

Ideen leben



Always a little more flexible:

hawa Pendant Arm Systems, Lift Systems and Control Enclosures





Is there actually an efficient solution in the pendant arm system program that complies with our requirements?

The best solutions for human-machine interfaces are not created at the assembly line but while talking with you.

Angela Merola, Sales Director Export

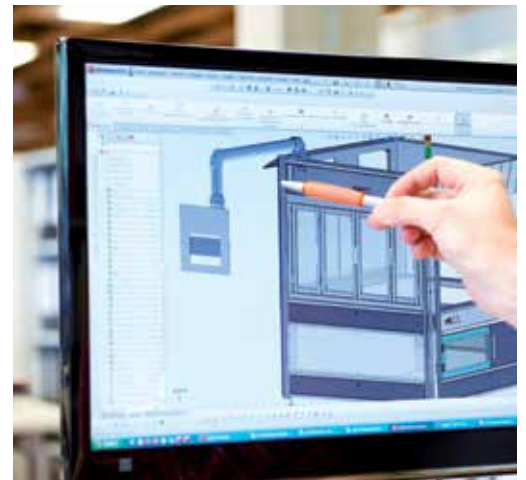
As your personal häwa consultant, I'm always there for you - and I'm looking forward to your individual requirements.





Our customers always place high demands on pendant arm systems. Sometimes bigger and sometimes smaller - but very often requirements are quite different from standard.

These individual requirements are always the focus when you call häwa. We are convinced if we combine your experience and particular specifications with our experience over numerous projects the optimum solution can be achieved.



All customized solutions are based on our **pendant arm systems** which have been proven in thousands of applications. Our standard range of pendant arms with its ergonomic design and impressive function, its stability and very high load carrying capacity as well as its high flexibility, offers numerous application possibilities. On that basis, we, as full-service provider for control enclosures and pendant arm systems, firmly believe working together is the best method to being an asset to you, our customers.

Everything from a simple adjustment for better usage of enclosure space to ergonomically designed interfaces with design and functionality going perfectly hand in hand. We will do our very best to fulfill your and/or your customers' wishes if possible. **We are not here to just sell you our products, we are here to do all we can to make your final product even better if we can.**

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häwa Lift Systems

häwa lift systems with internal cable duct, continuously adjustable lifting height and load capacity ranges up to 60 kg offer an unlimited array of standard and customized possibilities to meet your specific requirements.

häwa Customer Standard

Different load carrying capacities, colors or customized design?
Not a problem, we do it every day, just contact us!

info@haewa.com

Examples:

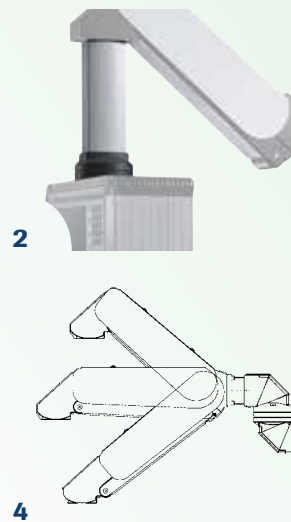


1 Rigid:

- Load carrying capacity up to 60 kg

3 Appealing:

- The internal cable duct with a cable passage of up to 40 mm diameter offers a compact and visually appealing machine-human interface



2 Flexible:

- The HMA I-lift system offers individual configuration possibilities

4 Functional:

- Continuously adjustable lifting height with a stroke up to 1 m

Mounting options,
see page 54

Configuration examples:

- HMA I-Lift 48
- HMA I-040 Round tube
- HMA I-080 Swivel tilt joint



- HMA I-080 Aluminium profile
- HMA I-080 Intermediate joint
- HMA I-080 Lift S
- HMA I-080 Profile tube
- HMA I-080 Joint
- HMA I-080 Control Enclosure Touch



- HMA I-Lift L
- HMA I-080 Profile tube
- HMA I-080 Joint
- HLG Control Enclosure Touch





häwa

HMA I-Lift 48

- Continuously adjustable stroke limiter
- Variable swivel range up to 300°
- Max. cable passage: 25 x 19 mm
- Can be combined with HMA I-components and tubes



Advice from one of our häwa consultants:

You will find your häwa consultant in your vicinity under www.haewa.de/unternehmen/ihr-persoenerlicher-ansprech-partner by entering your postal code.



53

Product Description

Continuously adjustable suspension arm with internal cable duct with DVI connector

- Vertical swing angle +/-40° with continuously adjustable stroke limiter to +/-0°
- Fine adjustment of the load carrying capacity range by means of an adjusting screw
- Restraint-guided load suspension at the head joint
- Option: Automatic locking of the vertical movement in each position over the entire stroke

Scope of Delivery

- HMA I-lift 48 complete with swivel joint and mounting hardware

Technical Data

- Cable passage: max. 25 x 19 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments
- Surface finish:
Cover: RAL 7035;
Bearing: RAL 7016

Note

- Part list, see page 52/53
- Mounting options from page 54

Stroke upwards/ downwards	Extension arm length	Load carrying capacity	Weight	Order No.
mm	mm	kg	kg	
210/210	500	1.5 – 31	10.9	7595-748x-2x-01
320/300	650	1.5 – 22	12.1	7595-748x-3x-01
420/400	800	1.5 – 21	13.3	7595-748x-4x-01
500/500	950	1.5 – 17.8	14.6	7595-748x-5x-01

Ordering Example

This will help you to find the correct order number:

- Choose your design:
1 = Standard hanging
3 = Standard hanging; stroke limiter
e.g.: for standard hanging:
7595-7481-xx-01
- Choose your required load capacity range:
e.g.: for load capacity range 2 = 6,0 – 8,5 kg for extension arm length 500:
7595-7481-x2-01

- Choose the extension arm length:
2 = 500 mm
3 = 650 mm
4 = 800 mm
5 = 950 mm
e.g.: for extension arm length 500:
7595-7481-22-01

Load capacity range	Ext. arm length 500 7595-748x-2x-01	Ext. arm length 650 7595-748x-3x-01	Ext. arm length 800 7595-748x-4x-01	Ext. arm length 950 7595-748x-5x-01
1	1.5 – 3.5 kg	1.5 – 3.0 kg	1.5 – 2.3 kg	1.5 – 2.0 kg
2	6.0 – 8.5 kg	3.0 – 7.0 kg	1.6 – 5.1 kg	1.5 – 3.8 kg
3	8.0 – 12.0 kg	6.0 – 10.0 kg	3.5 – 7.5 kg	4.8 – 6.8 kg
4	13.0 – 17.0 kg	10.0 – 14.0 kg	6.3 – 10.3 kg	5.6 – 9.6 kg
5	17.0 – 21.0 kg	13.0 – 17.0 kg	9.1 – 13.1 kg	7.6 – 11.6 kg
6	20.0 – 26.0 kg	16.0 – 22.0 kg	10.8 – 16.8 kg	10.0 – 15.0 kg
7	26.0 – 31.0 kg	-	16.1 – 21.1 kg	15.8 – 17.8 kg



häwa HMA I-Lift S

- Continuously adjustable stroke limiter
- Max. cable passage: 40 x 19 mm
- Can be combined with HMA I-components and HMA I-080 profile tubes

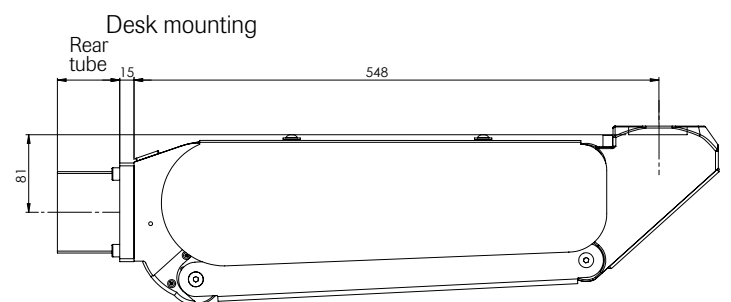
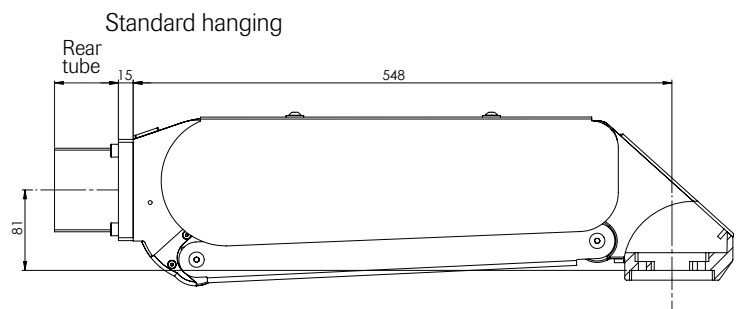


Advice from one of our häwa consultants:

On our website you can comfortably collect product-related downloads on a notepad and download them later as a zip-file.



