2)

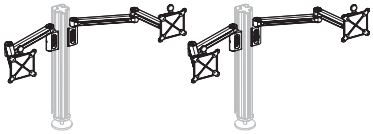
Manual

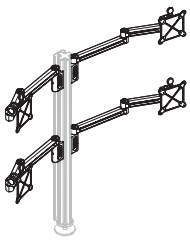

Single (11)

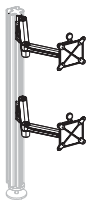

Dual - Single Height (21)

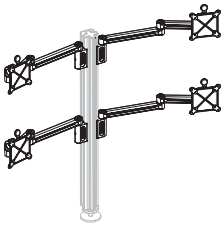

Dual - Dual Height (22)

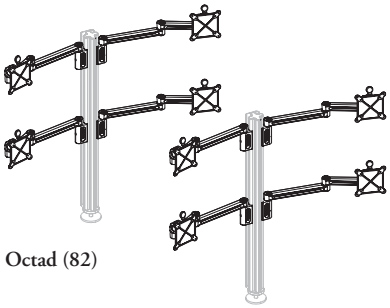

Triple (31)


Quad - Single Height (41)

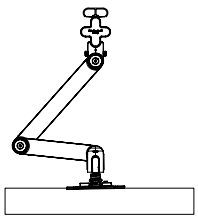

Quad - Dual Height (42)

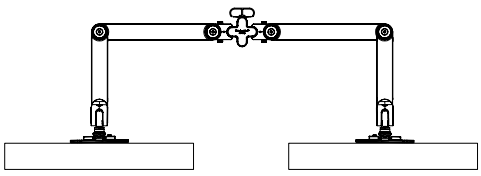

Hex (62)

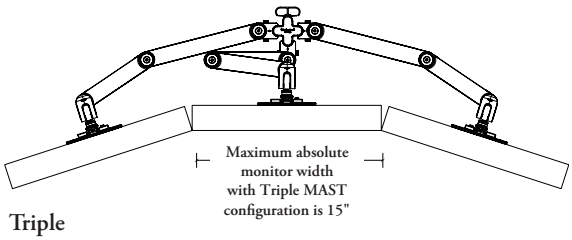



Octad (82)

Recommended Arm Attachment Location On Stanchion


Single


Dual



Triple

Assumes all 3 monitors are not overlapping. Center arm must be Compact or Knuckle when customizing your own solution.

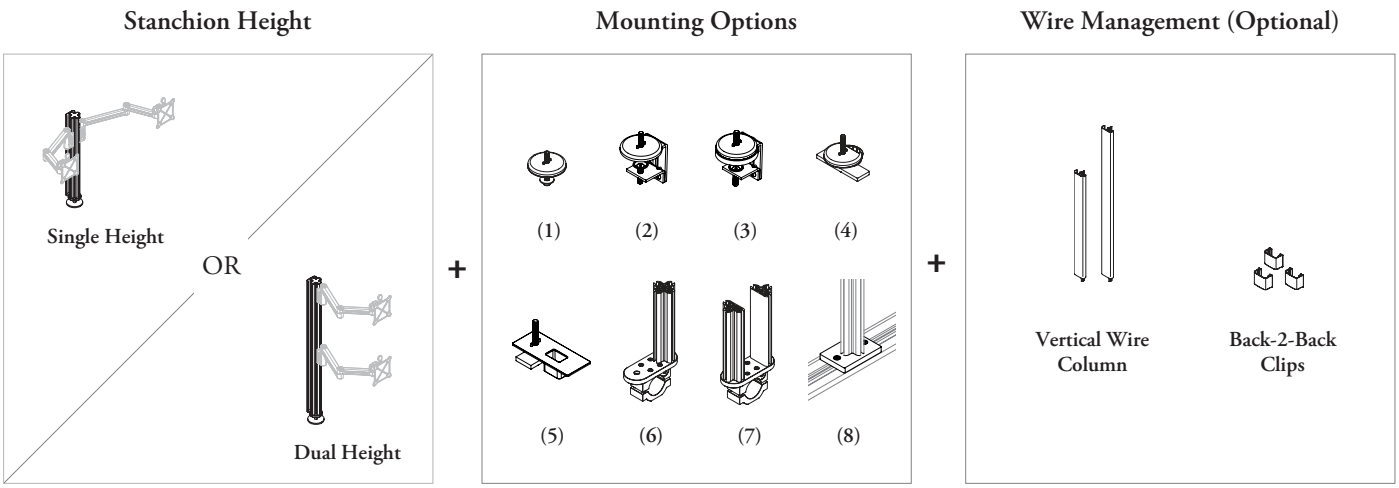
MAST customization

MAST is customizable. MAST lets you create specific configurations or reconfigure existing solutions as user needs and technologies change.

