

MOUNTING REFERENCE GUIDE

VESA 75/ 100 ADAPTATION WITH QUICK RELEASE



CIM Cable Integrated Mounting System



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GENERAL NOTES

Monitor Adaptations

The monitor adaption VESA 75 quick release (**Q**) respectively VESA 75/ 100 quick release (**Q1**) with an according adapter plate facilitates the quick change of a monitor.

Different supports for monitor mount VESA 75/ 100 (without quick release) can be found in our catalogue: VESA 75/ 100 adaptation.

Components' grounding

All arms with integrated cable management are equipped with **components grounding**. No grounding is required for arms with external or semi-integrated cable management with cables not being lead through joints.

Load capacity

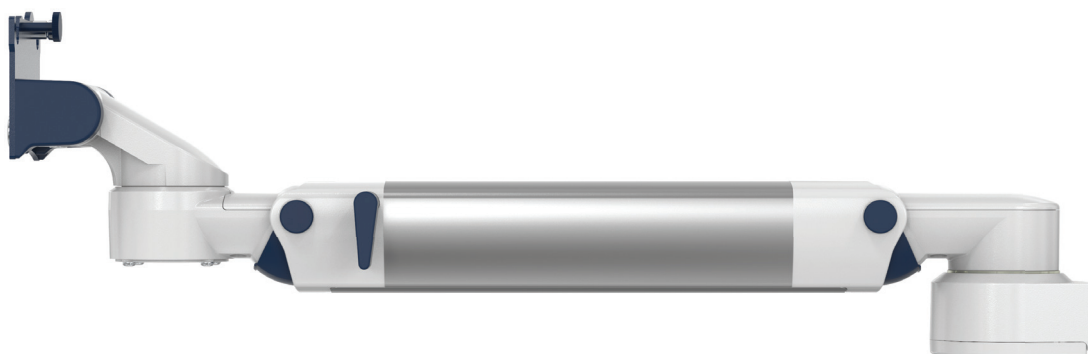
All **height adjustable arms** have a load capacity of 22 kg/ 48.5 lbs. Rear mounted monitor adaptations and horizontally mounted 5" plunge plates accept a maximum monitor weight of 18 kg/ 39.7 lbs. Additional 4 kg/ 8.8 lbs may be mounted on a down-post underneath the front swivel part. Depending on material and tensile factor all weight indications have a 4-fold and/ or 6-fold safety factor according to EN 60601-1, 3rd Edition regulations.

Custom-designed solutions and MRI applications

Please contact us for **custom-designed** solutions.

Product marking

All CIM products are CE marked. As **medical product risk class 1** they are conform with the regulations MDD 93/42 ECC and EN 60601-1, 3rd Edition. TUEV reports for numerous products especially for anaesthesia applications guarantee electrical and mechanical safety of our products.





HOW TO CREATE PART NUMBERS

Part numbers can be easily created by following the steps below:

Please replace the letters in **green** with the part no. code as per your requirements.

1. Components' grounding:

S	=	not grounded
A	=	grounded

2. Choose the arm version required:

910Q / 910Q1	=	flush mount
224Q / 230Q / 224Q1 / 230Q1	=	pivot arm
H33030Q / H33030Q1	=	extended pivot arm
431Q / 431Q1	=	height adjustable arm
73130Q / 73130Q1	=	extended height adjustable arm
531Q / 531Q1	=	high position height adjustable arm
83130Q / 83130Q1	=	extended high position height adjustable arm

3. Specify where you want to mount the arm and select the fixing (Y):

1V	=	pole ø 23 - 40 mm/ 0.9 - 1.6"
1	=	pole ø 25 mm/ 1.0"
1F	=	pole ø 35 mm/ 1.4"
1C	=	pole ø 38 mm/ 1.5"
2F	=	horizontal rails 10 x 25, 10 x 30mm
3	=	vertical rail
3DR	=	dual vertical rails, distance 150 mm/ 5.9"
3TX	=	dual vertical rails, distance 225 mm/ 8.9"
4V	=	vertical wall channel
4U	=	vertical wall channel for arms with high mounting position
	=	anaesthesia machine with existing GCX channel
8	=	lateral adapter to Trumpf klinoPORT ceiling pendant
82	=	adapter to Trumpf klinoPORT frontal
9	=	Heinen & Löwenstein anaesthesia machine
10	=	Maquet FLOW i anaesthesia machine



HOW TO CREATE PART NUMBERS

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

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

5. Choose the colour requested for the aluminium die-cast parts (D):

1	=	RAL 9016 (pure white)
2	=	RAL 9002 (grey white)

6. Specify the spring depending on the weight of your monitor/ device - only with height adjustable arms (X):

80	=	3 - 8 kg/ 6.6 - 17.6 lbs
95	=	5 - 11 kg/ 11 - 24.3 lbs
130	=	9 - 14 kg/ 19.8 - 30.9 lbs
175	=	13 - 18 kg/ 28.7 - 39.7 lbs
220	=	16 - 22 kg/ 35.3 - 48.5 lbs

EXAMPLE

1		2		3		4 & 5		6
Grounding		Arm version		Fixing		Colour		Spring tension
A	-	431Q	-	Y	.	CD	—	X
A	-	431Q	-	4V	.	gr1	—	80

VESA ADAPTER PLATE QUICK RELEASE

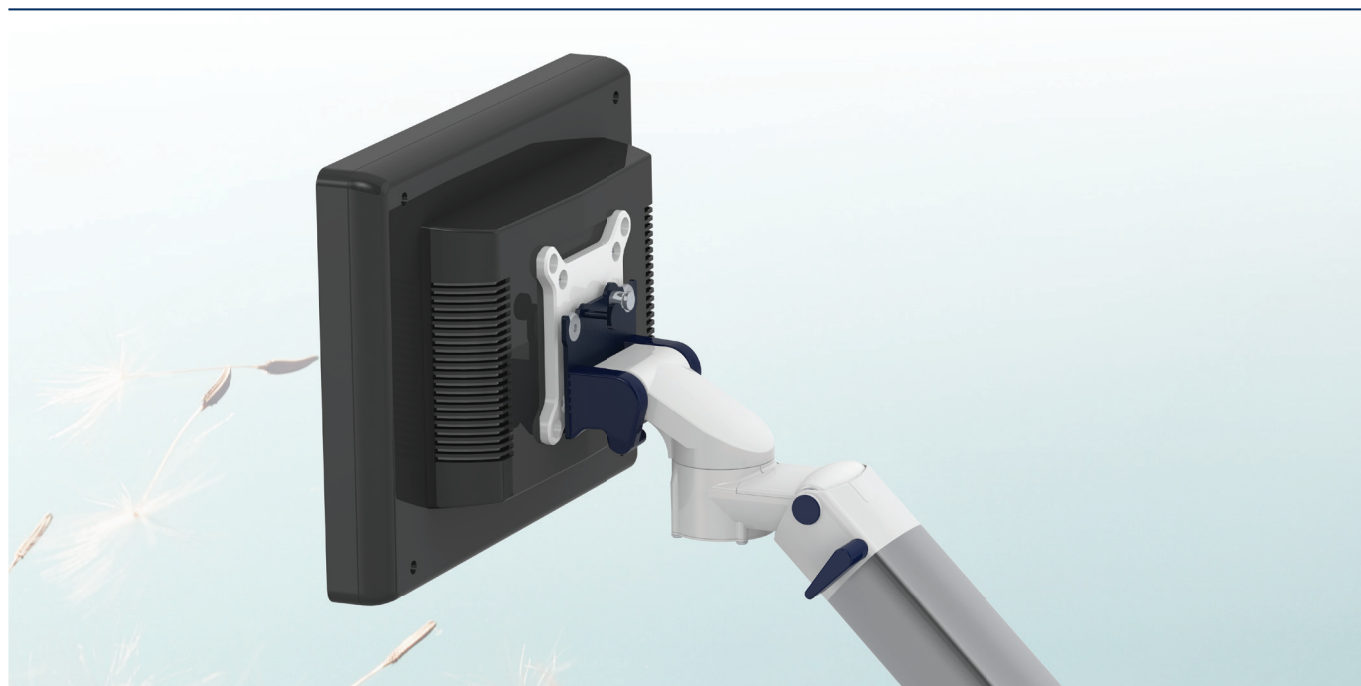
VESA 75 adapter plate quick release (Q)

This adapter plate accords a screw connection with the monitor's VESA 75 x 75 bore pattern. The adapter plate will be sent alongside each Q arm version order.



VESA 75/ 100 adapter plate quick release (Q1)

This adapter plate accords a screw connection with the monitor's VESA 75 x 75 and VESA 100 x 100 bore pattern. The adapter plate will be sent alongside each Q1 arm version order.



PRODUCT HIGHLIGHTS

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.

SAFETY

To provide the perfect combination of arm and monitor, the CIM articulated height adjustable arm has a simply 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, our arm will only rise at a slow and even tempo.