51



Product Description

Continuously adjustable suspension arm with internal cable duct for control enclosures

- Stroke limiter adjustable upwards in three increments: 0°, 20° and 40° and downwards continuously adjustable
- Fine adjustment of the load carrying capacity range by means of an adjusting screw
- Restraint-guided load suspension at the head joint
- Option: Automatic locking of the vertical movement in each position over the entire stroke

Scope of Delivery

- HMA I-lift S complete with mounting hardware

Technical Data

- Technical drawings are available on www.haewa.com
- Cable passage: max. 40 x 19 mm
- Surface finish:
Cover: RAL 7035;
Bearing: RAL 7016

Note

- Part list, see page 52/53
- Mounting options from page 54

Stroke upwards/ downwards	Extension arm length	Load carrying capacity	Weight	Order No.
mm	mm	kg	kg	
260/250	548	5 – 60	13	7595-760x-xx-01

Ordering Example

This will help you to find the correct order number:

- Choose your design:
 - 1 = Standard hanging
 - 2 = Desk mounting
 - 3 = Standard hanging; stroke limiter
 - 4 = Desk mounting; stroke limiter
 e.g.: for standard hanging:
7595-7601-xx-01
- Choose your required load capacity range:
 - e.g.: for load capacity range 1 = 5 – 10 kg:
7595-7601-x1-01
- Choose the lift connection tube length
 - 1 = 65 mm standard
 - 2 = 100 mm
 - 3 = 200 mm
 - 4 = 300 mm
 - 5 = 400 mm
 - 6 = 500 mm
 e.g.: with rear tube 65 mm:
7595-7601-11-01

Load capacity range	Weight	Max. system length without intermediate joint	Max. system length with intermediate joint
1	5 – 10 kg	2000 mm	2000 mm
2	7 – 13 kg	2000 mm	2000 mm
3	13 – 21 kg	2000 mm	2000 mm
4	18 – 28 kg	2000 mm	1800 mm
5	26 – 37 kg	1700 mm	1500 mm
6	36 – 52 kg	1300 mm	1100 mm
7	45 – 60 kg	1150 mm	1000 mm



häwa HMA I-Lift L

- Continuously adjustable stroke limiter
- Max. cable passage: 40 x 19 mm
- Can be combined with HMA I-080 components and HMA I-080 profile tubes

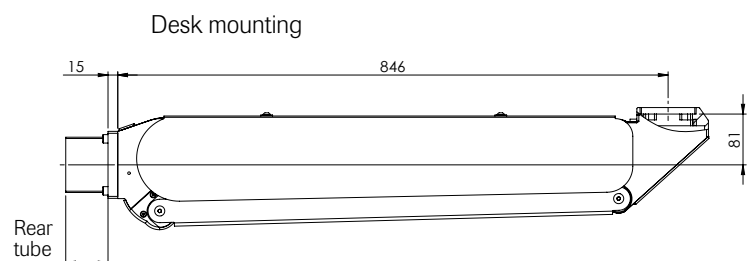
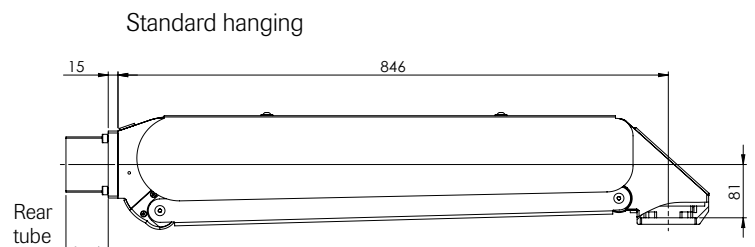


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**Advice from one of our
häwa consultants:**

At www.haewa.com you simply find your lift by filling in the order number under search.



Product Description

Continuously adjustable suspension arm with internal cable duct for control enclosures

- Stroke limiter upwards and downwards continuously adjustable
- Fine adjustment of the load carrying capacity range by means of an adjusting screw
- Restraint-guided load suspension at the head joint
- Option: Automatic locking of the vertical movement in each position over the entire stroke

Scope of Delivery

- HMA I-lift L complete with mounting hardware

Technical Data

- Technical drawings are available on www.haewa.com
- Cable passage: max. 40 x 19 mm
- Surface finish:
Cover: RAL 7035;
Bearing: RAL 7016

Note

- Part list, see page 52/53
- Mounting options from page 54

Stroke upwards/ downwards	Extension arm length	Load carrying capacity	Weight	Order No.
mm	mm	kg	kg	
450/440	846	5 – 60	15	7595-768x-xx-01

Ordering Example

This will help you to find the correct order number:

- Choose your design:
 - 1 = Standard hanging
 - 2 = Desk mounting
 - 3 = Standard hanging; stroke limiter
 - 4 = Desk mounting; stroke limiter
 z.B. for standard hanging:
7595-7681-xx-01
- Choose your required load capacity range:
e.g.: for load capacity range 1 = 5 – 10 kg:
7595-7601-x1-01

- Choose the lift connection tube length
 - 1 = 65 mm standard
 - 2 = 100 mm
 - 3 = 200 mm
 - 4 = 300 mm
 - 5 = 400 mm
 - 6 = 500 mm
 e.g. with rear tube 65 mm:
7595-7601-11-01

Load capacity range	Weight	Max. system length without intermediate joint	Max. system length with intermediate joint
1	5 – 10 kg	2000 mm	2000 mm
2	7 – 13 kg	2000 mm	2000 mm
3	13 – 21 kg	2000 mm	2000 mm
4	18 – 28 kg	1900 mm	1650 mm
5	26 – 37 kg	1600 mm	1400 mm
6	36 – 52 kg	1200 mm	1050 mm
7	45 – 60 kg	1000 mm	950 mm



häwa Pendant Arm Systems

häwa pendant arm systems with profile tubes which can be cut to any length and with continuous load-dependent inclination adjustment, a vast variety of components with swivel ranges up to 340° and high load capacity ranges offer an unlimited array of standard and customized possibilities to meet your specific requirements.

häwa Customer Standard

Different load carrying capacities, colors or customized design? Not a problem, we do it every day, just contact us!

info@haewa.com

Examples:



1



3

1 Robust:

- High load carrying capacity with or without intermediate joints

3 Functional:

- Profile tubes which can be cut to any required length with load-dependent inclination adjustment up to 4° by means of an adjusting screw