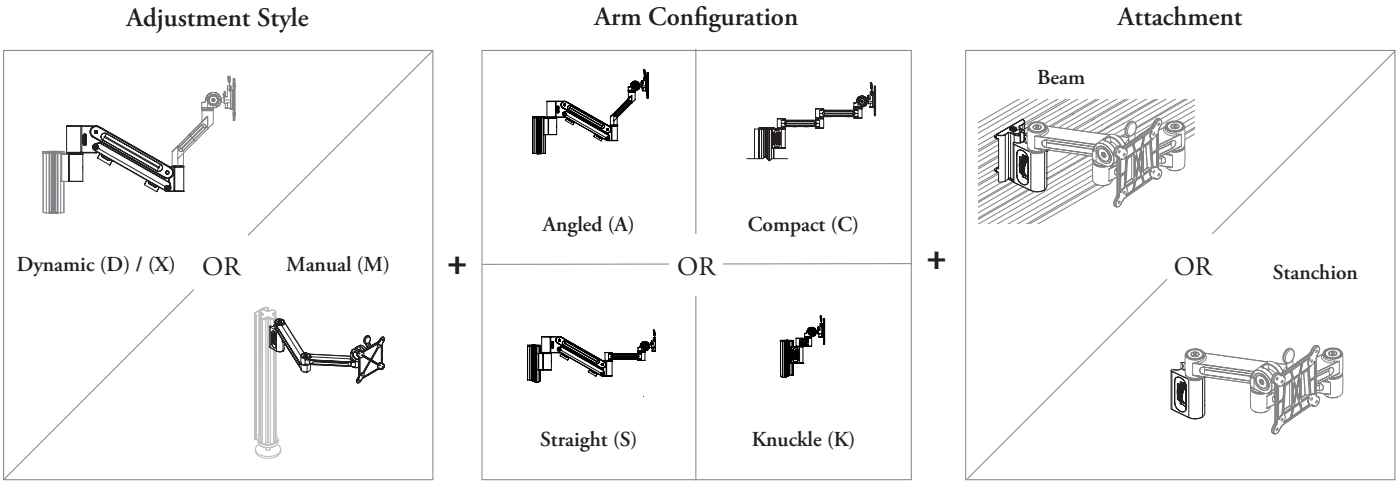
Customization with MAST

Combining MAST Arm (YMSTA) and MAST Stanchion (YMSTS) products create custom MAST solutions.

Part A: YMSTS



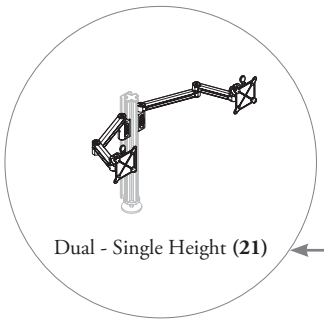
Part B: YMSTA



MAST customization (continued)

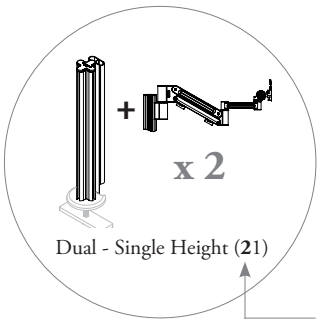
How to Customize MAST: A Step By Step Example

A Single Height Stanchion based solution with Dual Dynamic Arms - Straight Linkage, Grommet Mounted with Wire Management



Dual - Single Height **(21)**

Step 1
Note: The 2 digit configuration number is not part of code structure.



Dual - Single Height (**2**1)

Step 8
Quantity of 2

Part A

Y	M	S	T	S	S	4	Y
					Step 2	*Step 3*	*Step 4*

Part B

Y	M	S	T	A	D	S	S
					Step 5	*Step 6*	*Step 7*

Step 1. Determine desired product configuration and look up the two digit configuration number on page 137. The first digit represents the number of arms you will need to configure/order. The second digit represents the height of the stanchion.

Step 2. Refer to MAST Stanchion (YMSTS) on page 146. Select Single-Height (S) if the second digit of the configuration number is 1or Dual-Height (D) if the digit is a 2.

Step 3. Choose mounting option. Note if Marketplace Back-2-Back (7) is selected, twice the number of arms are required.

Step 4. Optional selection of Wire Management (Y/N).

Step 5. Refer to MAST Arm (YMSTA) on page 145. Choose desired adjustment style.

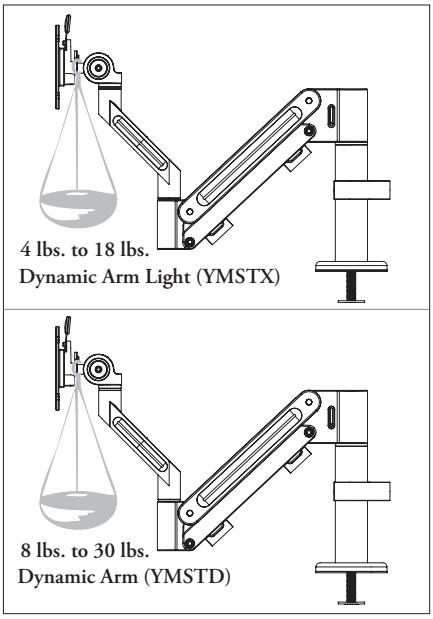
Step 6. Choose arm configuration. Restrictions apply based on selected adjustment style (in step 5).