FLUSH MOUNT

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release	
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white	
Max. load capacity support arm	18 kg/ 39.7 lbs	
Max. load monitor adaptation	18 kg/ 39.7 lbs	
Product weight	1.1 kg/ 2.4 lbs	
Part number	S-910Q-Y.CD	VESA 75
	S-910Q1-Y.CD	VESA 75/ 100



Fixings

Y / details page 28



4V

Adapter for
vertical wall channel



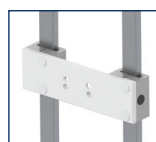
2F

Fixed rail clamp



3

Vertical
rail clamp



3DR
3TX

Dual vertical
rail clamp



1
1F
1C
1V

Fixed / universal
pole clamp



8
82

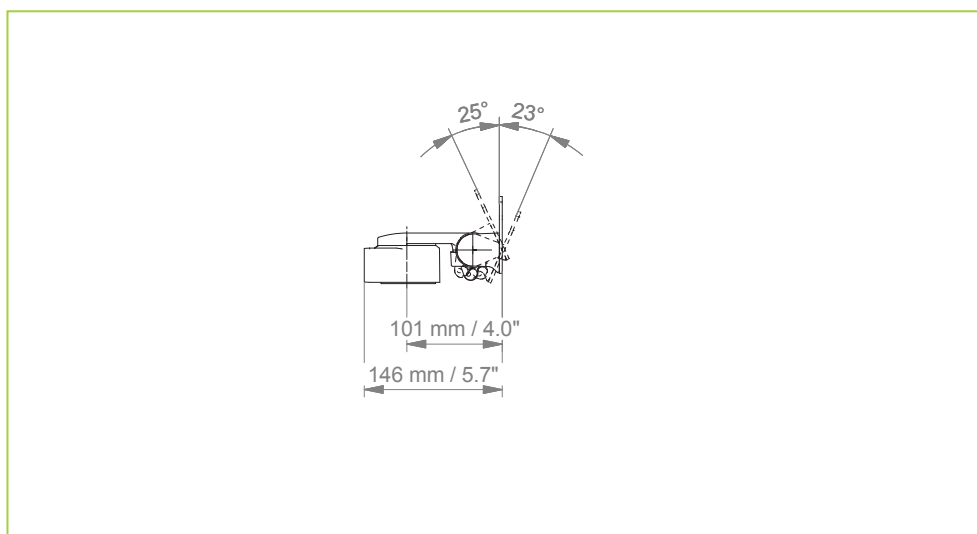
Lateral adapter
Trumpf



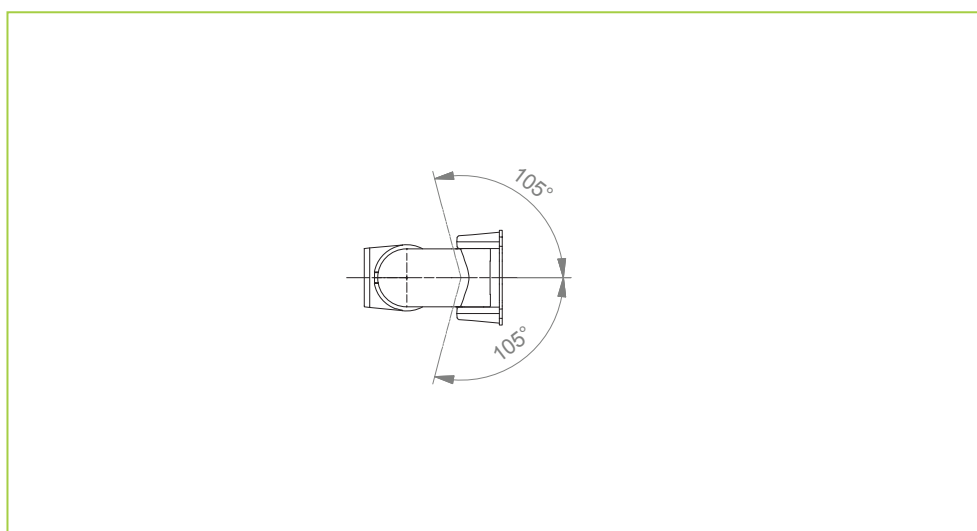
FLUSH MOUNT

Technical data

Side view

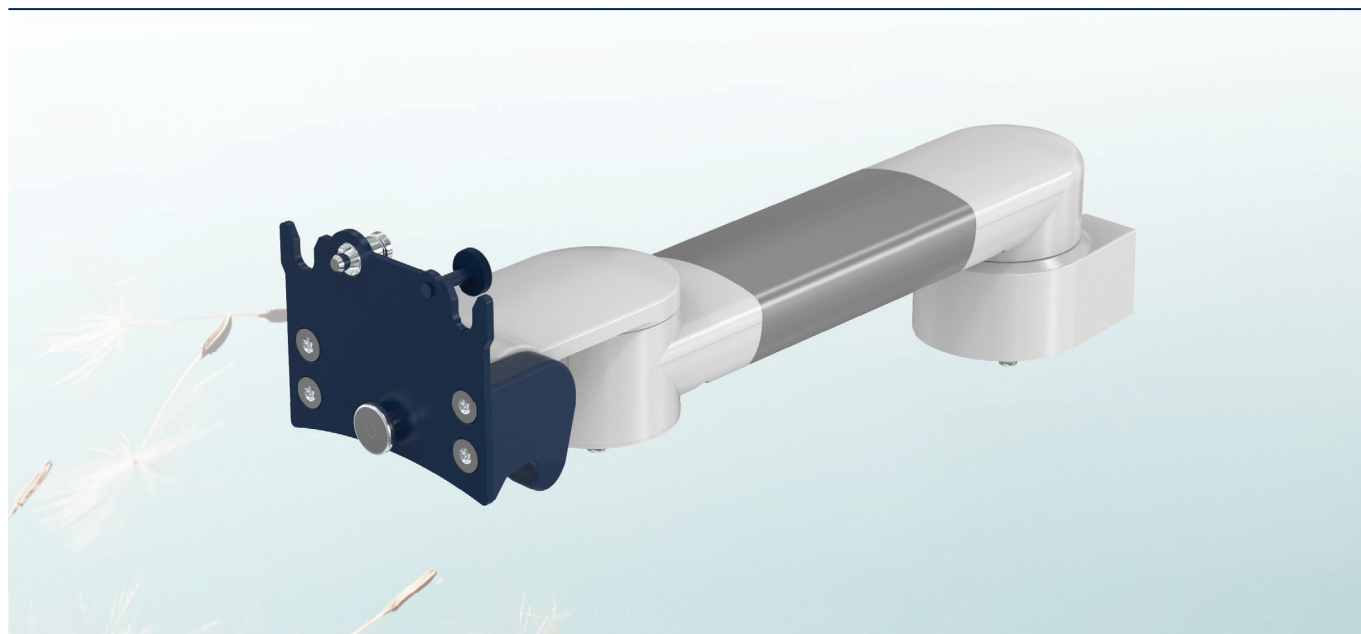


Top view



SUPPORT ARM PIVOT

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release		
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white		
Max. load capacity support arm	18 kg/ 39.7 lbs		
Max. load monitor adaptation	18 kg/ 39.7 lbs		
Product weight	240 mm/ 9.5": 2 kg/ 4.4 lbs; 300 mm/ 11.8": 2.1 kg/ 4.6 lbs		
Part number	arm length 240 mm/ 9.5"	arm length 300 mm/ 11.8"	
	A-224Q-Y.CD	A-230Q-Y.CD	VESA 75
	A-224Q1-Y.CD	A-230Q1-Y.CD	VESA 75/ 100



Fixings Y / details page 28 and 29



4V

Adapter for vertical wall channel



2F

Fixed rail clamp



3

Vertical rail clamp



3DR
3TX

Dual vertical rail clamp



1
1F
1C
1V

Fixed / universal pole clamp



8
82

Lateral adapter Trumpf



10

Adapter for Maquet anaesthesia machines



9

Adapter for Heinen & Löwenstein anaesthesia machines



4U

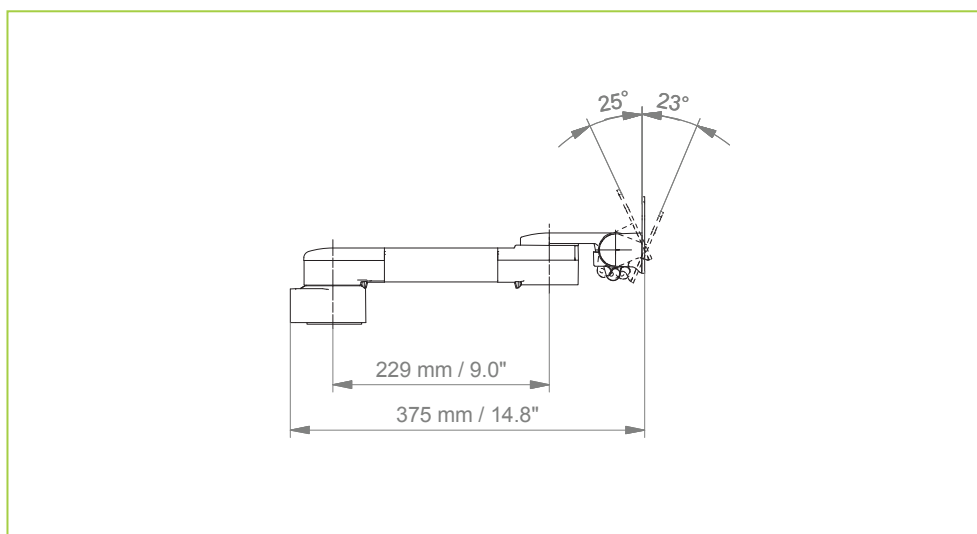
Adapter for anaesthesia machines with existing side channel



