



MOUNTING REFERENCE GUIDE

# Mounting Solutions for Getinge Flow-i

CIM Cable Integrated Mounting System



THINK BEFORE  
YOU PRINT



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## General notes

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### Product safety

CIM med® medical mounting solutions for anaesthesia machines are designed and tested to the most exacting of standards, are CE marked and adhere to the regulations (EU) 2017/745 (MDR). EN 60601-1 compliance forms the basis of everything we do, to ensure that you and your customer get the safest, most beneficial solutions available in the world today.

Each arm is earthed back to the carts own earthing system. The arms can be restricted in movements to protect elements of the cart like rotameters, screens and cylinder manifolds. This also helps tip test conformity.

We have taken the time and effort to carry out all other testing such as static and dynamic load testing in combination with your anaesthesia cart. This is an essential part of medical compliance. We consider it our responsibility to ensure that the CIM configuration offered in this mounting reference guide, is tested, stable and safe. We will never supply you with a solution that is not 100% compliant. It is important that the maximum load carrying capacity for the anaesthesia machine as stated by the manufacturer, is not exceeded when using multiple configurations.


Please ask for a variety of TÜV-tested mounting solutions for anaesthesia applications. A declaration of conformity as well as the TÜV report can be provided on request:  
[enquiry@cim-med.com](mailto:enquiry@cim-med.com)

### Suggested mounting positions

Post and IV mounting options on the left, PDMS on the right side of the Getinge Flow-i.

### Product marking

**MD** A stand-alone product that is already classified as a medical product class 1 before being integrated into an overall medical device. The product is CE-marked. A declaration of conformity is available.

 Accessories or spare parts that have no independent function and are therefore not subject to the MDR. These products are not CE-marked. A declaration of conformity is not required.

### Warranty

All CIM products have a 5-year warranty to be free of defects in material and functionality from the date of delivery.

## Product highlights

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### Non-height adjustable arm

Pivot and extended pivot arms offer **full cable integration** and easy cleaning for **infection control** in all critical care areas in the clinical environment. Our **5-years warranty** guarantees reliable, trouble-free and maintenance-free operation. The swivel function at the fixing point as well as the **tilt/ swivel function** of the monitor adaptation offers optimum positioning of your device. The extended pivot arm is a two-part arm with central pivot point between the two arm sections. All bottom-mounted monitors have the safety feature of a **20° tilt stop**.

### Height adjustable arm

The height adjustable arm offers **full cable integration**, one-wipe clean surfaces and our **5-year warranty** on the entirety of the product. Vertically and horizontally adjustable, the arm offers optimal positioning of your device. A constant viewing angle when vertically adjusted is guaranteed by a parallel linkage. **Weight-optimized springs counter-balance** the monitor without making any adjustments. All bottom-mounted monitors have the safety feature of a **20° tilt stop**. Individual rotational stops may be integrated in any joint.

To provide the perfect combination of arm and monitor, the CIM articulated height adjustable arm has a simple quarter-turn lock to hold the arm safely in position when removing the monitor. Furthermore the arm is equipped with the unique safety feature of a slow-release gas spring. Should anybody try to remove the monitor before locking the arm in position, the arm will only rise at a slow and even tempo.

**SAFETY**



**Left side**

## **Post and IV mounting options**

- **Single mount**
  - **Dual mount**
- 



## Left side: Post and IV mounting options

### Single mount with extended pivot arm


**MD**

<b>Consisting of</b>	Single adaptation to Flow-i side rail Extended pivot arm with $\varnothing$ 25 mm / 1" front pole adapter Pole $\varnothing$ 25 mm / 1", length 600 mm / 23.6 "
<b>Colour</b>	Aluminum parts RAL 9002 grey white
<b>Max. load capacity</b>	11 kg / 24.3 lbs
<b>Product weight</b>	4.4 kg / 9.7 lbs
<b>Part number</b>	MQ-H33030RR-FI1.2_600

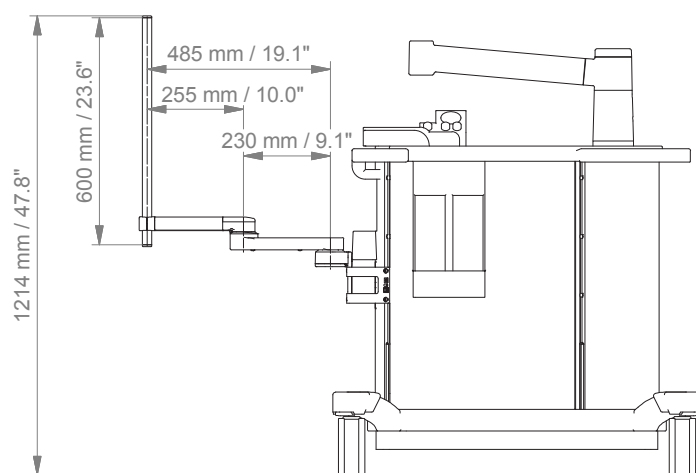


## Left side: Post and IV mounting options

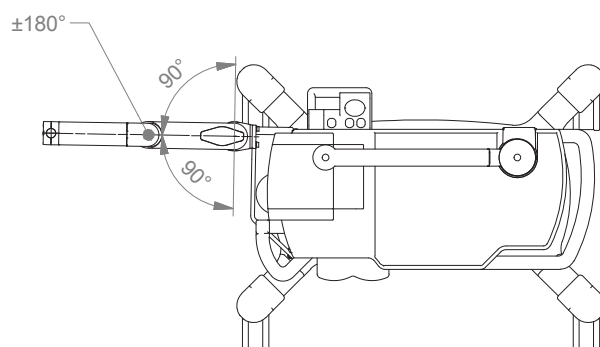
# Single mount with extended pivot arm

### Technical data

#### FRONT VIEW



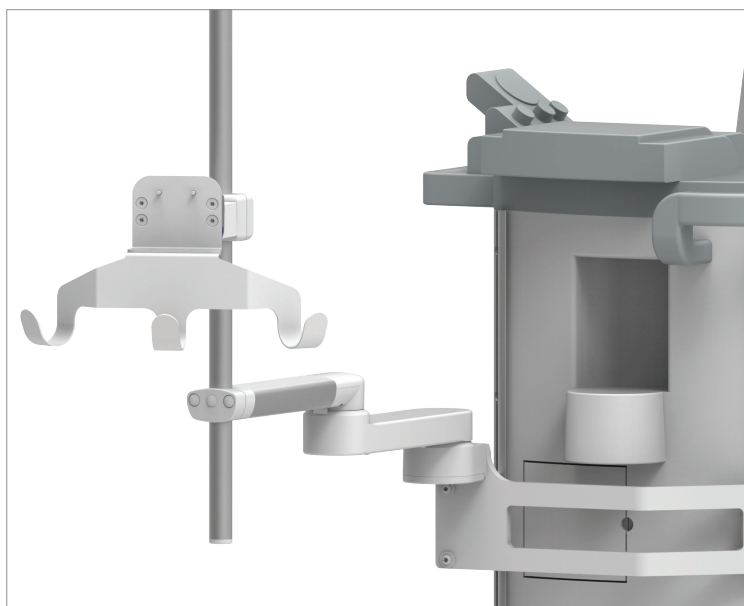
#### TOP VIEW



## Left side: Post and IV mounting options

# Single mount - Packages

### Flow-i Single Mount Philips MP2/X2/X3 Version



#### P-MQ-MP2-FI1.C2

**MD**

Consisting of

- Single adaptation to Flow-i side rail
- Extended pivot arm with  $\varnothing$  25 mm / 1" front pole adapter
- Pole  $\varnothing$  25 mm / 1", length 600 mm / 23.6 "
- Flush mount prepared to accept Philips MP2/X2/X3 with cable hook with 3 hooks and  $\varnothing$  25 mm / 1" pole clamp