2

4

2 Flexible:

- The vast variety of components guarantees optimum configuration possibilities

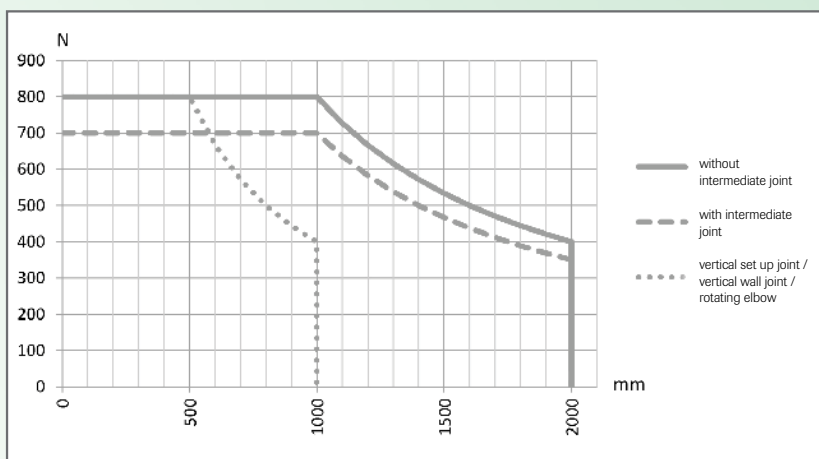
4 Easy Assembly:

- Components with removable lids for easy cable routing and tube mounting ensure an easy assembly of the häwa pendant arm system

Mounting options,
from page 54



The load carrying capacity of the system is dependent on the horizontal length of the profile tube. All vertical outlets (see mounting options) as well as the weight of the installed cables over the entire pendant arm system (horizontal, vertical) must be considered in the load carrying capacity.





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HMA I-080 Foot Joint/Wall Flange

- Cable passage: 55 x 43 mm



1

Product Description

Foot joint/wall flange for connecting of a HMA I-080 profile tube to vertical or horizontal surfaces.

- Ceiling mounting is possible
- Connection to a HMA I-profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Foot joint/wall flange complete with seals, mounting hardware and accessories for inclination adjustment

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Material: die-cast aluminum
- Surface finish: RAL 7016
- Weight: 0.6 kg

Order No.

7595-7401-06-01

häwa HMA I-040 Base Flange 48

- Cable passage: Ø 48 mm



24

Product Description

Base flange for connecting of a HMA I-040 round tube with horizontal surfaces

- Vertical alignment is possible by using an adjusting screw

Scope of Delivery

- Base flange complete

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: Ø 48 mm
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.8 kg

Order No.

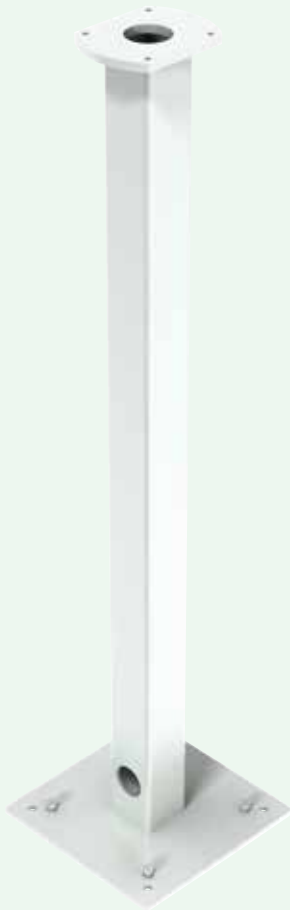
7595-7401-26-01



häwa

HMA I-080 Pillar

- Cable passage: at top and bottom \varnothing 60 mm, lateral \varnothing 50 mm



25

Product Description

Resistant pillar for rigid mounting of pendant arm systems on floor and ceiling

- With lateral cable outlet
- Length up to 2,200 mm; in 50 mm increments, each length available upon request

Scope of Delivery

- Pillar complete

Note

- Part list, see page 52 / 53
- Mounting options from page 54
- Attention: Please contact your häwa consultant for technical advice.

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: at top and bottom \varnothing 60 mm, lateral \varnothing 50 mm
- Material: Sheet steel
- Surface finish: RAL 7035

Order No.

7595-7450-12-xxxx

häwa HMA I-080 Wall Joint

- Variable swivel range up to 300°
- Cable passage: 55 x 43 mm



Product Description

Wall joint for horizontal swiveling of the pendant arm

- Overhead mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Connection to a HMA I-080 profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Wall joint complete with seals, mounting hardware and accessories for inclination adjustment

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments. Factory-set 90° / 90°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 4.1 kg

Accessoires [▶ page 43](#)

- HLT Light adapter

Order No.

7595-7401-02-01



häwa

HMA I-080 Vertical Wall Joint

- Variable swivel range up to 300°
- Cable passage: 55 x 43 mm



28

Product Description

Wall joint for vertical swiveling of the pendant arm

- Overhead mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube

Scope of Delivery

- Vertical wall joint complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments.
Factory-set 150°/150°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 2.9 kg

Accessoires ▶ page 43

- HLT Light adapter

Order No.

7595-7401-02-02

häwa HMA I-080 Set-Up Joint

- Variable swivel range up to 300°
- Cable passage: 55 x 43 mm



Product Description

Set-up joint for horizontal swiveling of the pendant arm

- Ceiling mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Connection to a HMA I-080 profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Set-up joint complete with seals, mounting hardware and accessories for inclination adjustment

Note

- Part list, see page 54/55
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments.
Factory-set 150°/150°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 3.2 kg

Accessoires › page 43

- HLT light adapter

Order No.

7595-7401-01-01



häwa

HMA I-080

Vertical Set-Up Joint

- Variable swivel range up to 300°
- Cable passage: 55 x 43 mm



27

Product Description

Set-up joint for vertical swiveling of the pendant arm

- Ceiling mounting is possible

Scope of Delivery

- Vertical set-up joint complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments.
Factory-set 150°/150°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 2.2 kg

Order No.

7595-7401-01-02

häwa HMA I-080 Set-Up Swivel Joint

- Variable swivel range up to 300°
- Cable passage: 55 x 43 mm



Product Description

Set-up swivel joint for horizontal swiveling of the pendant arm

- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube

Scope of Delivery

- Set-up swivel joint complete with seals, mounting hardware and accessories for inclination adjustment

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to machines or walls
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments.
Factory-set 150°/150°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 5.3 kg

Order No.

7595-7401-60-01



häwa HMA I-080 Rotating Elbow

- Variable swivel range up to 300°
- Cable passage: 38 x 55 mm



4

Product Description

Rotating elbow for connecting a horizontal and a vertical HMA I-080 profile tube

- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Connection to a HMA I-080 profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Rotating elbow complete with seals, mounting hardware and accessories for inclination adjustment

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: between 2 tubes
- Protection class: according to IP54
- Cable passage: 38 x 55 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments
Factory-set: 150°/150°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 2.8 kg

Accessories › page 43

- HLT light adapter

Order No.

7595-7401-25-01

häwa HMA I-080 Intermediate Joint

- Variable swivel range up to 300°
- Cable passage: 55 x 43 mm



Product Description

Intermediate joint for connecting two HMA I-080 profile tubes and for horizontal swiveling of the pendant arm

- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Connection to a HMA I-080 profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Intermediate joint complete with seals, mounting hardware and accessories for inclination adjustment

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: between 2 tubes
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 300°
- Swivel range limiter: in 30° increments
Factory-set: 150°/150°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 4.9 kg

Accessories › page 43

- HLT light adapter

Order No.

7595-7401-03-01



häwa

HMA I-080 Elbow

- Cable passage: 55 x 43 mm



6

Product Description

Elbow for connecting a horizontal and a vertical HMA I-080 profile tube

- 90° angle (rigid)
- Overhead mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube

Scope of Delivery

- Elbow complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: between 2 tubes
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1.4 kg

Accessories [▶ page 43](#)

- HMA I-080 light adapter

Order No.