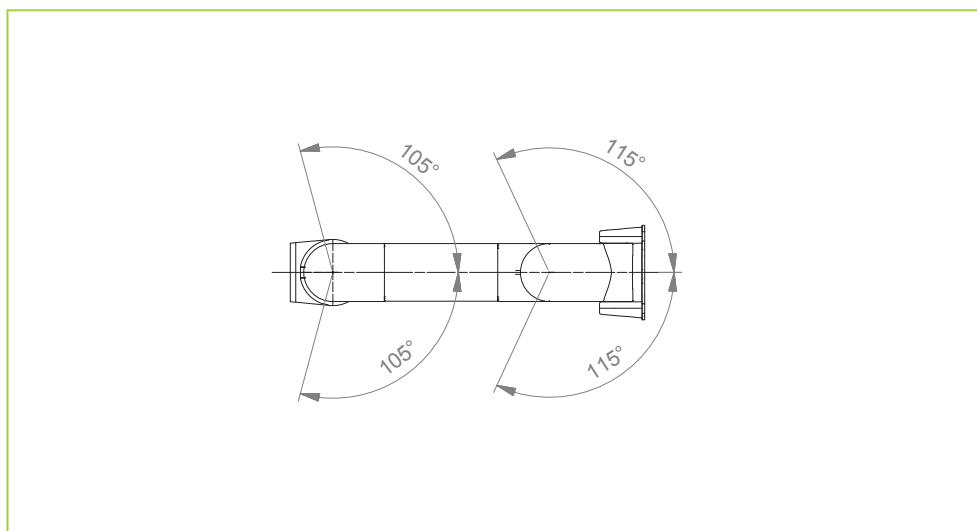
SUPPORT ARM PIVOT

Technical data – arm length 300 mm/ 11.8"

Side view



Top view



EXTENDED PIVOT ARM

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release	
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white	
Max. load capacity support arm	18 kg/ 39.7 lbs	
Max. load monitor adaptation	18 kg/ 39.7 lbs	
Product weight	3.1 kg/ 6.8 lbs	
Part number	A-H33030Q-Y.CD	VESA 75
	A-H33030Q1-Y.CD	VESA 75/ 100



Fixings Y / details page 28 and 29



4V

Adapter for vertical wall channel



2F

Fixed rail clamp



3

Vertical rail clamp



3DR
3TX

Dual vertical rail clamp



1
1F
1C
1V

Fixed / universal pole clamp



8
82

Lateral adapter Trumpf



10

Adapter for Maquet anaesthesia machines



9

Adapter for Heinen & Löwenstein anaesthesia machines



4U

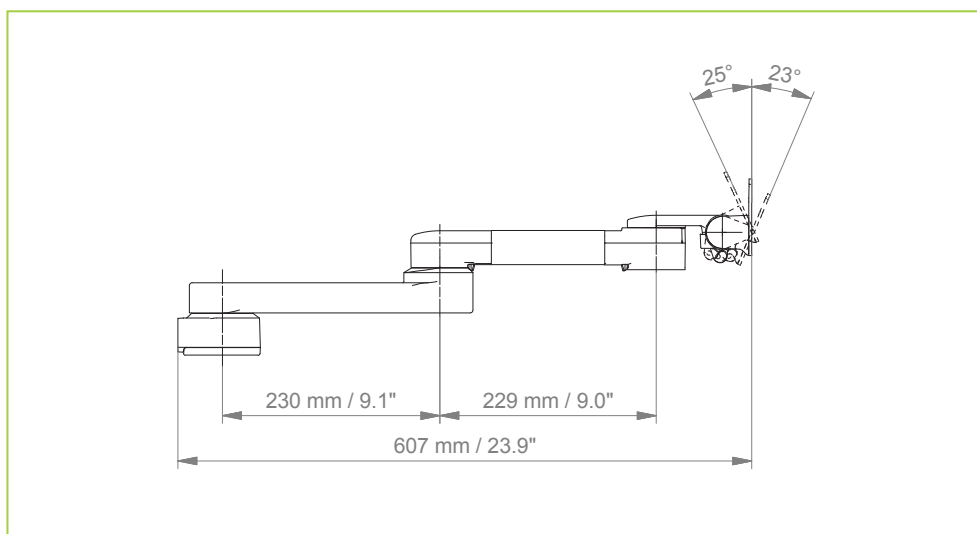
Adapter for anaesthesia machines with existing side channel



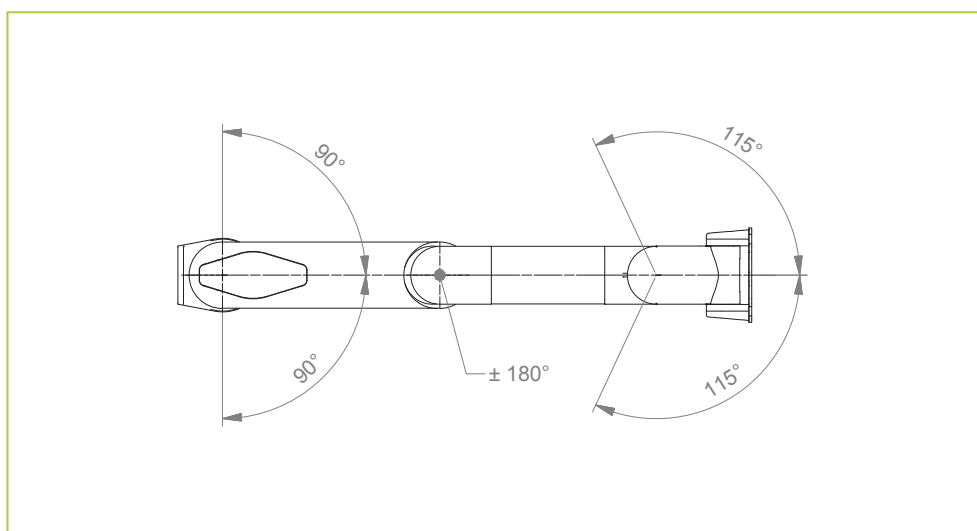
EXTENDED PIVOT ARM

Technical data

Side view

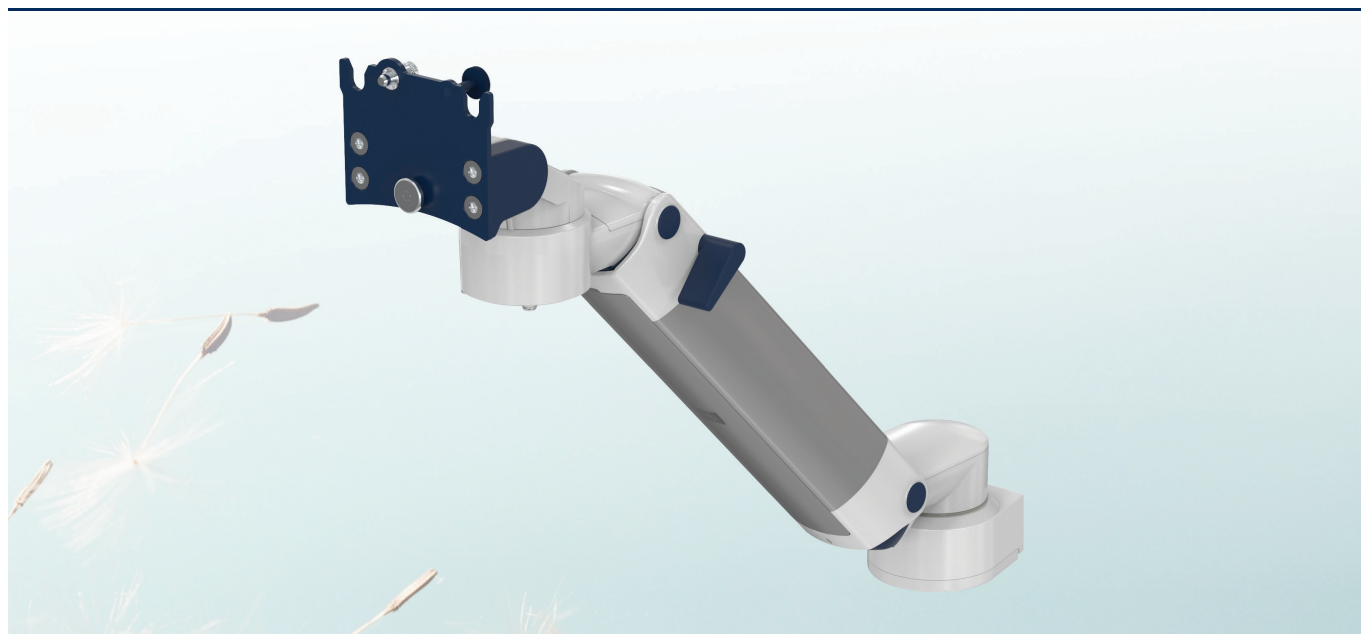


Top view



HEIGHT ADJUSTABLE ARM

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white
Max. load capacity support arm	22 kg/ 48.5 lbs
Max. load monitor adaptation	18 kg/ 39.7 lbs
Product weight	3.8 kg/ 8.4 lbs
Balancing range	800 N (3 - 8 kg/ 6.6 - 17.6 lbs); 950 N (5 - 11 kg/ 11 - 24.3 lbs); 1300 N (9 - 14 kg/ 19.8 - 30.9 lbs); 1750 N (13 - 18 kg/ 28.7 - 39.7 lbs); 2200 N (16 - 22 kg/ 35.3 - 48.5 lbs)
Part number	A-431Q-Y.CD_X VESA 75 A-431Q1-Y.CD_X VESA 75/ 100