Max. load capacity 9 kg / 19.8 lbs

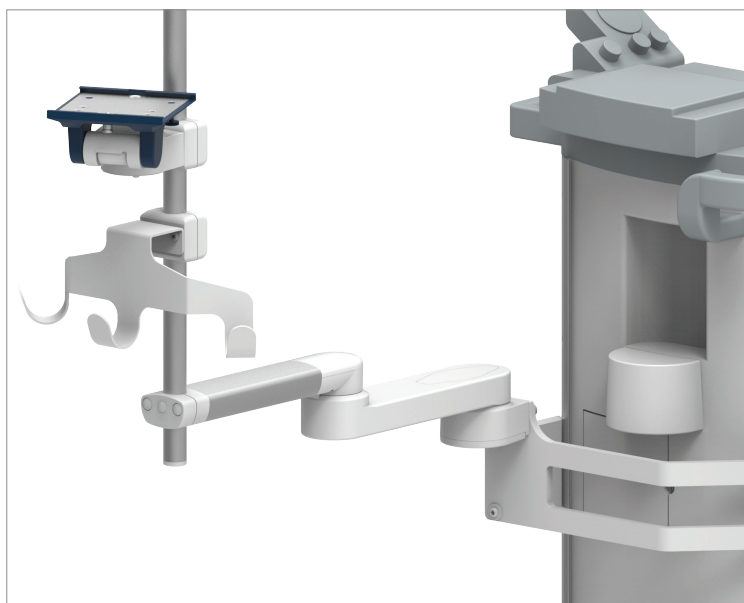
Product weight 5.9 kg / 13 lbs

Colour to choose (C)

bl = RAL 5013 (blue)

gr = RAL 7024 (graphite grey)

### Flow-i Single Mount Plunge Plate Version



#### P-MQ-A-FI1.C2

**MD**

Consisting of

- Single adaptation to Flow-i side rail
- Extended pivot arm with  $\varnothing$  25 mm / 1" front pole adapter
- Pole  $\varnothing$  25 mm / 1", length 600 mm / 23.6 "
- Cable hook with 3 hooks and  $\varnothing$  25 mm / 1" pole clamp
- Flush mount with 5" plunge plate

Max. load capacity 8.5 kg / 18.7 lbs

Product weight 6.3 kg / 13.9 lbs

Colour to choose (C)

bl = RAL 5013 (blue)

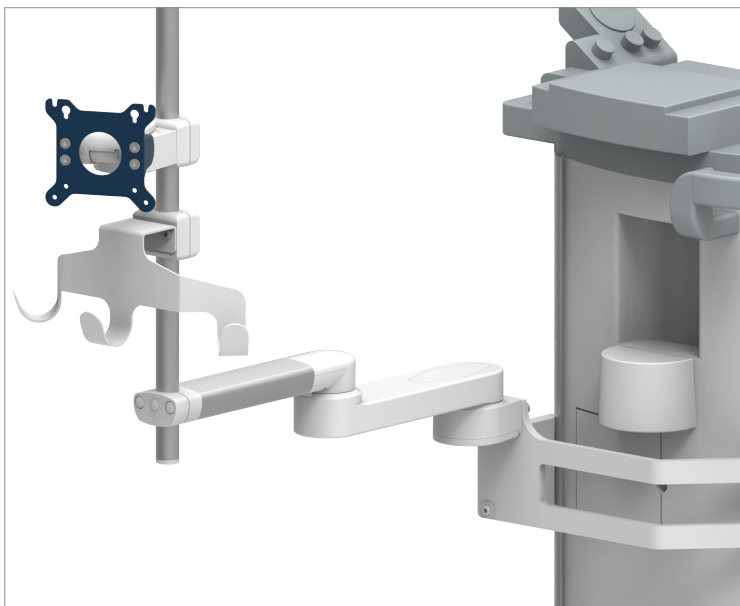
gr = RAL 7024 (graphite grey)



Left side: Post and IV mounting options

## Single mount - Packages

### Flow-i Single Mount VESA 75/100 Version



#### P-MQ-G-FI1.C2

**MD**

Consisting of

- Single adaptation to Flow-i side rail
- Extended pivot arm with  $\varnothing$  25 mm / 1" front pole adapter
- Pole  $\varnothing$  25 mm / 1", length 600 mm / 23.6 "
- Cable hook with 3 hooks and  $\varnothing$  25 mm / 1" pole clamp
- Flush mount with VESA 75/100

Max. load capacity 8.5 kg / 18.7 lbs

Product weight 6.3 kg / 13.9 lbs

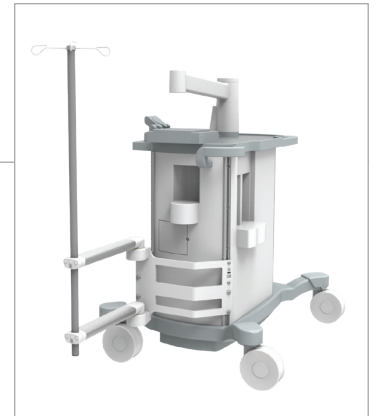
Colour to choose (C)

bl = RAL 5013 (blue)

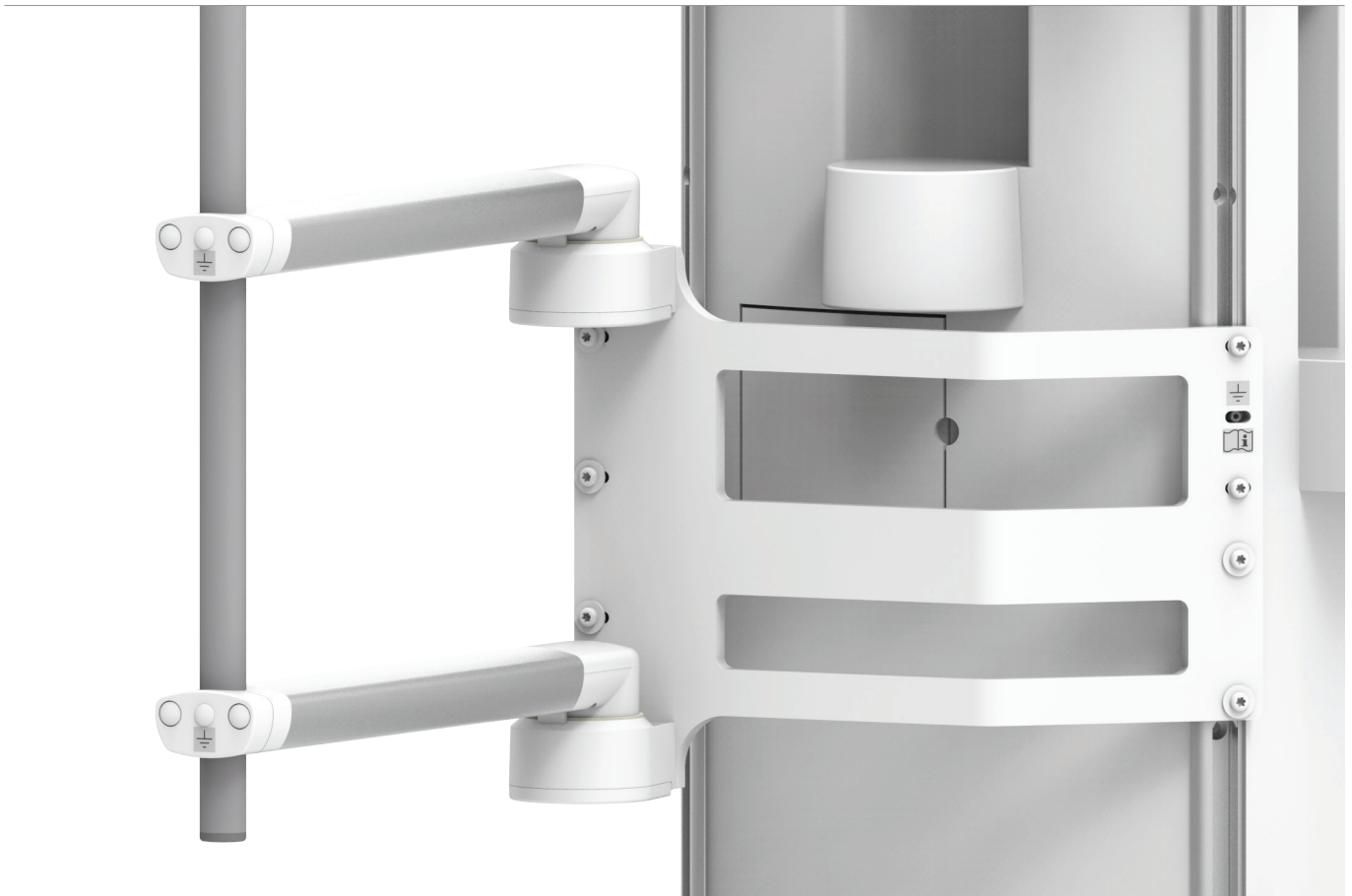
gr = RAL 7024 (dark grey)