7595-7401-04-01

häwa HMA I-040 Elbow Adapter 48

- Cable passage: Ø 48 mm



Product Description

For connecting a horizontal HMA I-080 profile tube with a vertical HMA I-040 round tube

- 90° angle (rigid)
- Overhead mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Drop protection by means of a screw M5

Scope of Delivery

- Elbow adapter 48 complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: between 2 tubes
- Protection class: according to IP54
- Cable passage: Ø 48 mm
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.8 kg

Accessories › page 44

- HLT Light adapter 48

Order No.

7595-7401-16-01



häwa

HMA I-080

Elbow Joint

- Variable swivel range up to 340°
- Cable passage: 55 x 43 mm



8

Product Description

Elbow joint for connecting a horizontal HMA I-080 profile tube to an enclosure

- Overhead mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Connection to a HMA I-080 profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Elbow joint complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 340°
- Swivel range limiter: adjustable to 90° / 90°.
Factory-set: 170° / 170°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 2.4 kg

Accessories ▶ from page 38

- HLT light adapter
- HLT adjustable inclination adapter
- HLT adjustable narrow flange inclination adapter
- HLT inclination adapter 10°
- HLT narrow flange inclination adapter 10°
- HLT cable protection plate

Order No.

7595-7401-08-01

häwa HMA I-080 Narrow Flange Elbow Joint

- Variable swivel range up to 340°
- Cable passage: 55 x 43 mm



9

Product Description

Narrow flange elbow joint for connecting a horizontal HMA I-080 profile tube to an enclosure with low depth

- Overhead mounting is possible
- Detachable lid for easy cable routing and mounting of a HMA I-080 profile tube
- Connection to a HMA I-080 profile tube is strain-relieved and torsion-resistant

Scope of Delivery

- Narrow flange elbow joint complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 340°
- Swivel range limiter: adjustable to 90° / 90°.
Factory-set 170° / 170°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 2.8 kg

Accessories ▶ from page 42

- HLT light adapter
- HLT enclosure adapter VESA

Order No.

7595-7401-09-01



häwa

HMA I-080 Joint

- Variable swivel range up to 340°
- Cable passage: 55 x 43 mm



10

Product Description

Joint for connecting a vertical HMA I-080 profile tube to an enclosure

- Overhead mounting is possible

Scope of Delivery

- Joint complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 340°
- Swivel range limiter: adjustable to 90° / 90°
Factory-set: 170° / 170°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1.5 kg

Accessories ▶ from page 38

- HLT adjustable inclination adapter
- HLT adjustable narrow flange inclination adapter
- HLT inclination adapter 10°
- HLT narrow flange inclination adapter 10°
- HLT cable protection plate

Order No.

7595-7401-05-01

häwa HMA I-080 Narrow Flange Joint

- Variable swivel range up to 340°
- Cable passage: 55 x 43 mm



11

Product Description

Narrow flange joint for connecting a vertical HMA I-080 profile tube to an enclosure with low depth

- Overhead mounting is possible

Scope of Delivery

- Narrow flange joint complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 340°
- Swivel range limiter: adjustable to 90° / 90°.
Factory-set: to 170° / 170°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1.9 kg

Accessories ▶ page 42

- HLT enclosure adapter VESA

Order No.

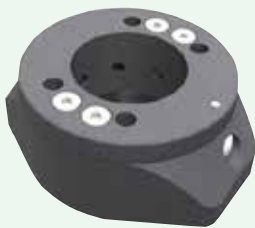
7595-7401-07-01



häwa

HMA I-080 Narrow Flange Compact Joint

- Low height: 47 mm
- Variable swivel range up to 330°
- Cable passage: 55 x 43 mm



23

Product Description

Narrow flange compact joint for connecting a vertical HMA I-080 profile tube to an enclosure with low depth

- Overhead mounting is possible
- Can be used where space is at a premium

Scope of Delivery

- Narrow flange compact joint complete with mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Swivel range: max. 330°
- Swivel range limiter: in 45° increments
Factory-set 165° / 120°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1.1 kg

Order No.

7595-7401-14-01

häwa HMA I-040 Joint

- Swivel range: 250°
- Cable passage: Ø 48 mm



12

Product Description

For connecting a vertical HMA I-040 round tube 48 to an enclosure

- Overhead mounting is possible

Scope of Delivery

- Joint 48 complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Protection class: according to IP54
- Cable passage: Ø 48 mm
- Swivel range: 250°
- Swivel range limiter: none
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.7 kg

Order No.

7595-7401-17-01



häwa

HMA I-040 Swivel-Tilt Joint VESA 100

- Swivel range 330°
- Vertical swivel range: 22,5°
- Cable passage 40 x 31 mm



13

Product Description

Component for connecting monitors to HMA I-040 round tubes

- Connection to VESA 100
- Detachable lid for easy cable routing

Scope of Delivery

- Swivel-tilt joint complete with seal and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Position: for connection to enclosures
- Cable passage: 40 x 31 mm
- Swivel range: 330°
- Swivel range limiter: none
- Vertical swivel range: 25°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1.4 kg

Order No.

7595-7404-22-01

häwa HMA I-080 Rotofix

- Variable swivel range up to 330°
- Cable passage: Ø 60 mm



Product Description

Rotofix for direct attachment assembly

Scope of Delivery

- Rotofix complete with seals and mounting hardware

Technical Data

- Technical drawings are available on www.haewa.com
- Position: direct attachment assembly
- Protection class: according to IP54
- Cable passage: Ø 60 mm
- Swivel range: max. 330°
- Swivel range limiter: adjustable to 90° / 90°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 2 kg

Accessories › page 38

- HLT inclination adapter 10°

Order No.

7595-7401-21-01



häwa HMA I-080 Profile Tubes

- Can be cut to any required length
- Load-dependent inclination adjustment
- Cable passage: 55 x 43 mm



18

Product Description

HMA I-080 profile tube for horizontal and vertical assembly

- Load-dependent inclination adjustment up to 4° by means of adjustment screws

Scope of Delivery

- HMA I-080 profile tube without mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54
- For a pendant arm system with an intermediate joint, the length of the individual profiles are variable up to max. 1500 mm.
- The total length of all horizontal profiles must not exceed 2000 mm.

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: 55 x 43 mm
- Material: extruded aluminum profiles
- Surface finish: RAL 7035

Length	Weight	Order No.
mm	kg	
250	1.5	7595-7401-30-0250
500	3	7595-7401-30-0500
1000	6	7595-7401-30-1000
1500	9	7595-7401-30-1500
2000	12	7595-7401-30-2000

häwa HMA I-040 Round Tubes

- Can be cut to any required length
- Cable passage: Ø 40 mm



19

Product Description

HMA I-040 round tubes for vertical assembly

Scope of Delivery

- HMA I-040 round tube without mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: Ø 40 mm
- Material: extruded aluminum profiles
- Surface finish: RAL 7035

Length	Weight	Order No.
mm	kg	
250	1.1	7595-7401-40-0250
500	2.2	7595-7401-40-0500
750	3.3	7595-7401-40-0750
1500	6.6	7595-7401-40-1500



häwa HMA I-080 Inclination Adapter 10°

- Cable passage: Ø 60 mm



14

Product Description

Inclination adapter 10° for fixed connection of enclosures, joints or elbow joints

- 10° inclination

Scope of Delivery

- Inclination adapter 10° complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: Ø 60 mm
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.3 kg

Order No.

7595-7401-10-01

häwa HMA I-080 Narrow Flange Inclination Adapter 10°

- Cable passage: 57 x 60 mm



15

Product Description

Narrow flange inclination adapter 10° for fixed connection of enclosures with low depth, joints or elbow joints

- 10° inclination

Scope of Delivery

- Narrow flange inclination adapter 10° complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: 57 x 60 mm
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.5 kg

Accessories › page 42

- HLT enclosure adapter VESA

Order No.