Fixings Y / details page 28 and 29



4V

Adapter for vertical wall channel



2F

Fixed rail clamp



3

Vertical rail clamp



3DR
3TX

Dual vertical rail clamp



1
1F
1C
1V

Fixed / universal pole clamp



8
82

Lateral adapter Trumpf



10

Adapter for Maquet anaesthesia machines



9

Adapter for Heinen & Löwenstein anaesthesia machines



4U

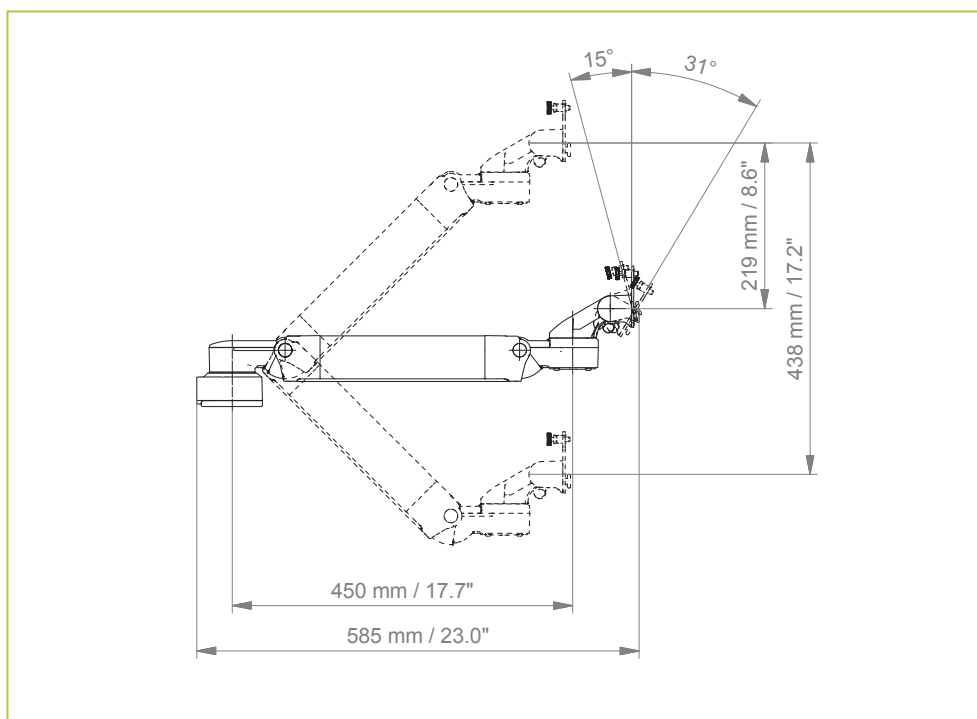
Adapter for anaesthesia machines with existing side channel



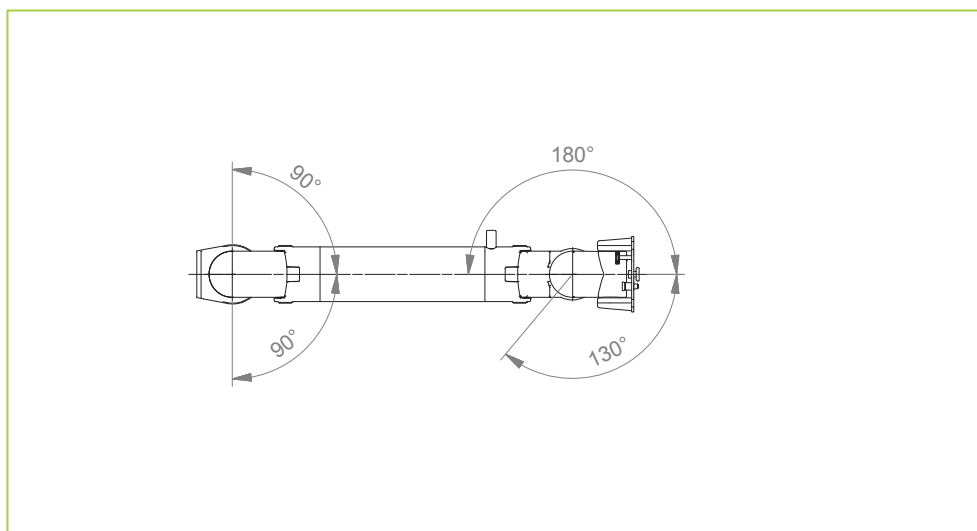
HEIGHT ADJUSTABLE ARM

Technical data

Side view

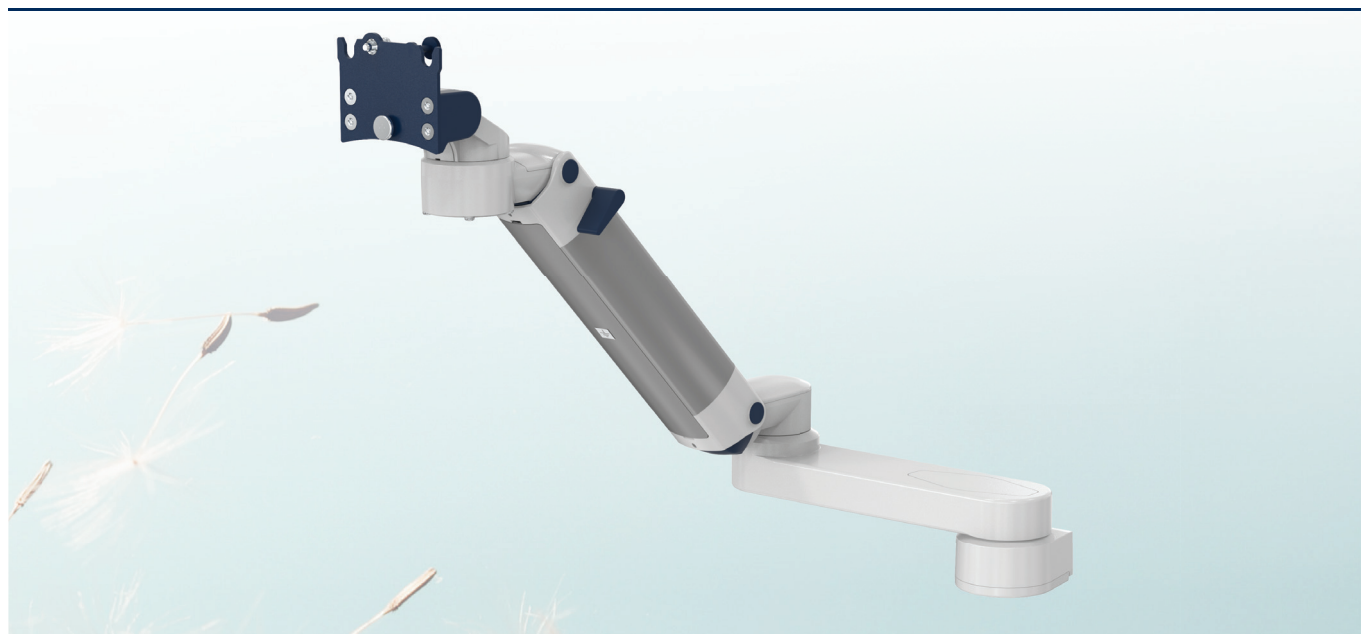


Top view



EXTENDED HEIGHT ADJUSTABLE ARM

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white
Max. load capacity support arm	22 kg/ 48.5 lbs
Max. load monitor adaptation	18 kg/ 39.7 lbs
Product weight	5.7 kg / 12.6 lbs
Balancing range	800 N (3 - 8 kg/ 6.6 - 17.6 lbs); 950 N (5 - 11 kg/ 11 - 24.3 lbs); 1300 N (9 - 14 kg/ 19.8 - 30.9 lbs); 1750 N (13 - 18 kg/ 28.7 - 39.7 lbs); 2200 N (16 - 22 kg/ 35.3 - 48.5 lbs)
Part number	A-73130Q-Y.CD_X VESA 75 A-73130Q1-Y.CD_X VESA 75/ 100