## Left side: Post and IV mounting options

### Dual mount with two pivot arms



<b>Consisting of</b>	Dual adaptation to Flow-i side rail 2 pivot arms with $\varnothing$ 25 mm / 1" front pole adapter Pole $\varnothing$ 25 mm / 1" with infusion bag hooks, length 1200 mm / 47.2 "
<b>Colour</b>	Aluminum parts: RAL 9002 grey white
<b>Max. load capacity</b>	20 kg / 44.1 lbs
<b>Product weight</b>	8.1 kg / 17.9 lbs
<b>Part number</b>	MQ-245RR-FI2.2_1200

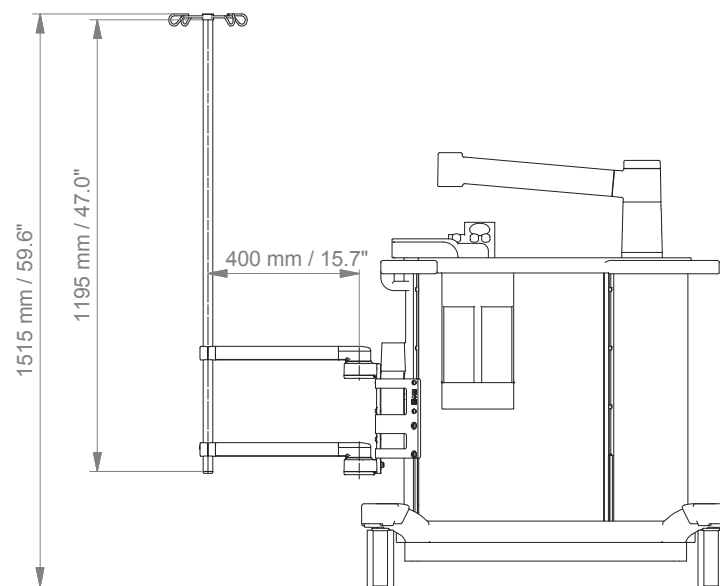
**MD**


Left side: Post and IV mounting options

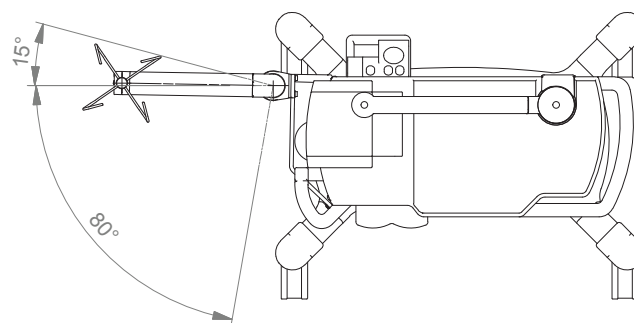
## Dual mount with two pivot arms

### Technical data

#### FRONT VIEW



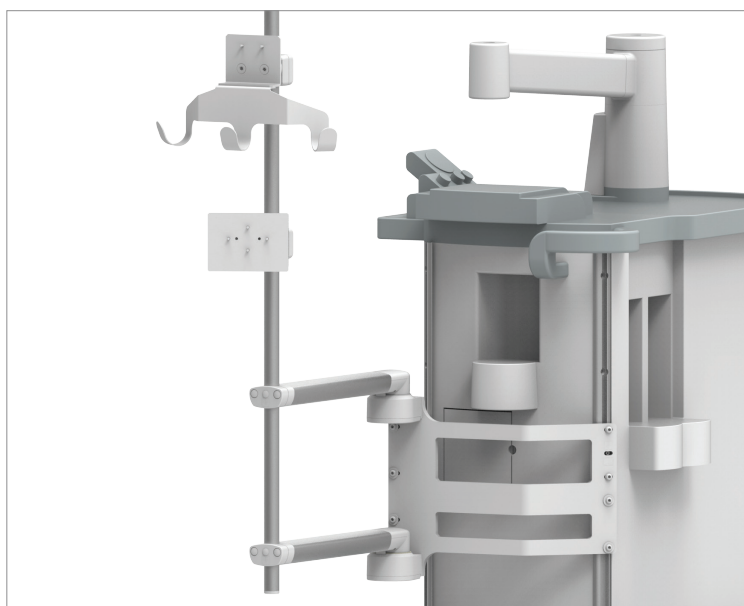
#### TOP VIEW



Left side: Post and IV mounting options

## Dual mount - Packages

### Flow-i Dual Mount Philips Version



#### P-MQ-PH-FI2.C2

**MD**

Consisting of

- Dual adaptation to Flow-i side rail
- 2 pivot arms with  $\varnothing$  25 mm/ 1" front pole adapter
- Pole  $\varnothing$  25 mm/ 1", length 1.200 mm/ 47.2 "
- Flush mount prepared to accept Philips FMS
- Philips MP2/X2/X3 mount with cable hook with 3 hooks

Max. load capacity 17.5 kg/ 38.6 lbs

Product weight 10.1 kg/ 22.3 lbs

Colour to choose (C)

bl = RAL 5013 (blue)

gr = RAL 7024 (dark grey)



## Right side

## Monitor mounting options

- VESA bracket and keyboard tray
  - VESA Adaptation
- 



## Right side: VESA bracket and keyboard tray

# How to create part numbers



### 1. Choose the arm version required:

431F	=	height adjustable arm with W-bracket
73130F	=	extended height adjustable arm with W-bracket
431M	=	height adjustable arm with Z-bracket
73130M	=	extended height adjustable arm with Z-bracket

### 2. Choose the colour requested for decorative parts (C):

gr	=	RAL 7024 (graphite grey)
bl	=	RAL 5013 (blue)

### 3. Colour of the aluminium die-cast parts:

2	=	RAL 9002 (grey white)
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### 4. Specify the spring depending on the weight of your monitor/ device (X):

W-bracket		Z-bracket	
95	=	2.5 - 5.5 kg / 5.5 - 12.1 lbs	95 = 1.5 - 4.5 kg / 3.3 - 9.9 lbs
110	=	3.5 - 9.5 kg / 7.7 - 20.9 lbs	110 = 3 - 9 kg / 6.6 - 19.8 lbs
130	=	6 - 10 kg / 13.2 - 22 lbs	130 = 5 - 9 kg / 11 - 19.8 lbs
160	=	8 - 13 kg / 17.6 - 28.6 lbs	160 = 8 - 13 kg / 17.6 - 28.6 lbs
175	=	11 - 13 kg / 24 - 28.6 lbs	175 = 10 - 13 kg / 22 - 28.6 lbs