Step 7. Select attachment. Select Stanchion (S) attachment for use on a MAST Stanchion (YMSTS). Select Beam/Accessory Element (B) for use on a MAST Beam or any hard mounted Teknion accessory element.

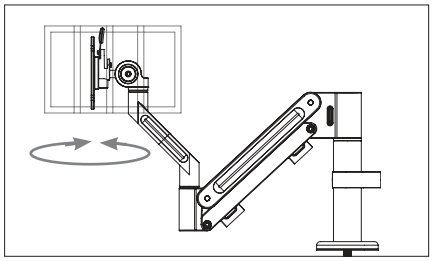
Step 8. Repeat steps 5 - 7 for each arm or order desired quantity of configured arm as required by the first digit of the configuration number.

MAST adjustment features

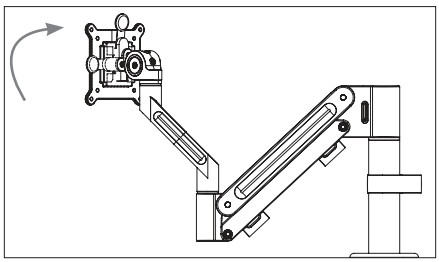
Dynamic Arm (D) / Dynamic Arm Light (X)
Offers 12" of height-adjustment.



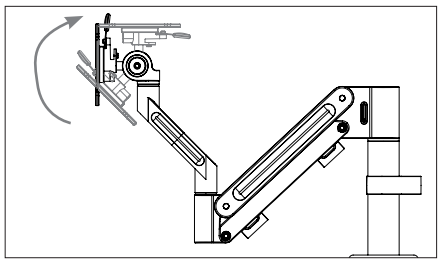
Supports monitor loads.



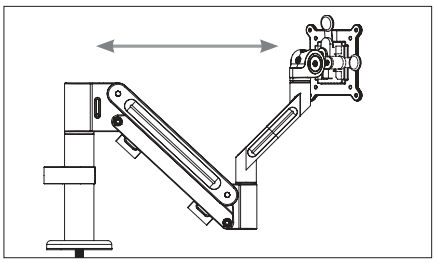
360° swivel for easy monitor sharing and positioning.



Provides rotation from portrait to landscape.



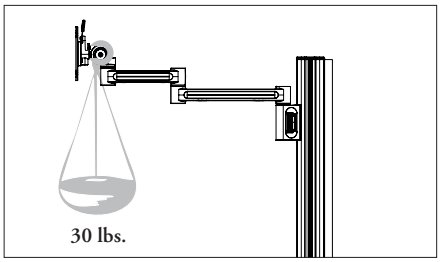
Tilts 135° in total (105° above horizontal and 30° below). Supporting bifocal and multi-level applications.



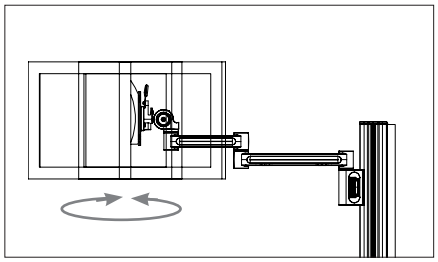
18" to 20 1/2" of focal depth adjustment and minimum product depth of 4".

MAST adjustment feature (continued)

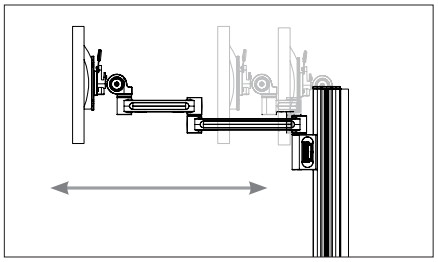
Manual Arm (M)
Offers 13" of height-adjustment.



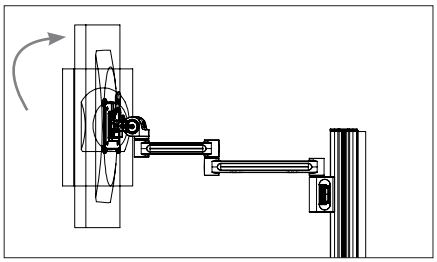
Supports monitors up to 30 lbs.



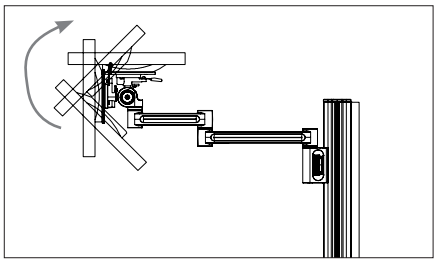
Swivels 360° to easily share information on the screen.



Offers 18" of focal depth adjustment. Minimum product depth of 3 1/2".



Provides rotation from portrait to landscape.



Tilts 135° in total (105° above horizontal and 30° below). Supporting bifocal and multi-level applications.