Fixings Y / details page 28 and 29



Adapter for vertical wall channel



Fixed rail clamp



Vertical rail clamp



Dual vertical rail clamp



Fixed / universal pole clamp



Lateral adapter Trumpf



Adapter for Maquet anaesthesia machines



Adapter for Heinen & Löwenstein anaesthesia machines



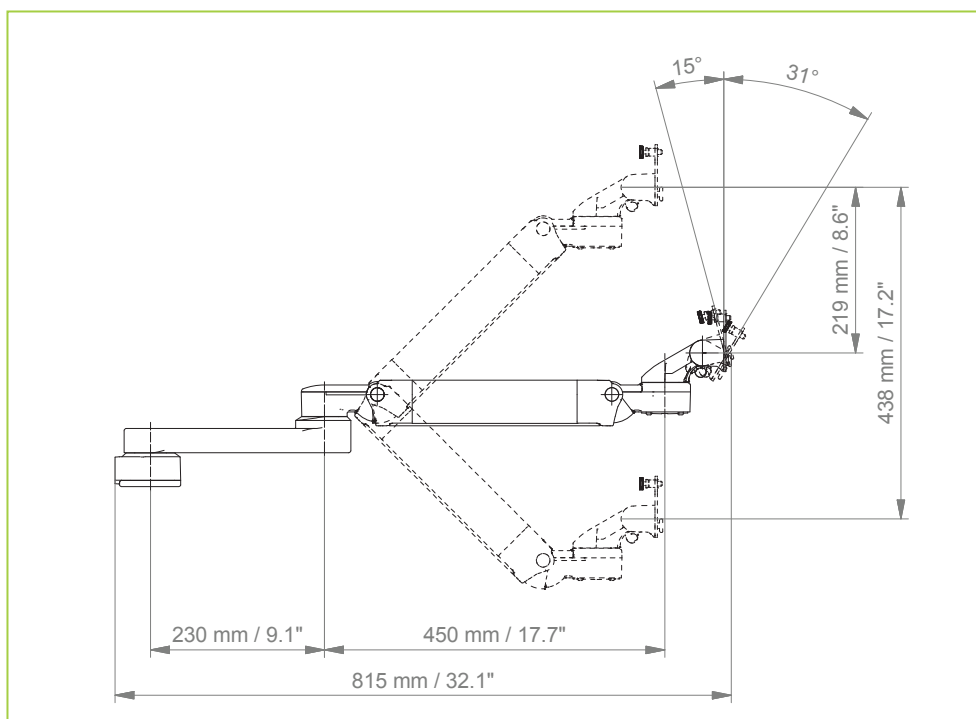
Adapter for anaesthesia machines with existing side channel



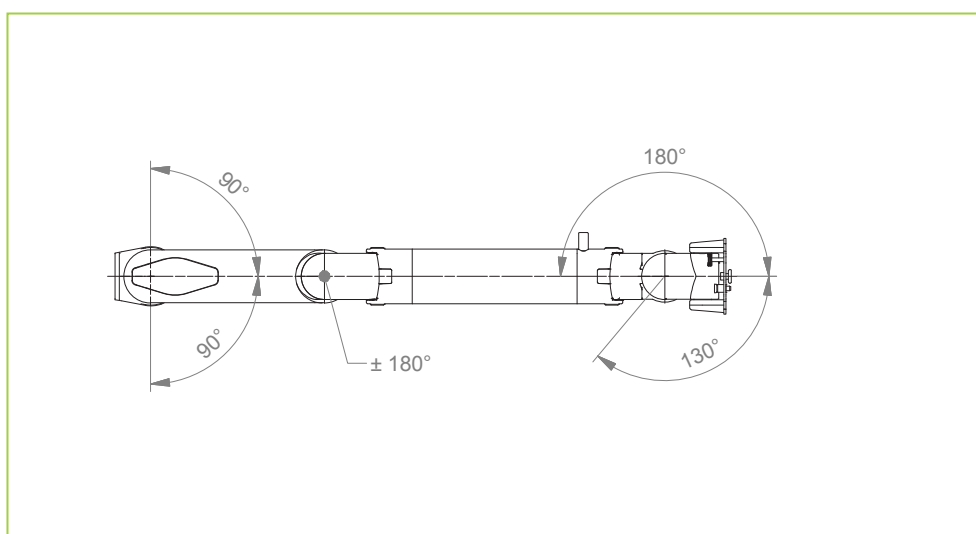
EXTENDED HEIGHT ADJUSTABLE ARM

Technical data

Side view



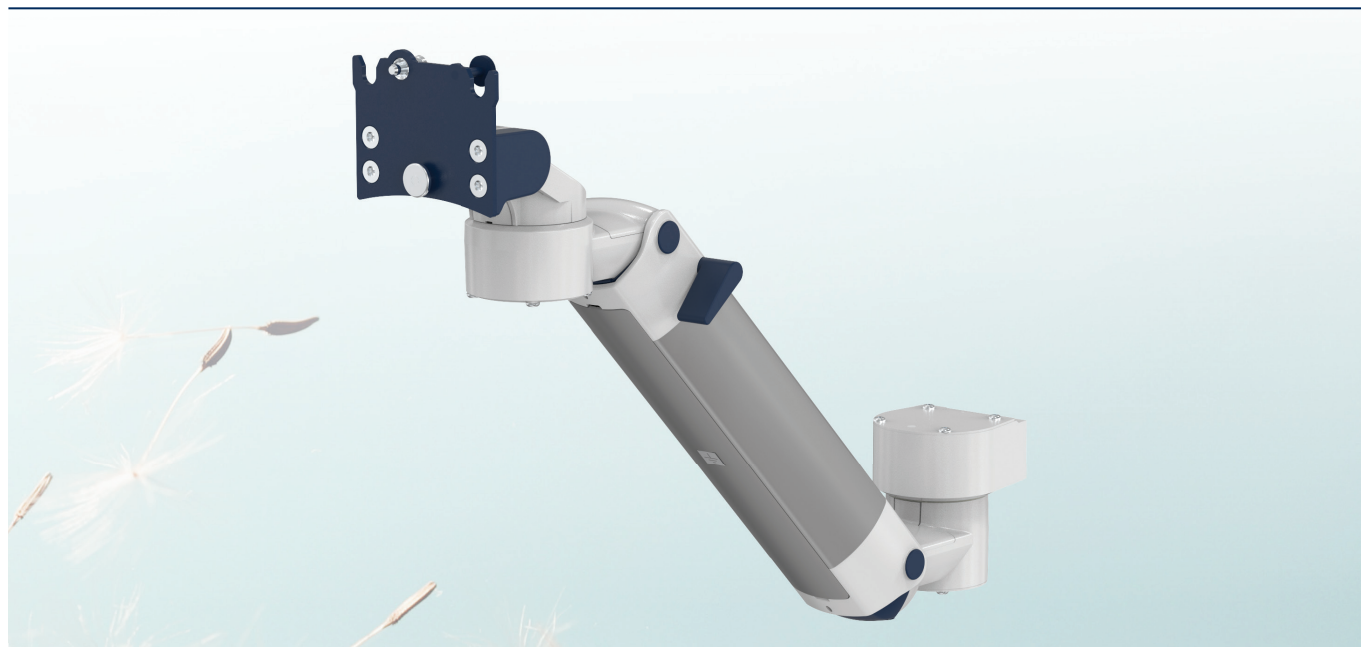
Top view





HIGH POSITION HEIGHT ADJUSTABLE ARM

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white
Max. load capacity support arm	22 kg/ 48.5 lbs
Max. load monitor adaptation	18 kg/ 39.7 lbs
Product weight	3.8 kg/ 8.4 lbs
Balancing range	800 N (3 - 8 kg/ 6.6 - 17.6 lbs); 950 N (5 - 11 kg/ 11 - 24.3 lbs); 1300 N (9 - 14 kg/ 19.8 - 30.9 lbs); 1750 N (13 - 18 kg/ 28.7 - 39.7 lbs); 2200 N (16 - 22 kg/ 35.3 - 48.5 lbs)
Part number	A-531Q-Y.CD_X VESA 75 A-531Q1-Y.CD_X VESA 75/ 100