### 5. Specify the requested size of the keyboard tray and mouse (T):

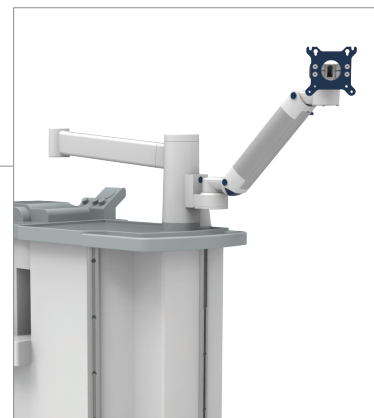
Standard	Magnetic	With wrist rest	Dimensions
30	30S		= 300 x 210 mm / 11.8 x 8.3"
40	40S		= 400 x 150 mm / 15.7 x 5.9"
50	50S	50W	= 500 x 200 mm / 19.7 x 7.9"
58	58S	58W	= 580 x 200 mm / 22.8 x 7.9"
65	65S	65W	= 650 x 200 mm / 25.6 x 7.9"
RC			= 480 x 220 mm (retractable mouse tray left/right 226 mm / 8.9")

## Example

Grounding		01 Arm version		Fixing		02 + 03 Colour		04 Spring tension		05 Keyboard tray
A	-	431F	-	10	.	C2	-	X	-	T
A	-	431F	-	10	.	gr2	-	95	-	30

## Right side: VESA adaptation

# How to create part numbers



### 1. Choose the arm version required:

431G = height adjustable arm  
73130G = extended height adjustable arm

### 2. Choose the colour requested for decorative parts (C):

gr = RAL 7024 (graphite grey)  
bl = RAL 5013 (blue)

### 3. Specify the spring depending on the weight of your monitor/ device (X):

60 = 2 - 5 kg / 4.4 - 11 lbs  
95 = 4 - 9 kg / 8.8 - 19.8 lbs  
110 = 4.5 - 12.5 kg / 9.9 - 27.6 lbs  
130 = 7.5 - 13 kg / 16.5 - 28.7 lbs  
160 = 12.5 - 15 kg / 27.6 - 33.1 lbs  
175 = 13 - 15 kg / 28.7 - 33.1 lbs

## Example

Grounding		01 Arm version		Fixing		02 Colour		03 Spring tension
A	-	431G	-	10	.	C2	-	X
A	-	431G	-	10	.	gr2	-	95

Right side: VESA bracket and keyboard tray

## Height adjustable arm with W-bracket



MD

**Monitor / keyboard adaption**

W-bracket VESA 75/100 and keyboard / mouse tray

**Colours to choose C**

decorative parts RAL 5013 blue / RAL 7024 graphite grey  
aluminum parts RAL 9002 grey white

**Max. load capacity support arm**

13 kg / 28.7 lbs

**Max. load monitor adaptation**

13 kg / 28.7 lbs

**Product weight**

5.4 - 7 kg / 11.9 - 15.4 lbs (accoring to dimensions of keyboard tray)

**Height adjustment**

slow-flowing spring, parallel linkage for a constant viewing angle

**Balancing range X**

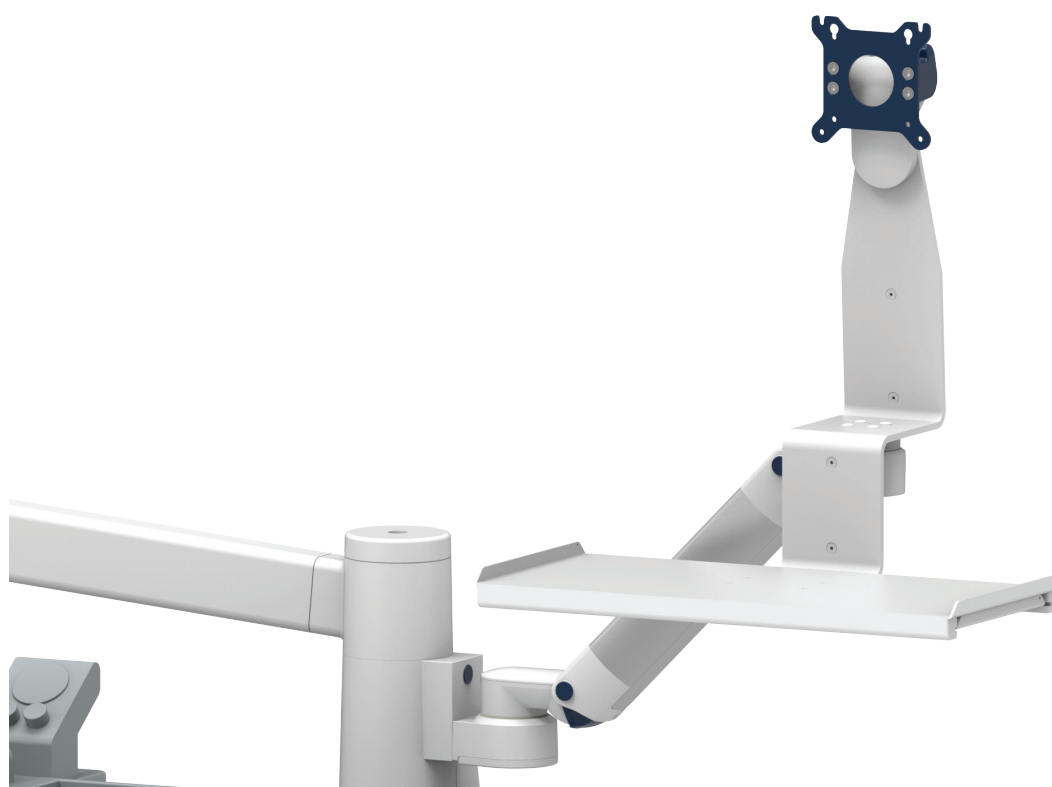
950 N (2.5 - 5.5 kg / 5.5 - 12.1 lbs); 1100 N (3.5 - 9.5 kg / 7.7 - 20.9 lbs);  
1300 N (6 - 10 kg / 13.2 - 22 lbs); 1600 N (8 - 13 kg / 17.6 - 28.7 lbs);  
1750 N (11 - 13 kg / 24 - 28.7 lbs)

**Keyboard tray dimension T**

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm  
11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