7595-7401-11-01



häwa

HMA I-080 Adjustable Inclination Adapter

- Vertical tilt range: 30°
- Cable passage: Ø 65 mm



16

Product Description

Inclination adapter for connecting enclosures and joints

- Inclination adjustment in 8° increments

Scope of Delivery

- Inclination adapter with mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: Ø 65 mm
- Vertical tilt range: 30°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 3.3 kg

Order No.

7595-7401-19-01

häwa HMA I-080 Adjustable Narrow Flange Inclination Adapter

- Vertical tilt range: 32°
- Cable passage: 32 x 60 mm



26

Product Description

Inclination adapter for connecting enclosures and joints

- Inclination adjustment in 8° increments

Scope of Delivery

- Inclination adapter complete

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: 32 x 60 mm
- Vertical swivel range: 32°
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1 kg

Order No.

7595-7401-18-01



häwa HMA I-080 Enclosure Adapter VESA

- Cable passage: 50 x 75 mm / 75 x 75 mm



17

Product Description

- Connection according to VESA 75
- Detachable lid for easy cable routing

Scope of Delivery

- Enclosure adapter VESA complete with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Cable passage: 50 x 75 mm / 75 x 75 mm
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 1.2 kg

Accessories ▶ page 45

- VESA 100 adapter plate

Order No.

7595-7401-12-01

häwa HMA I-080 Light Adapter



20

Product Description

Light adapter for rigid fixing of signal lights

- Connecting tube: Ø 25 mm

Scope of Delivery

- Light adapter with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.6 kg

Order No.

7595-7401-15-01



häwa HMA I-040 Light Adapter



29

Product Description

Light adapter for rigid fixing of signal lights

- Connecting tube: Ø 25 mm

Scope of Delivery

- Light adapter 48 with mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.25 kg

Order No.

7595-7401-90-05

häwa HMA I-080 Cable Protection Plate



Product Description

Protects cabling from damage at enclosure cut-outs

Scope of Delivery

- Cable protection plate with mounting hardware

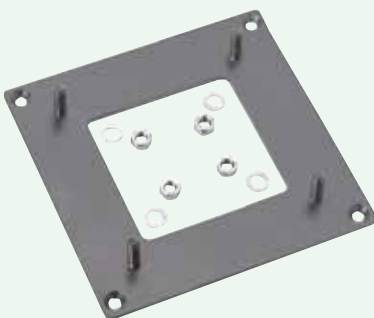
Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.1 kg

Order No.

7595-7401-90-01

häwa HLT VESA 100 Adapter Plate



21

Product Description

For fixed connection of monitors with VESA 100 hole pattern

Scope of Delivery

- VESA 100 adapter plate with seals and mounting hardware

Note

- Part list, see page 52 / 53
- Mounting options from page 54

Technical Data

- Technical drawings are available on www.haewa.com
- Protection class: according to IP54
- Material: die-cast aluminium
- Surface finish: RAL 7016
- Weight: 0.1 kg

Order No.

7595-7401-90-02



häwa Control Enclosures

häwa control enclosures are available in aluminum or any other material, with rear or front door, with or without handles, with cooling fins or closed, in customized dimensions according to your specific requirements.

häwa Customer Standard

Different materials, dimensions or customized design?
Not a problem, we do it every day, just contact us!

info@haewa.com

Examples:



1 Flexible:

- Variable enclosure width and height dimensions

3 Spacious:

- Installation depths from 130 mm to 420 mm

2 Funktional:

- Perfect combination possibilities with häwa pendant arm systems and häwa lift systems

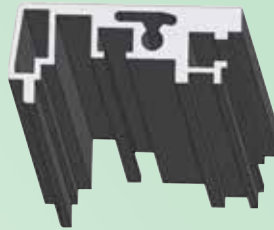
4 Well conceived:

- HLG Cool enclosure with continuously finned aluminum side profiles providing an extremely high passive heat dissipation

HLG Basic

Extruded aluminum profiles

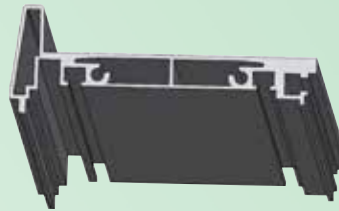
Profile depths 60, 90, 130 and 210 mm



HLG Touch

Easy handling through lateral handle flanges

Profile depths 60, 90, 130 and 210 mm

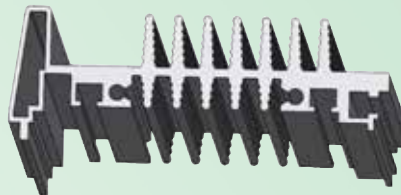


HLG Cool

Easy handling through lateral handle flanges

External and internal cooling fins

Profile depths 130 and 210 mm





häwa HLG Basic

- Variable width and height dimensions



Product Description

Control enclosure made of extruded aluminum profiles

- Profile depths 60, 90, 130 or 210 mm
- Width and height are variable up to max. 600 x 700 mm
- It is possible to mount a door with the same profile
- Mounting of a pendant arm or lift system is possible at the rear panel. 90 mm and deeper enclosures can also be connected from the top or bottom

Scope of Delivery

- 1 enclosure to your specifications

Note

- See the explanation on page 51 for the configuration of your order number

Technical Data

- Version: extruded aluminum profiles
- Width: variable up to max. 600 mm
- Height: variable up to max. 700 mm
- Material:
Profile: extruded aluminum profile,
Front panel and rear wall: 3 mm aluminium
- Surface finish:
Profiles, front and rear panel: light anodized,
Corner profiles: RAL 7016
- Protection class: according to IP54

Order No.

7505-xxxx-xx-1x

häwa HLG Touch

- Variable width and height dimensions
- With integrated handle flange



Product Description

Control enclosure made of extruded aluminum profiles with lateral integrated handle flange

- Profile depths 60, 90, 130 or 210 mm
- Variable width and height up to max. 600 x 700 mm
- It is possible to mount a door with the basic profile
- Mounting of a pendant arm or lift system is possible at the rear panel. 90 mm and deeper enclosures can also be connected from the top or bottom

Scope of Delivery

- 1 enclosure to your specifications

Note

- See the explanation on page 51 for the configuration of your order number

Technical Data

- Version: with integrated handle flange
- Width: variable up to max. 600 mm
- Height: variable up to max. 700 mm
- Material:
Profile: extruded aluminum profile,
Front panel and rear wall: 3 mm aluminium
- Surface finish:
Profiles, front and rear panel: light anodized
Corner profiles: RAL 7016
- Protection class: according to IP54

Order No.

7505-xxxx-xx-2x



häwa HLG Cool

- Variable width and height dimensions
- With integrated handle flange
- With cooling fins



Product Description

Control enclosure made of extruded aluminum profiles with lateral integrated handle flange

- The continuously finned aluminum side profile enables extremely high passive heat dissipation
- Profile depths 130 or 210 mm
- Variable width and height up to max. 600 x 700 mm
- It is possible to mount a door with the basic profile
- Mounting of a pendant arm or lift system is possible at the rear panel, 90 mm and deeper enclosures can also be connected from the top or bottom

Scope of Delivery

- 1 enclosure to your specifications

Note

- See the explanation on page 51 for the configuration of your order number

Technical Data

- With integrated handle flange
- Width: variable up to max. 600 mm
- Height: variable up to max. 700 mm
- Material:
 - Profile: extruded aluminum profiles
 - Front and rear panel: 3 mm aluminum
- Surface finish:
 - Profiles, front and rear panel: light anodized
 - Corner profiles: RAL 7016
- Protection class: according to IP54

Order No.