Fixings

Y / details page 28



4U

Adapter for
vertical wall channel



3

Vertical
rail clamp



3DR
3TX

Dual vertical
rail clamp



1
1F
1C
1V

Fixed / universal
pole clamp



8
82

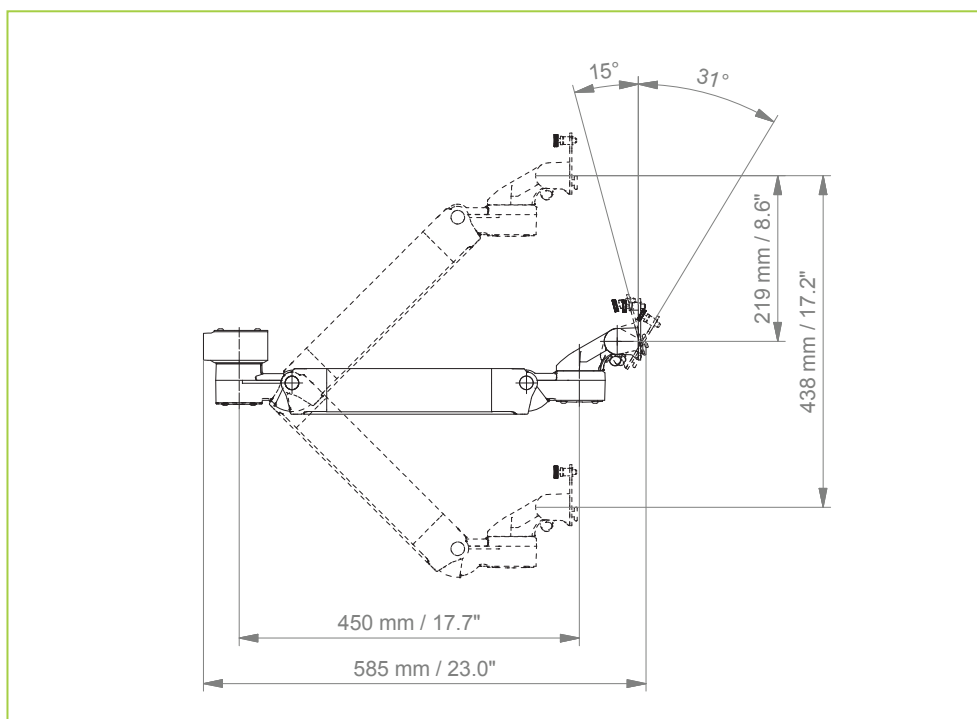
Lateral adapter
Trumpf



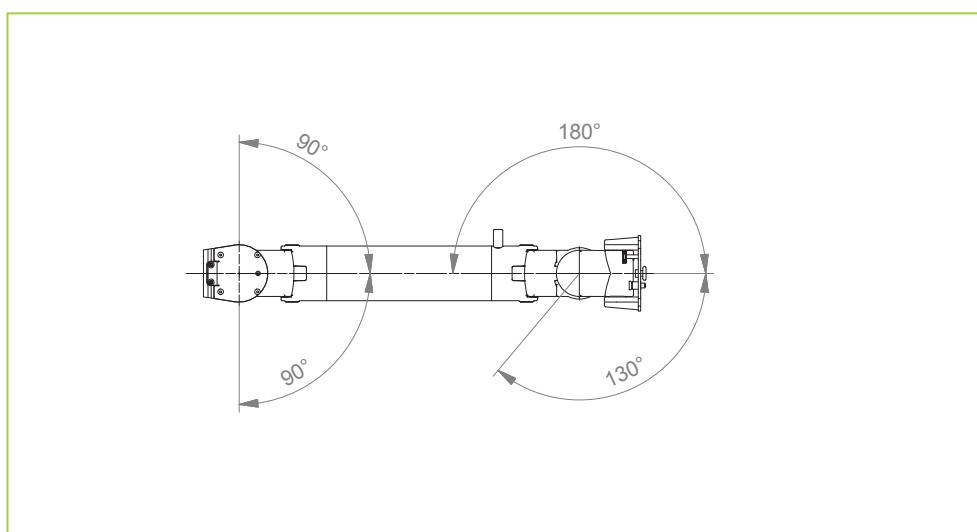
HIGH POSITION HEIGHT ADJUSTABLE ARM

Technical data

Side view



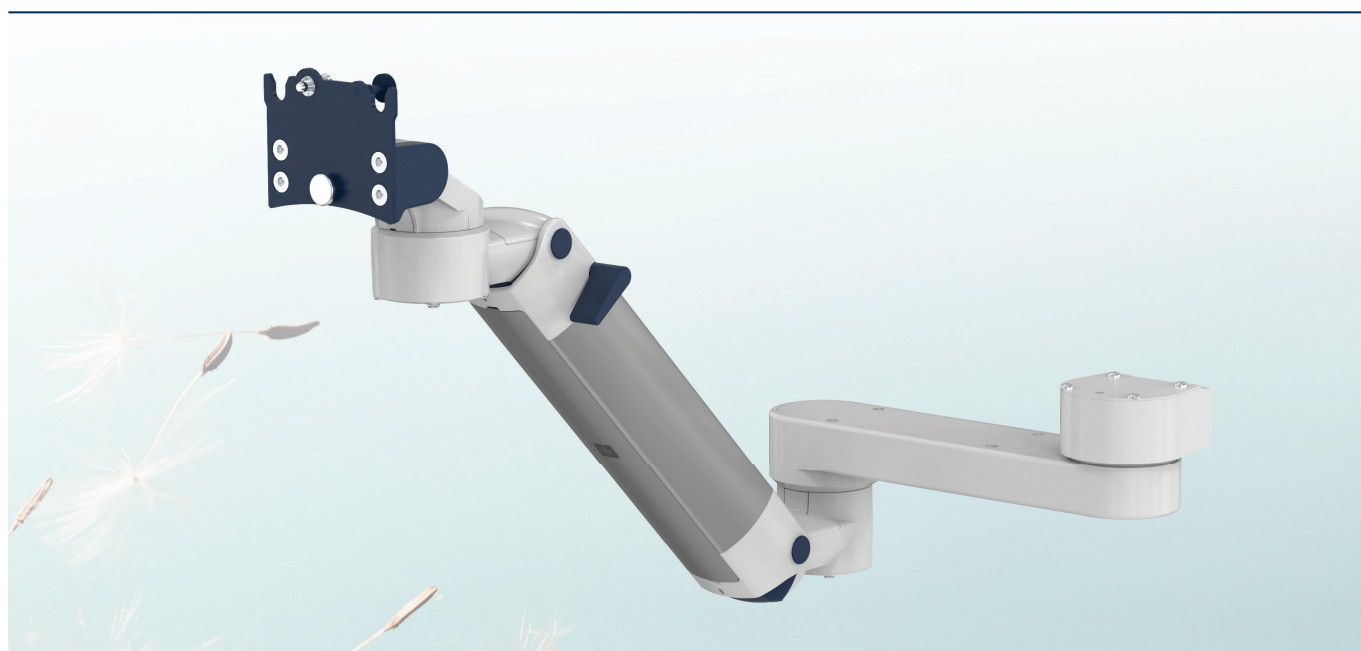
Top view





EXTENDED HIGH POSITION HEIGHT ADJUSTABLE ARM

Monitor adaption	VESA 75, VESA 75/ 100, Quick Release
Height adjustment	slow-flowing spring, parallel linkage for a constant viewing angle
Colours to choose	decorative parts: RAL 5013 blue / RAL 7024 dark grey aluminum parts: RAL 9016 pure white / RAL 9002 grey white
Max. load capacity support arm	22 kg/ 48.5 lbs
Max. load monitor adaptation	18 kg/ 39.7 lbs
Product weight	5.7 kg / 12.6 lbs
Balancing range	800 N (3 - 8 kg/ 6.6 - 17.6 lbs); 950 N (5 - 11 kg/ 11 - 24.3 lbs); 1300 N (9 - 14 kg/ 19.8 - 30.9 lbs); 1750 N (13 - 18 kg/ 28.7 - 39.7 lbs); 2200 N (16 - 22 kg/ 35.3 - 48.5 lbs)
Part number	A-83130Q-Y.CD_X VESA 75 A-83130Q1-Y.CD_X VESA 75/ 100



Fixings

Y / details page 28



4U

Adapter for
vertical wall channel



3

Vertical
rail clamp



3DR
3TX

Dual vertical
rail clamp



1
1F
1C
1V

Fixed / universal
pole clamp



8
82

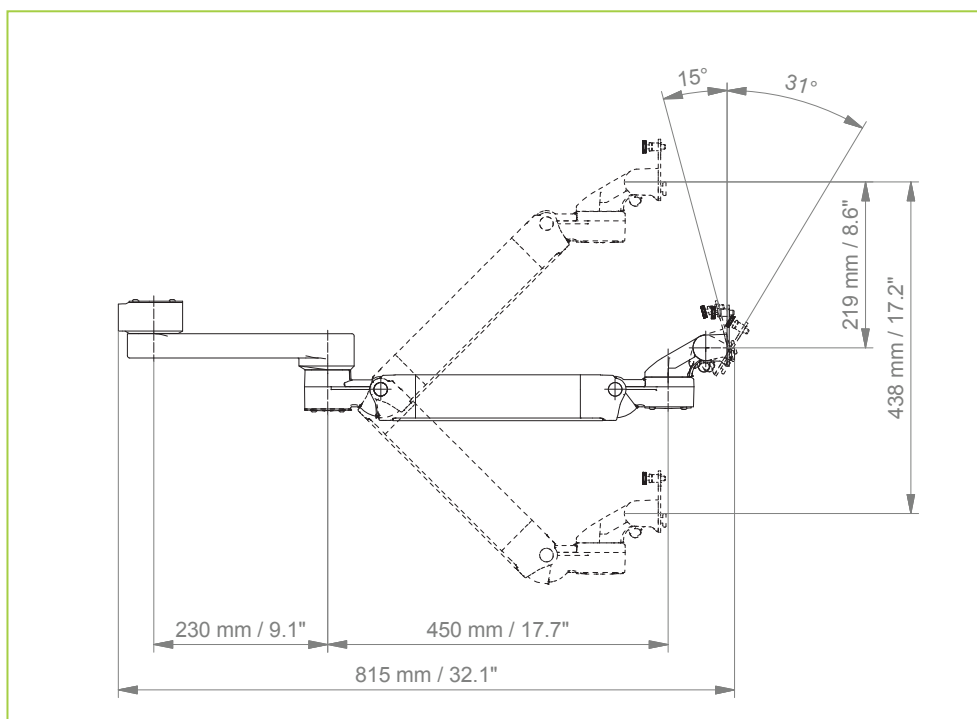
Lateral adapter
Trumpf



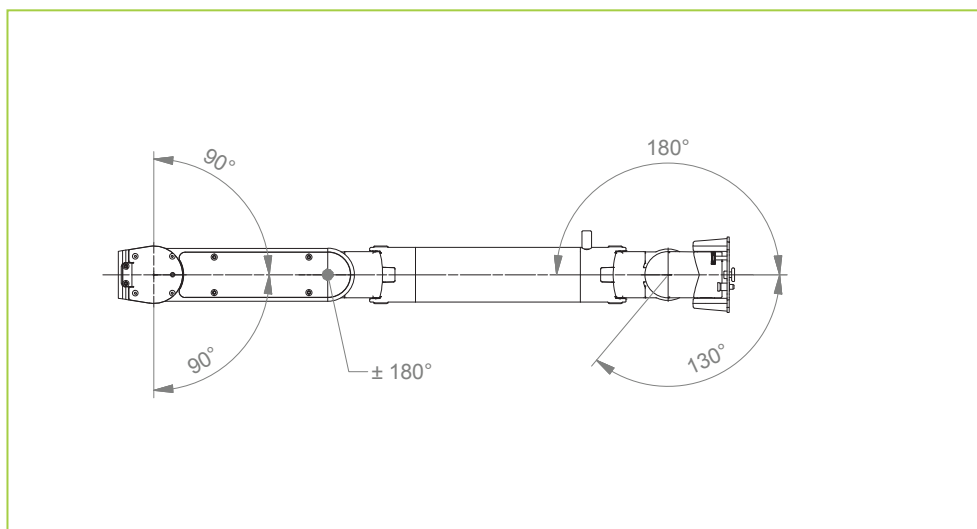
EXTENDED HIGH POSITION HEIGHT ADJUSTABLE ARM