**Part number**

A-431F-10.C2\_X\_T



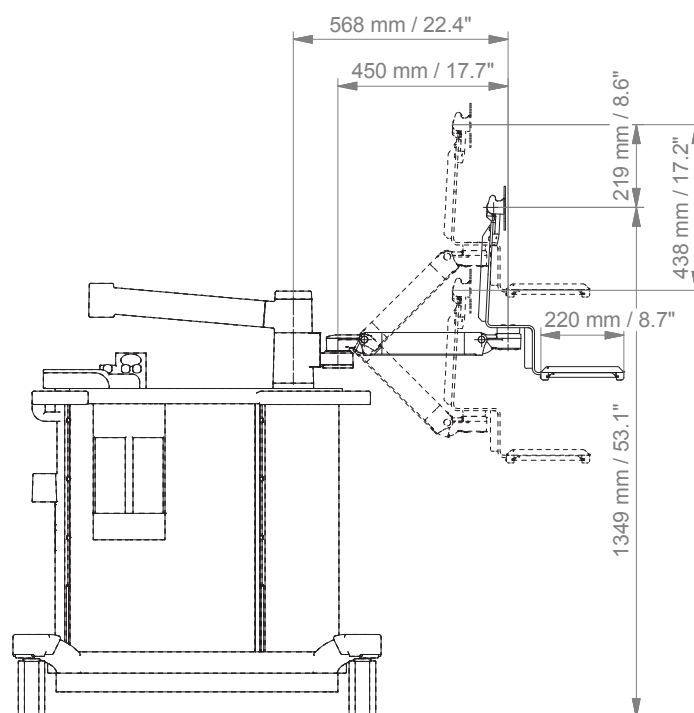


Right side: VESA bracket and keyboard tray

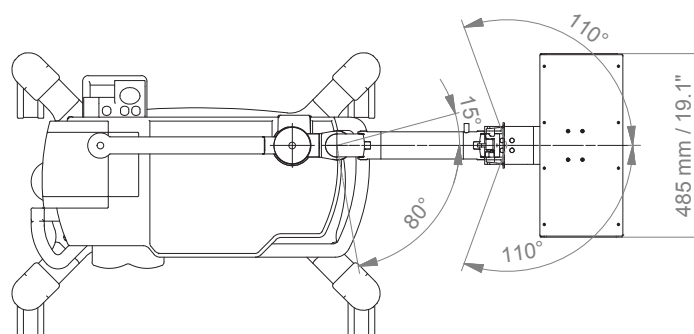
## Height adjustable arm with W-bracket

### Technical data

#### FRONT VIEW



#### TOP VIEW



Right side: VESA bracket and keyboard tray

## Extended height adjustable arm with W-bracket



**Monitor / keyboard adaption**

W-bracket VESA 75/100 and keyboard / mouse tray

**Colours to choose C**

decorative parts RAL 5013 blue / RAL 7024 graphite grey  
aluminum parts RAL 9002 grey white

**MD**

**Max. load capacity support arm**

8 kg / 17.6 lbs

**Max. load monitor adaptation**

8 kg / 17.6 lbs

**Product weight**

7.3 - 9 kg / 16.1 - 19.8 (according to dimensions of keyboard tray)

**Height adjustment**

slow-flowing spring, parallel linkage for a constant viewing angle

**Balancing range X**

950 N (2.5 - 5.5 kg / 5.5 - 12.1 lbs); 1100 N (3.5 - 8 kg / 7.7 - 17.6 lbs);  
1300 N (6 - 8 kg / 13.2 - 17.6 lbs)

**Keyboard tray dimension T**

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm  
11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

**Part number**

A-73130F-10.C2\_X\_T

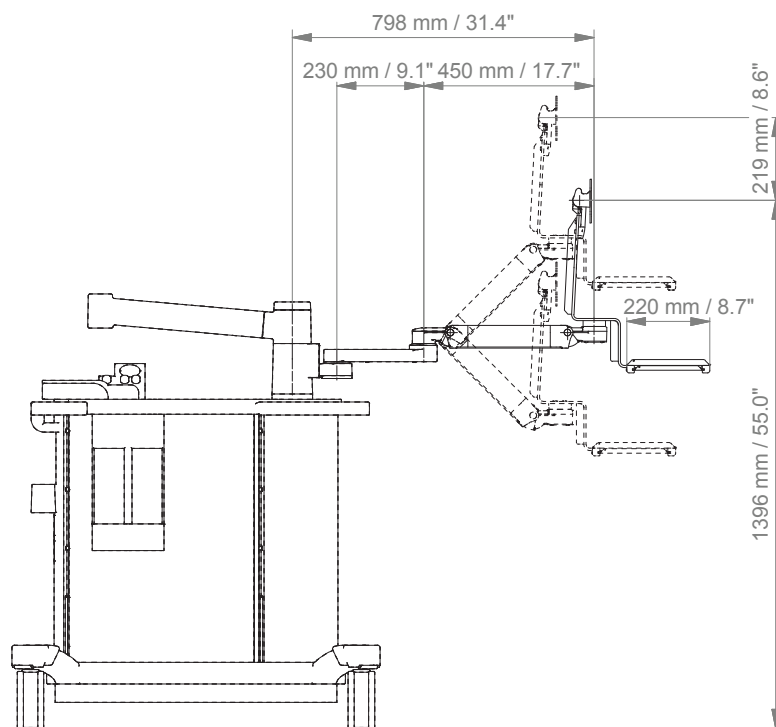


Right side: VESA bracket and keyboard tray

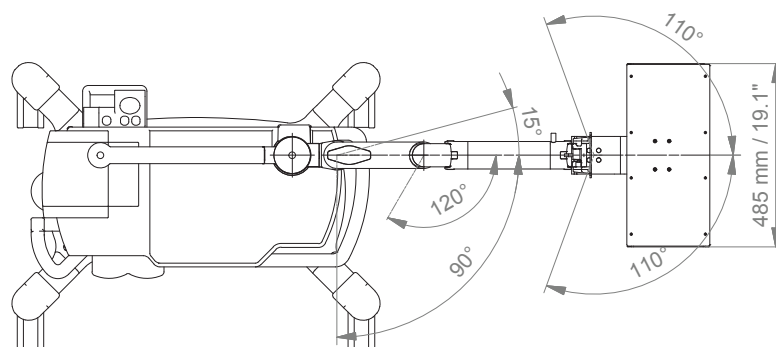
## Extended height adjustable arm with W-bracket

### Technical data

#### FRONT VIEW



#### TOP VIEW



Right side: VESA bracket and keyboard tray

## Height adjustable arm with Z-bracket



**MD**

**Monitor / keyboard adaption**

Z-bracket VESA 75/100 and keyboard / mouse tray

**Colours to choose** **C**

decorative parts RAL 5013 blue / RAL 7024 graphite grey  
aluminum parts RAL 9002 grey white

**Max. load capacity support arm**

13 kg / 28.7 lbs

**Max. load monitor adaptation**

13 kg / 28.7 lbs

**Product weight**

6.4 - 8 kg / 14.1 - 17.6 lbs (accoring to dimensions of keyboard tray)

**Height adjustment**

slow-flowing spring, parallel linkage for a constant viewing angle

**Balancing range** **X**

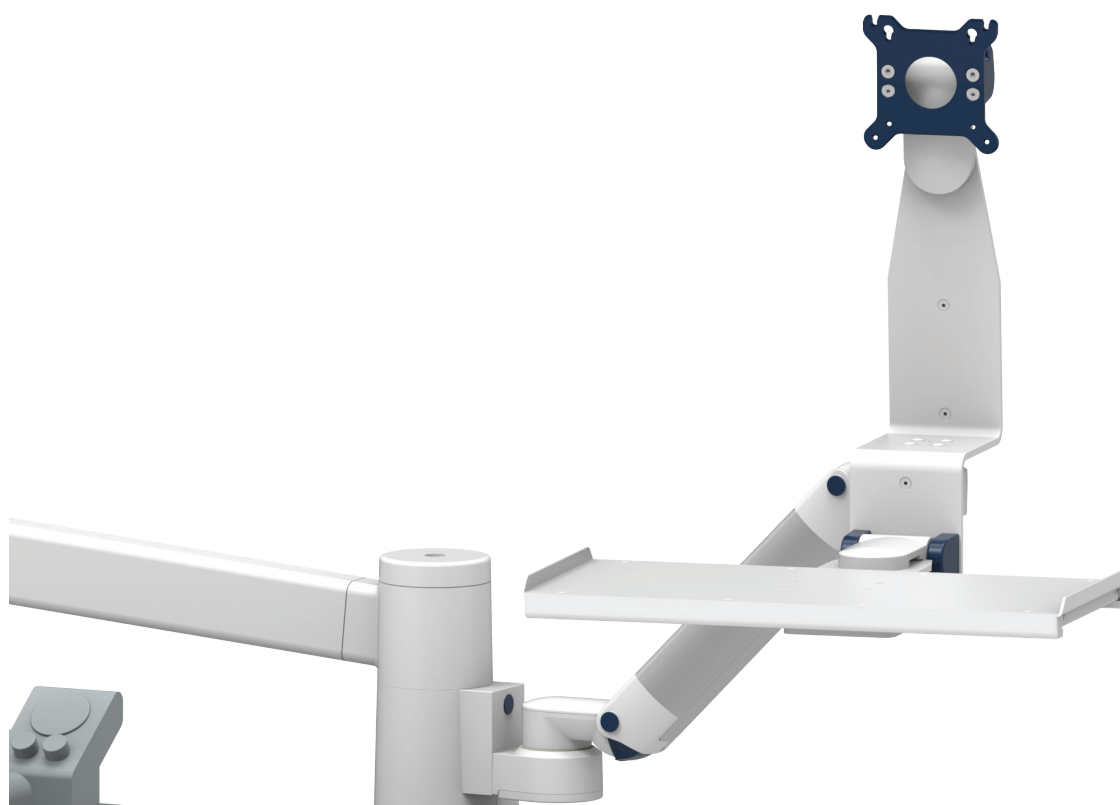
950 N (1.5 - 4.5 kg / 3.3 - 9.9 lbs); 1100 N (3 - 9 kg / 6.6 - 19.8 lbs);  
1300 N (5 - 9 kg / 11 - 19.8 lbs); 1600 N (8 - 13 kg / 17.6 - 28.7 lbs);  
1750 N (10 - 13 kg / 22 - 28.7 lbs)