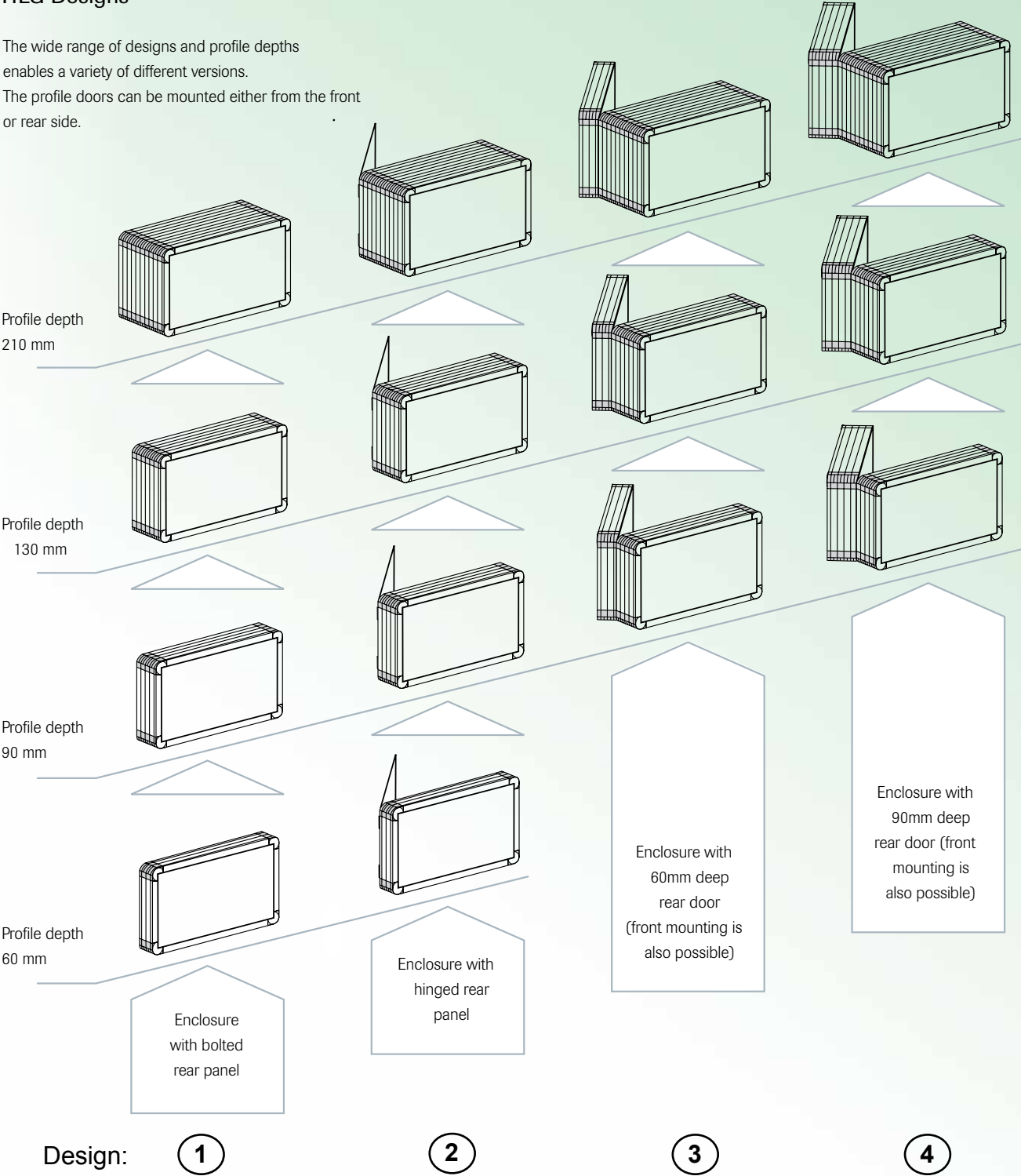
7505-xxxx-xx-3x

This will help you to find the correct order number for your enclosure:

- HLG Basic (1), Touch (2) or Cool (3)
Example: for HLG Basic: 7505-xxxx-xx-1x
- Depth 60 mm (06), 90 mm (09), 130 mm (13) or 210 mm (21), Example for depth 90: 7505-xxxx-09-1x
- Example for width **500**: 7505-50xx-09-1x
- Example for height **600**: 7505-5060-09-1x
- Choose a design
Example with rear hinged panel (2): 7505-5060-09-12

HLG Designs

The wide range of designs and profile depths enables a variety of different versions. The profile doors can be mounted either from the front or rear side.