Technical data

Side view



Top view





COUNTER TOP

Monitor adaption

Colours to choose

Max. load monitor adaptation

Part number

VESA 75, VESA 75/ 100, Quick Release

decorative parts: RAL 5013 blue / RAL 7024 dark grey

aluminum parts: RAL 9016 pure white / RAL 9002 grey white

18 kg/ 39.7 lbs

Counter top with base plate to mount to desk or even surfaces

VESA 75	VESA 75/ 100	Height
T-60Q.CD_22	T-60Q1.CD_22	220 mm/ 8.7"
T-60Q.CD_28	T-60Q1.CD_28	280 mm/ 11"
T-60Q.CD_34	T-60Q1.CD_34	340 mm/ 13.4"

Counter top free-standing (see illustration)

VESA 75	VESA 75/ 100	Height
T-61Q.CD_22	T-61Q1.CD_22	220 mm/ 8.7"
T-61Q.CD_28	T-61Q1.CD_28	280 mm/ 11"
T-61Q.CD_34	T-61Q1.CD_34	340 mm/ 13.4"

Counter top without base plate

VESA 75	VESA 75/ 100	Height
T-69Q.CD_22	T-69Q1.CD_22	220 mm/ 8.7"
T-69Q.CD_28	T-69Q1.CD_28	280 mm/ 11"
T-69Q.CD_34	T-69Q1.CD_34	340 mm/ 13.4"

All free-standing counter tops have to be tip-tested for stability depending on the weight of the monitor!

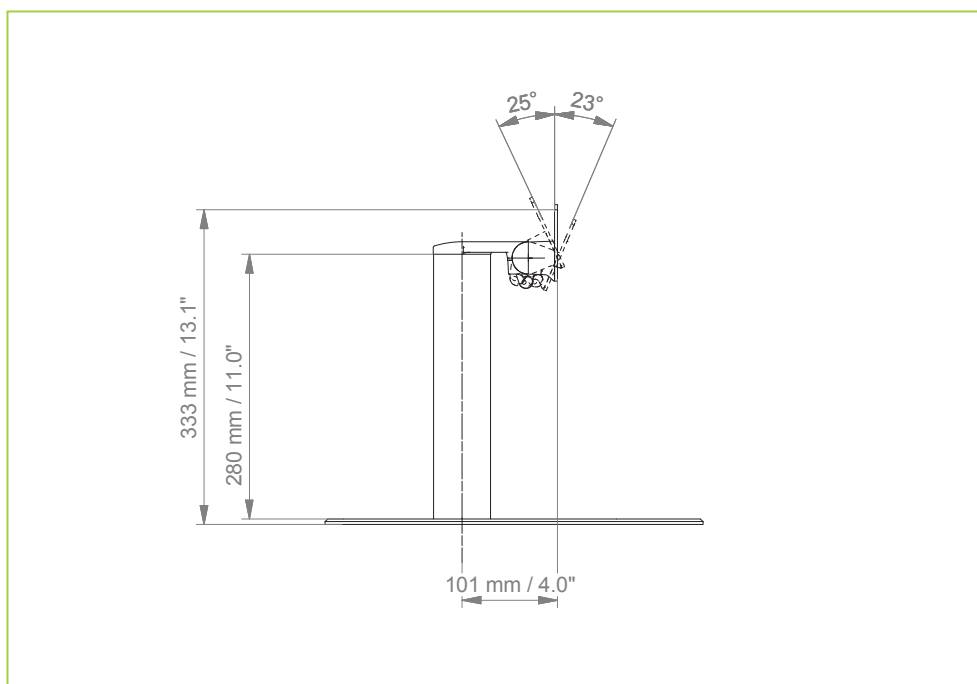




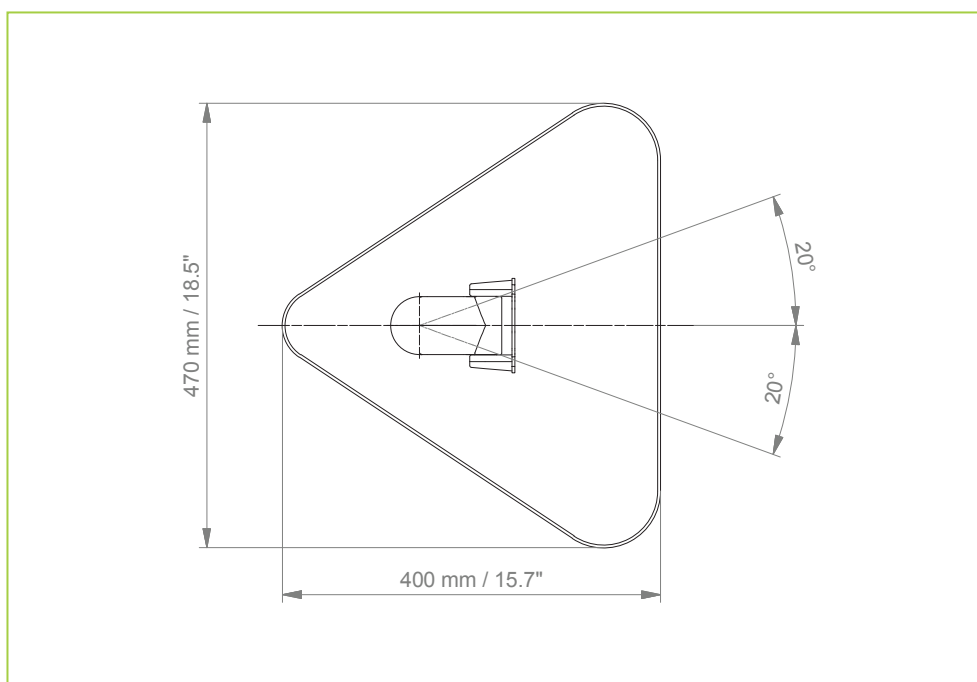
COUNTER TOP

Technical data – free-standing

Side view



Top view





COUNTER TOP FOR DEEP MONITORS

Monitor adaption

CL-Bracket, VESA 75, VESA 75/ 100, Quick Release

Colours to choose

decorative parts: RAL 5013 blue / RAL 7024 dark grey

aluminum parts: RAL 9016 pure white / RAL 9002 grey white

Max. load monitor adaptation

18 kg/ 39.7 lbs

Part number

Counter top with base plate to mount to desk or even surfaces (see illustration)

VESA 75

VESA 75/ 100

T-HKQ-60.CD_50

T-HKQ1-60.CD_50

Counter top free-standing

VESA 75

VESA 75/ 100

T-HKQ-62.CD_50

T-HKQ1-62.CD_50

All free-standing counter tops
have to be tip-tested for
stability depending on the
weight of the monitor!