**Keyboard tray dimension** **T**

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm  
11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

**Part number**

A-431M-10.**C2\_X\_T**



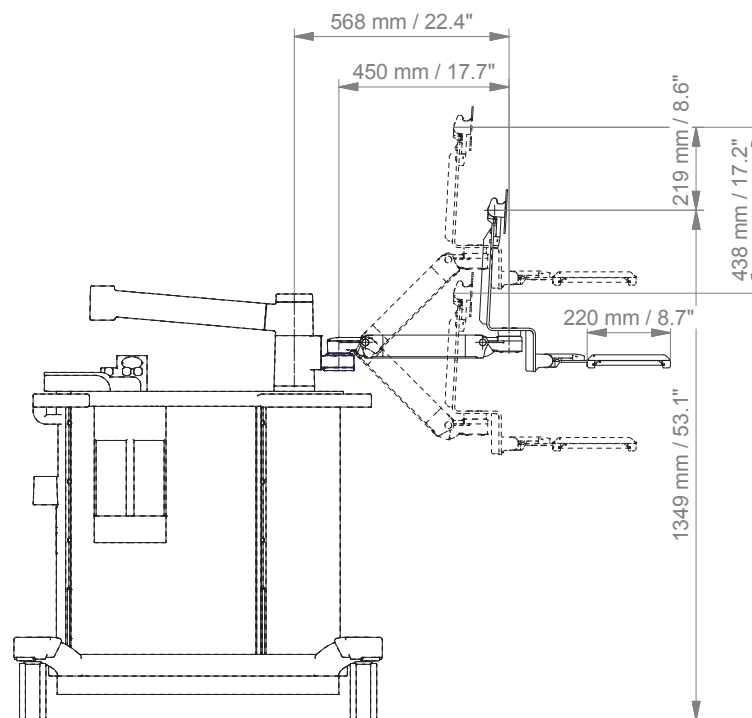


Right side: VESA bracket and keyboard tray

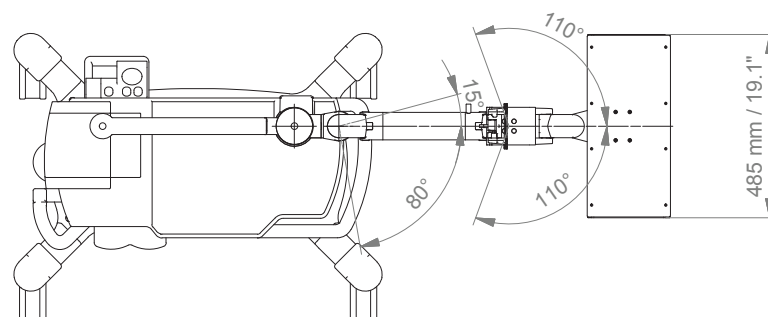
## Height adjustable arm with Z-bracket

### Technical data

#### FRONT VIEW



#### TOP VIEW



Right side: VESA bracket and keyboard tray

## Extended height adjustable arm with Z-bracket



MD

**Monitor / keyboard adaption**

Z-bracket VESA 75/ 100 and keyboard/ mouse tray

**Colours to choose** C

decorative parts RAL 5013 blue / RAL 7024 graphite grey  
aluminum parts RAL 9002 grey white

**Max. load capacity support arm**

8 kg / 17.6 lbs

**Max. load monitor adaptation**

8 kg / 17.6 lbs

**Product weight**

8.3 - 10 kg / 18.3 - 22 lbs (according to dimensions of keyboard tray)

**Height adjustment**

slow-flowing spring, parallel linkage for a constant viewing angle

**Balancing range** X

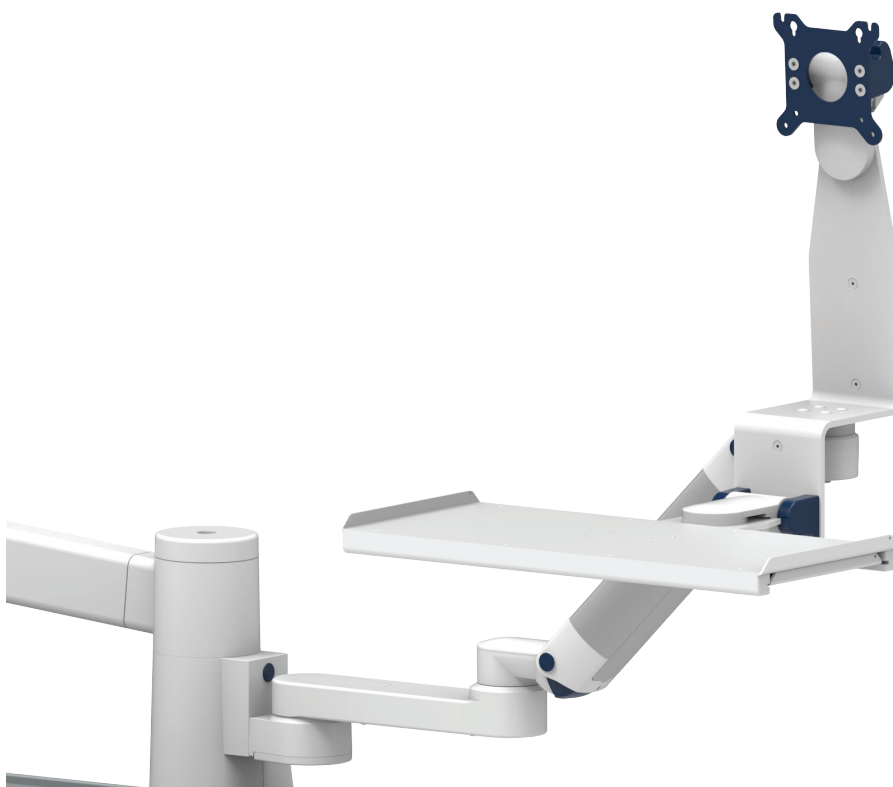
950 N (1.5 - 4.5 kg / 3.3 - 9.9 lbs); 1100 N (3 - 8 kg / 6.6 - 17.6 lbs);  
1300 N (5 - 8 kg / 11 - 17.6 lbs)

**Keyboard tray dimension** T

300 x 210 mm, 400 x 150 mm, 500 x 200 mm, 580 x 200 mm, 650 x 200 mm, 480 x 220 mm  
11.8 x 8.3", 15.7 x 5.9", 19.7 x 7.9", 22.8 x 7.9", 25.6 x 7.9", 18.9 x 8.7"