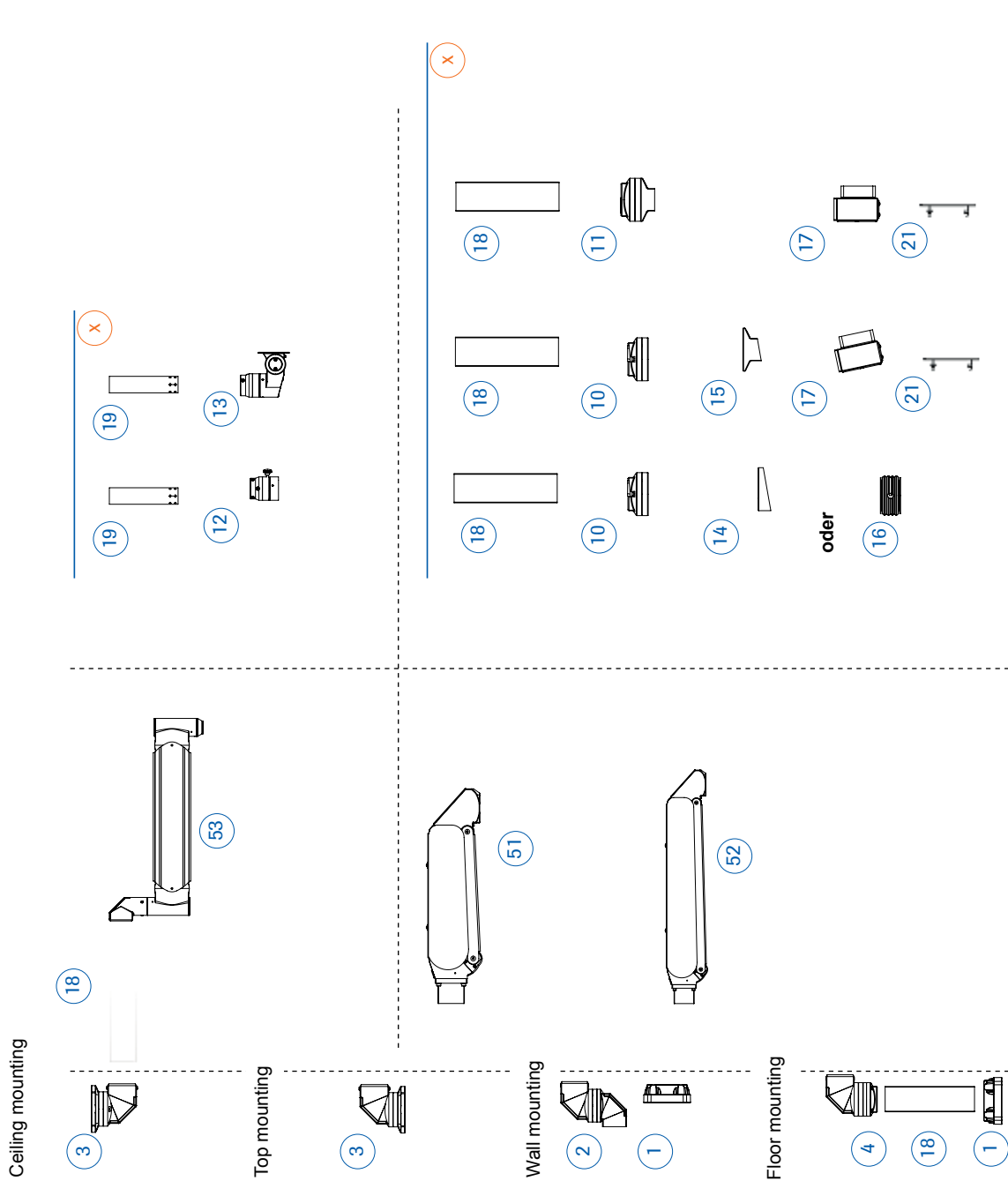
häwa Part list

Identification number	Description	Order No.
①	HMA I-080 Foot joint/wall flange	7595-7401-06-01
②	HMA I-080 Wall joint	7595-7401-02-01
③	HMA I-080 Set-up joint	7595-7401-01-01
④	HMA I-080 Rotating elbow	7595-7401-25-01
⑤	HMA I-080 Intermediate joint	7595-7401-03-01
⑥	HMA I-080 Elbow	7595-7401-04-01
⑦	HMA I-080 Elbow adapter HMA I-040	7595-7401-16-01
⑧	HMA I-080 Elbow joint	7595-7401-08-01
⑨	HMA I-080 Narrow flange elbow joint	7595-7401-09-01
⑩	HMA I-080 Joint	7595-7401-05-01
⑪	HMA I-080 Narrow flange joint	7595-7401-07-01
⑫	HMA I-040 Joint	7595-7401-17-01
⑬	HMA I-040 Swivel-tilt joint VESA 100	7595-7404-22-01
⑭	HMA I-080 Inclination adapter 10°	7595-7401-10-01
⑮	HMA I-080 Narrow flange inclination adapter 10°	7595-7401-11-01
⑯	HMA I-080 Adjustable inclination adapter	7595-7401-19-01
⑰	HMA I-080 Enclosure adapter VESA	7595-7401-12-01
⑱	HMA I-080 Profile tubes	7595-7401-30-xxxx
⑲	HMA I-040 Round tubes	7595-7401-40-xxxx
⑳	HMA I-080 Light adapter	7595-7401-15-01
㉑	HMA I-040 VESA 100 adapter plate	7595-7401-90-02
㉒	HMA I-040 Set-up swivel joint	7595-7401-60-01
㉓	HMA I-040 Narrow flange compact joint	7595-7401-14-01
㉔	HMA I-040 Base flange	7595-7401-26-01
㉕	HMA I-040 Pillar	7595-7450-12-xxxx

Identification number	Description	Order No.
②⑥	HMA I-040 Adjustable narrow flange inclination adapter	7595-7401-18-01
②⑦	HMA I-040 Vertical set-up joint	7595-7401-01-02
②⑧	HMA I-040 Vertical wall joint	7595-7401-02-02
②⑨	HMA I-040 Light adapter	7595-7401-90-05
⑤①	HMA I-040 Lift S	7595-760x-xx-01
⑤②	HMA I-040 Lift L	7595-768x-xx-01
⑤③	HMA I-040 Lift	7595-748x-xx-01



Mounting Options HLT Lift Systems

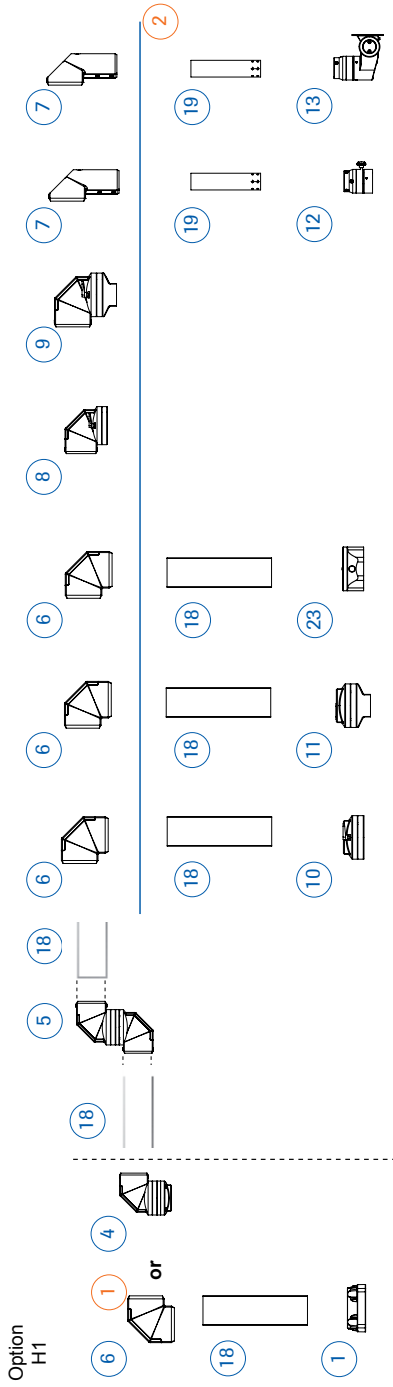


Attention: When determining the load carrying capacity, all items under the line must be included

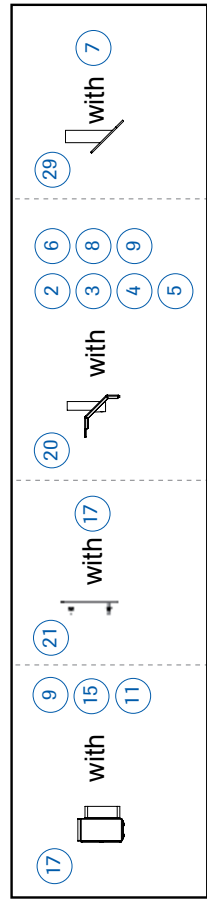
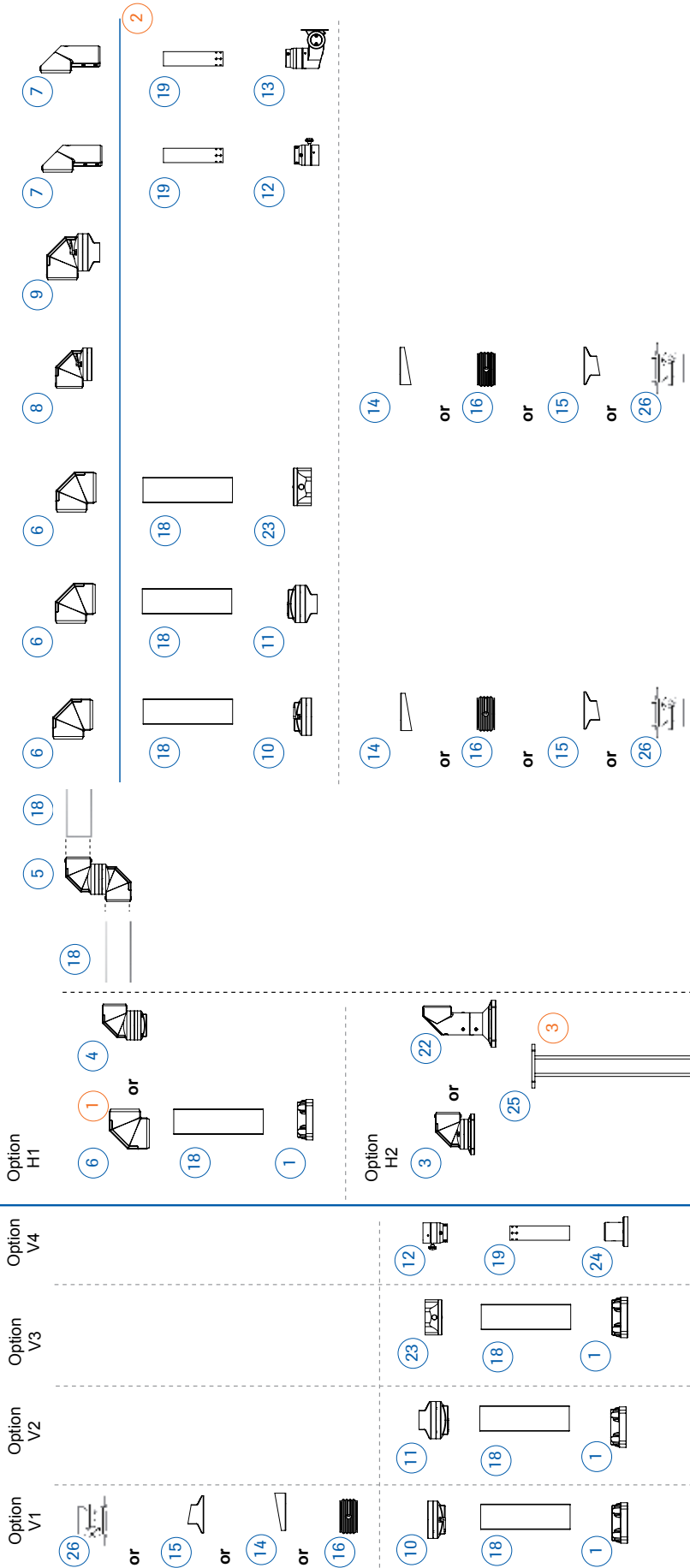