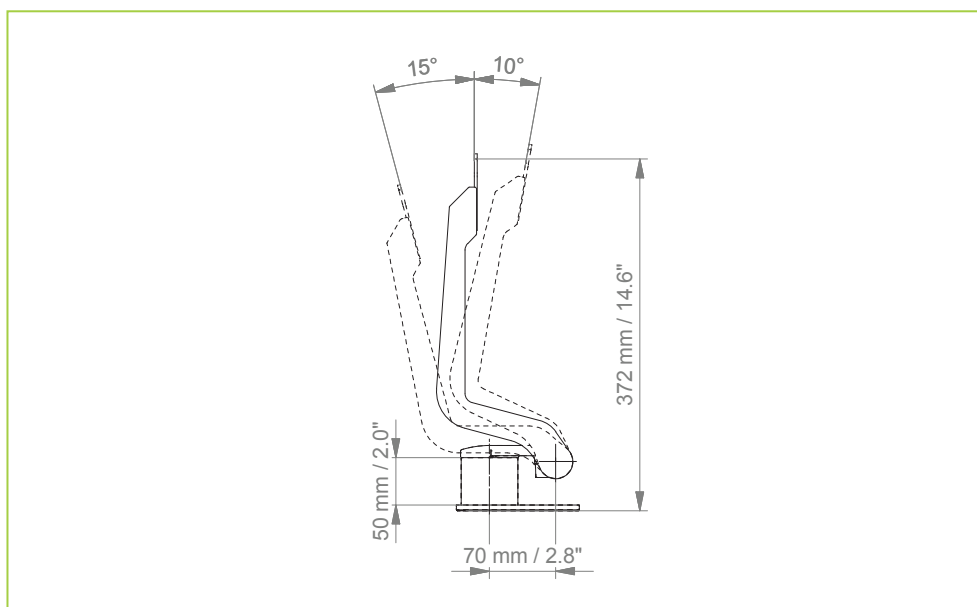




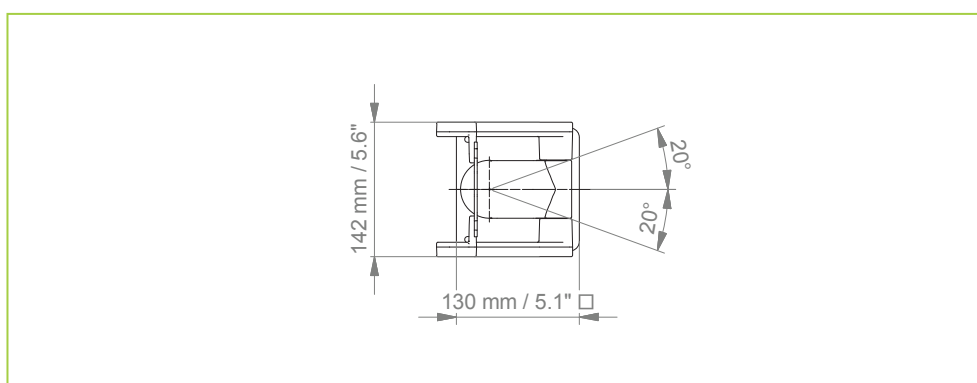
COUNTER TOP FOR DEEP MONITORS

Technical data – with base plate

Side view



Top view



CART LIGHT DUTY

- 5-star base aluminum base with counter weight
- double wheel castors, $\varnothing$ 100 mm/ 3.9", 2 lockable
- column to accept components and accessories on opposite sides
- monitor adaption: CL-Bracket, VESA 75, VESA 75/ 100, Quick Release
- colours to choose:
decorative parts: RAL 5013 blue / RAL 7024 dark grey
base: RAL 9016 pure white (part no. code 1) / RAL 5013 blue (part no. code 6)
- max. load monitor adaptation: 14 kg/ 30.9 lbs

Optional Accessories

- basket big 300 x 200 x 180 mm/ 11.8 x 7.9 x 7.1"
basket small 200 x 150 x 100 mm/ 7.9 x 5.9 x 3.9"
- handle

Part number	Cart VESA 75	R-002KQ.CD
	Cart VESA 75/ 100	R-002KQ1.CD
	Basket big	Z-51-4Z
	Basket small	Z-52-4Z
	Handle	Z-HD-4Z.e1

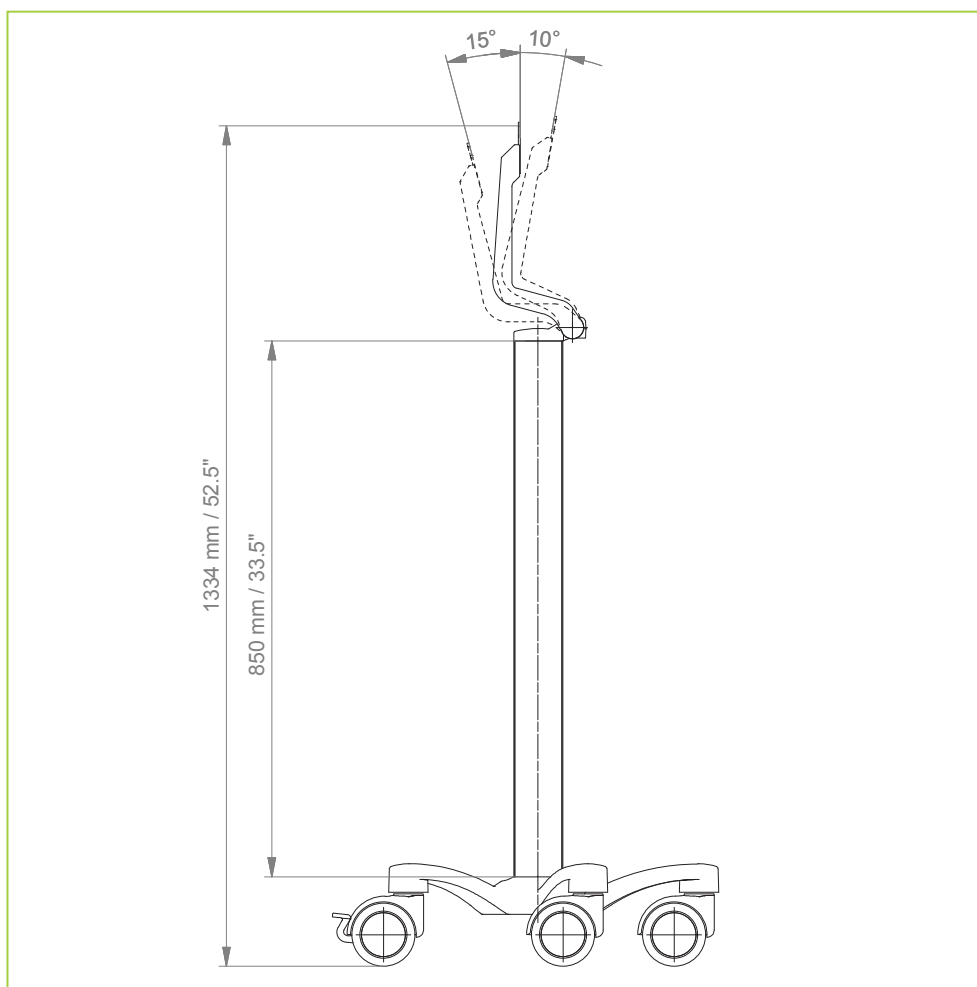




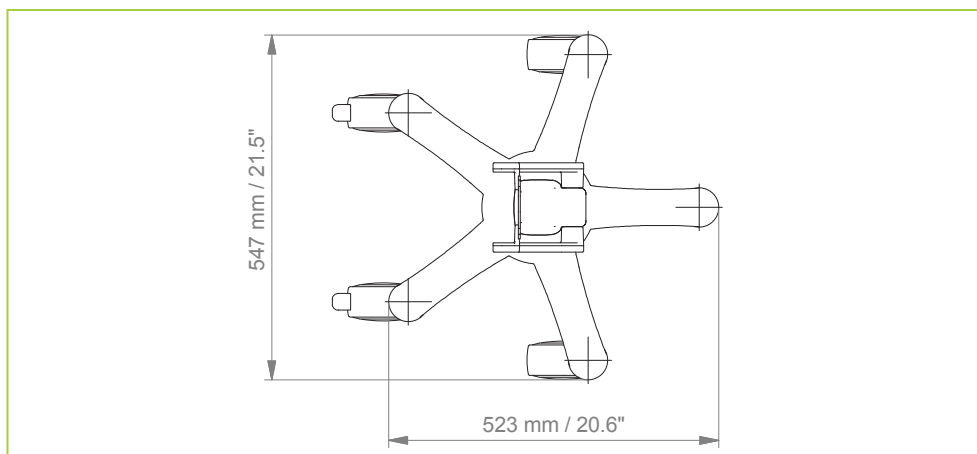
CART LIGHT DUTY

Technical data

Side view



Top view





FIXINGS

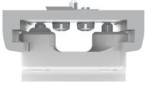


Illustration	Description	Notes	Part. no
	Adapter for vertical wall channel	To mount to CIM wall channel (compatible with GCX channel) For arms with high mounting positions Please order separately: CIM wall channel, see catalogue accessoires	4V 4U
	Fixed rail clamp	To mount to horizontal European rails 10 x 25, 10 x 30mm for all arms	2F
	Vertical rail clamp	To mount to vertical European rail 10 x 25 mm	3
	Dual vertical rail clamp	To mount to two parallel vertical European rails 10 x 25, 8 x 35, 10 x 30, 10 x 50 mm Distance between rails 150 mm/ 5.9", e.g. Dräger pendant Distance between rails 225 mm/ 8.9", e.g. Trilux pendant	3DR 3TX
	Fixed pole clamp	To mount to pole ø 25 mm/ 1.0" To mount to pole ø 35 mm/ 1.4" To mount to pole ø 38 mm/ 1.5"	1 1F 1C
	Universal pole clamp	V-block to mount to pole ø 23 - 40 mm/ 0.9 - 1.6"	1V
	Lateral adapter adapter	For Trumpf klinoPORT ceiling pendant For Trumpf klinoPORT frontal	8 82



FIXINGS FOR ANAESTHESIA MACHINES



Illustration	Description	Notes	Part. no
	Adapter for Maquet anaesthesia machines	Cone adapter for Maquet FLOW i	10
	Adapter for Heinen & Löwenstein anaesthesia machines	Adapter for Leon/ Leon plus	9
	Adapter for anaesthesia machines (all suppliers)	H 80 mm/ 3.1" With existing side channel	4U
If your anaesthesia machine does not have a side channel already mounted to the machine, please order the following in addition to 4U:			
	Adapter for Dräger 	Dräger Primus/ Julian/ Cato/ Fabius GS/ Zeus side channel adapter L 127 mm/ 5" side channel adapter L 320 mm/ 12.6"	DR-J01 DR-J02
	Adapter for GE 	GE Avance/ Aespire/ Aestiva side channel adapter L 200 mm/ 7.9"	DX-AES-01
	Adapter for Maquet 	Maquet Flow i side channel adapter L 127 mm/ 5" side channel adapter L 320 mm/ 12.6"	MQ-01 MQ-02



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