**Part number**

A-73130M-10.C2\_X\_T

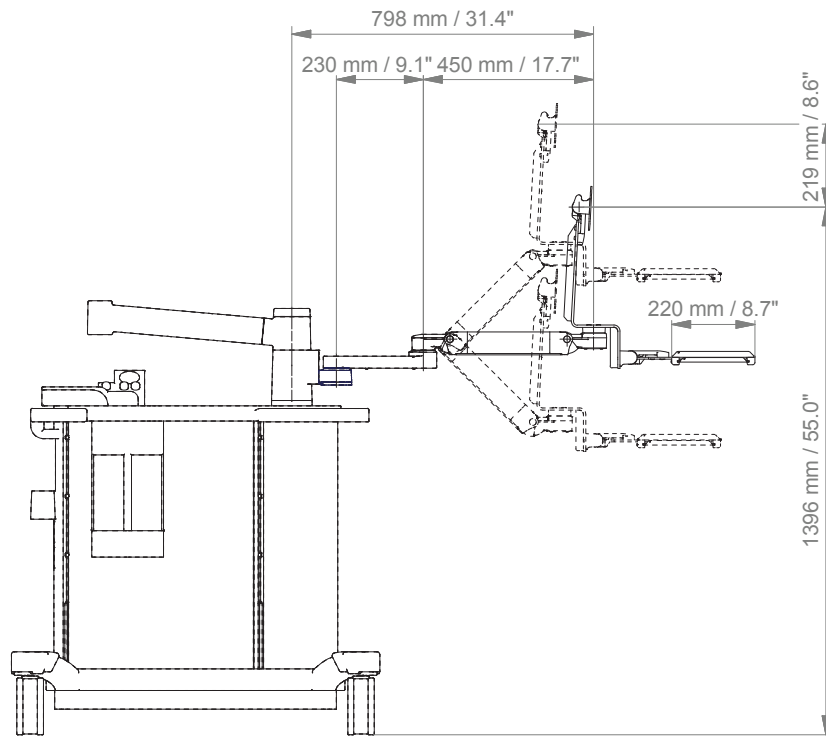


Right side: VESA bracket and keyboard tray

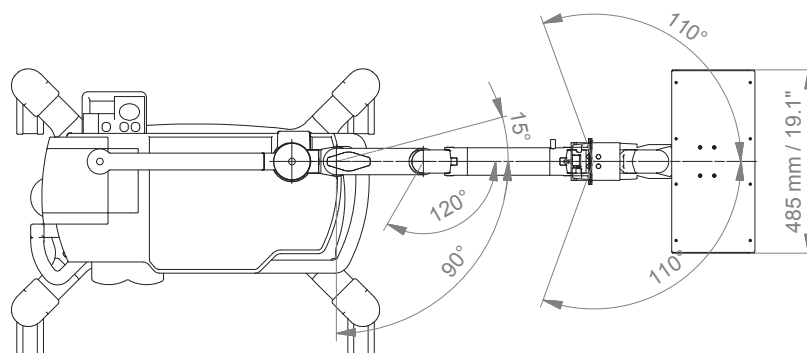
## Extended height adjustable arm with Z-bracket

### Technical data

#### FRONT VIEW



#### TOP VIEW



Right side: VESA adaptation

## Height adjustable arm



### Monitor adaption

VESA 75/100

### Colours to choose C

decorative parts RAL 5013 blue / RAL 7024 graphite grey  
aluminum parts RAL 9002 grey white

**MD**

### Max. load capacity support arm

15 kg / 33.1 lbs

### Max. load monitor adaptation

15 kg / 33.1 lbs

### Product weight

3.9 kg / 8.6 lbs

### Height adjustment

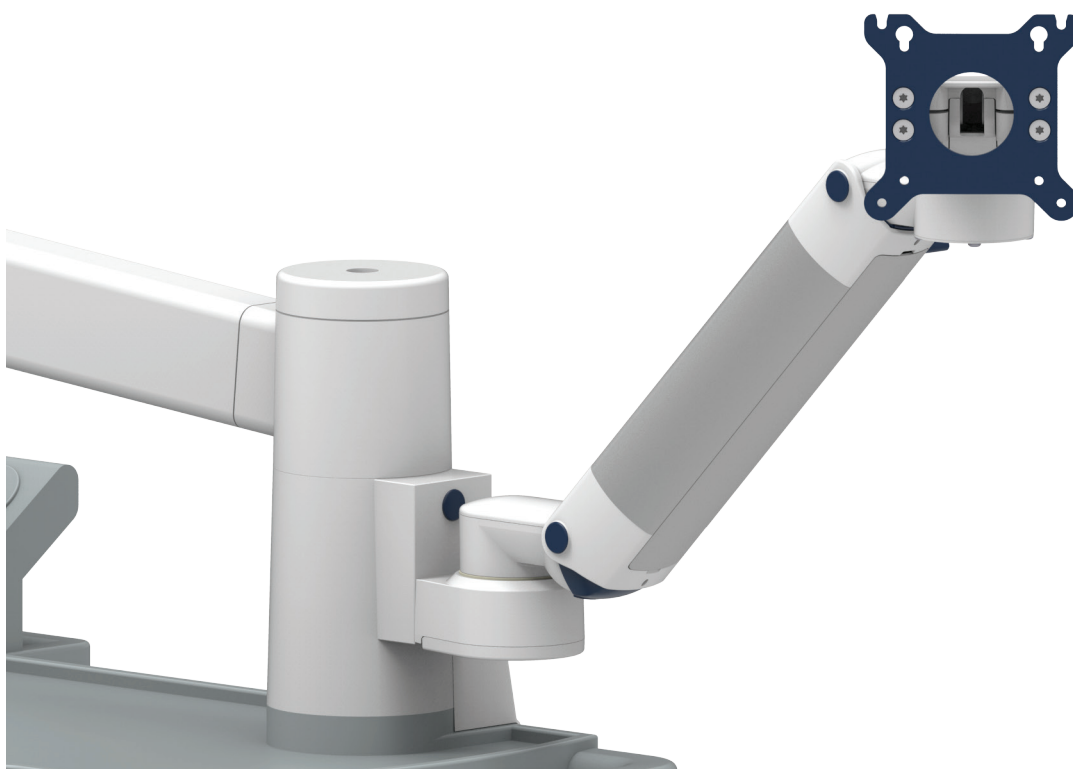
slow-flowing spring, parallel linkage for a constant viewing angle

### Balancing range X

600 N (2 - 5 kg / 4.4 - 11 lbs); 950 N (4 - 9 kg / 8.8 - 19.8 lbs); 1100 N (4.5 - 12.5 kg / 9.9 - 27.6 lbs);  
1300 N (7.5 - 13 kg / 16.5 - 28.7 lbs); 1600 N (12.5 - 15 kg / 27.6 - 33.1 lbs);  
1750 N (13 - 15 kg / 28.7 - 33.1 lbs)

### Part number

A-431G-10.C2\_X

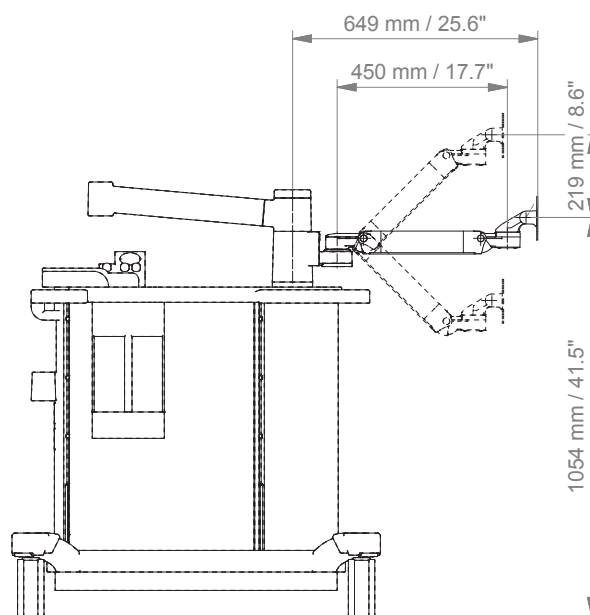


Right side: VESA adaptation

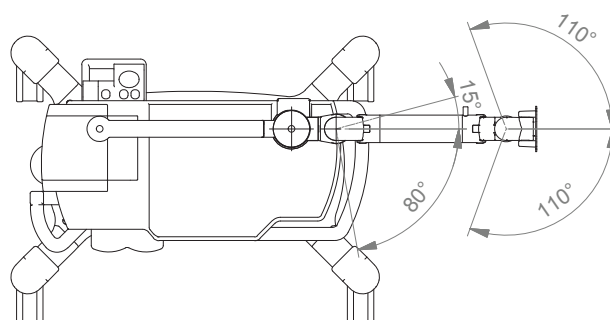
## Height adjustable arm

### Technical data

#### FRONT VIEW



#### TOP VIEW





Right side: VESA adaptation

## Extended height adjustable arm



**Monitor adaption**

VESA 75/100

**Colours to choose** C

decorative parts RAL 5013 blue / RAL 7024 graphite grey  
aluminum parts RAL 9002 grey white

MD

**Max. load capacity support arm**

12 kg / 26.5 lbs

**Max. load monitor adaptation**

12 kg / 26.5 lbs

**Product weight**

5.8 kg / 12.8 lbs

**Height adjustment**

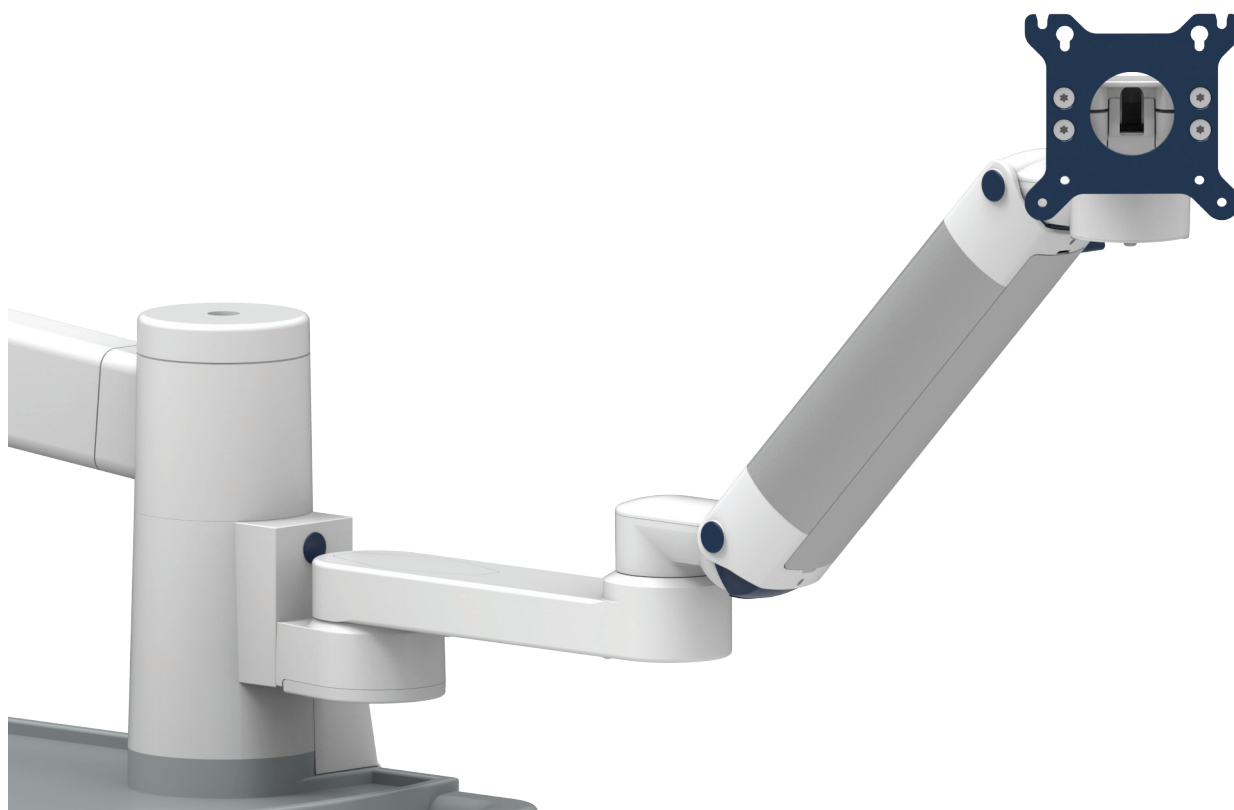
slow-flowing spring, parallel linkage for a constant viewing angle

**Balancing range** X

600 N (2 - 5 kg / 4.4 - 11 lbs); 950 N (4 - 9 kg / 8.8 - 19.8 lbs); 1100 N (4.5 - 12 kg / 9.9 - 26.5 lbs);  
1300 N (7.5 - 12 kg / 16.5 - 26.5 lbs)

**Part number**

A-73130G-10.C2\_X

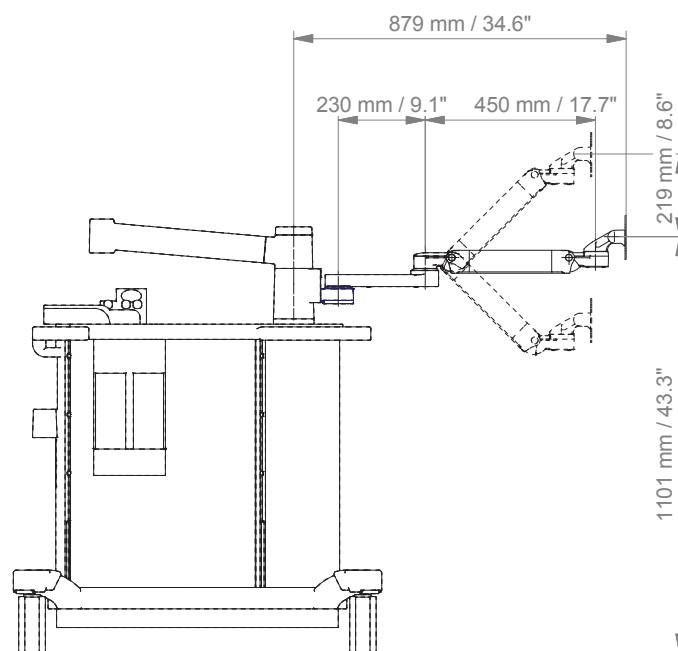


Right side: VESA adaptation

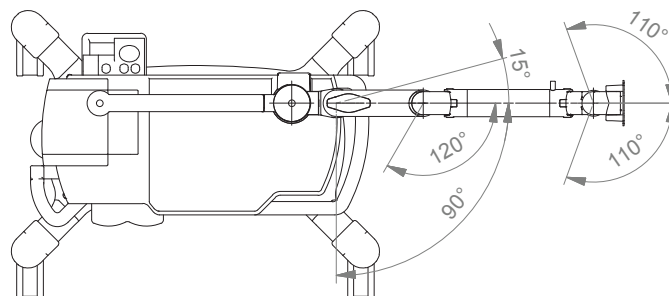
## Extended height adjustable arm

### Technical data

#### FRONT VIEW



#### TOP VIEW



**CIM med GmbH**

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