Mounting Options HLT Pendant Arm System Floor Mounting

Horizontal floor mounting



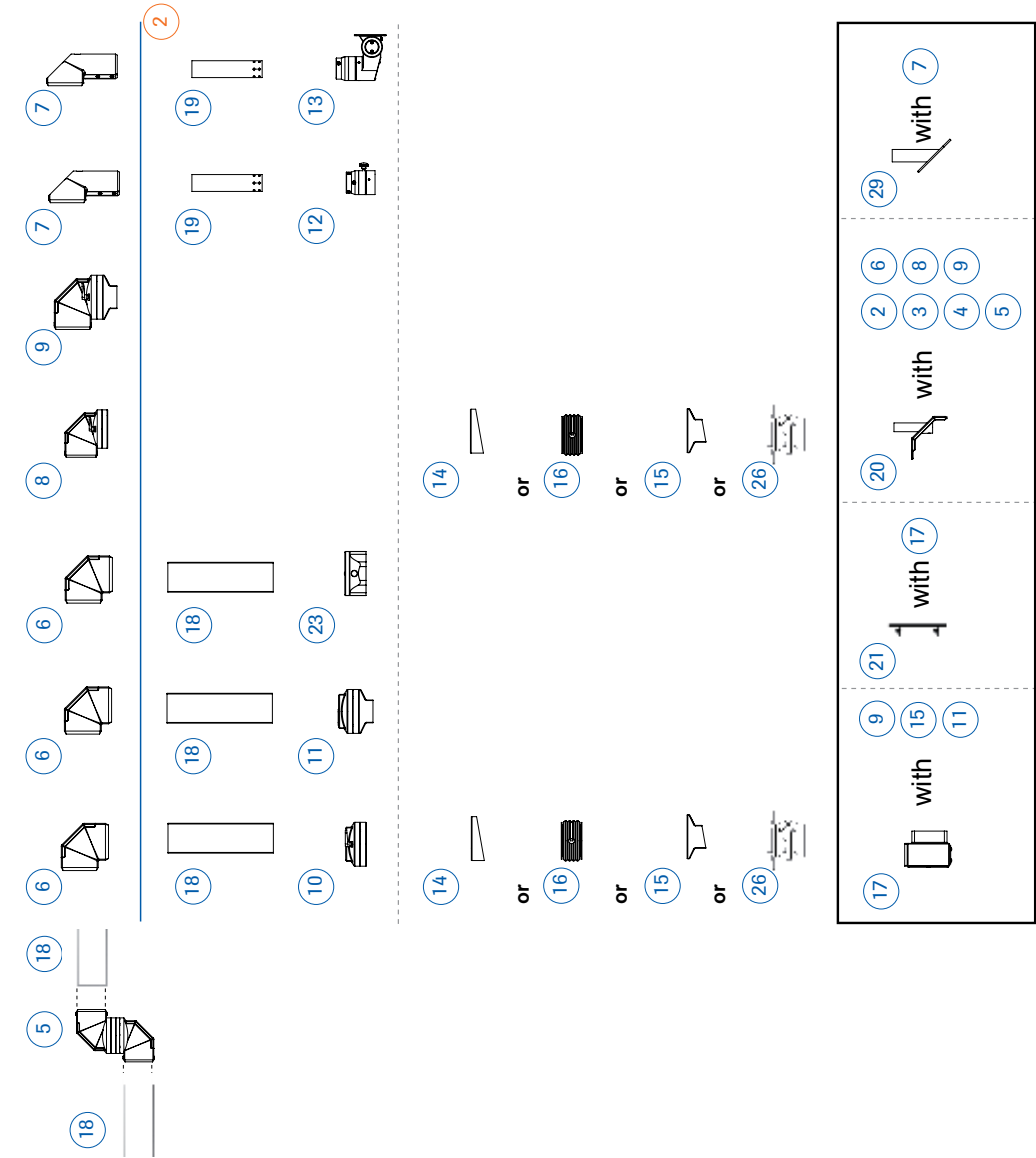
Vertical floor mounting



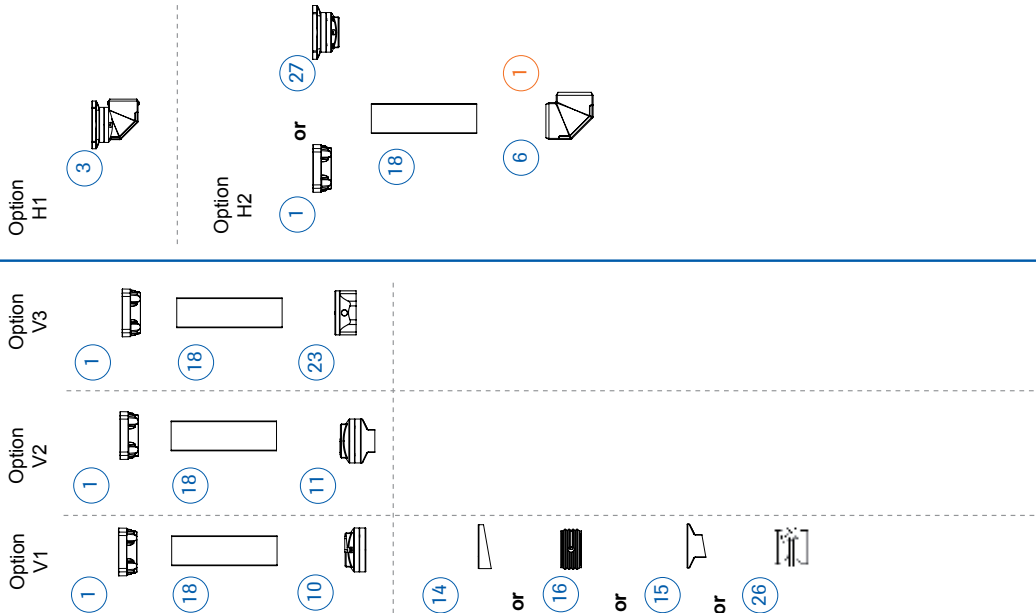
- 1 Attention: If selecting bracket (6) do not use the intermediate joint (5).
- 2 Attention: When determining the load carrying capacity, all items under the line must be included
- 3 Attention: When selecting this option, please contact your hāwa consultant.

Mounting Options HLT Pendant Arm System ceiling mounting

Horizontal ceiling mounting



Vertical ceiling mounting

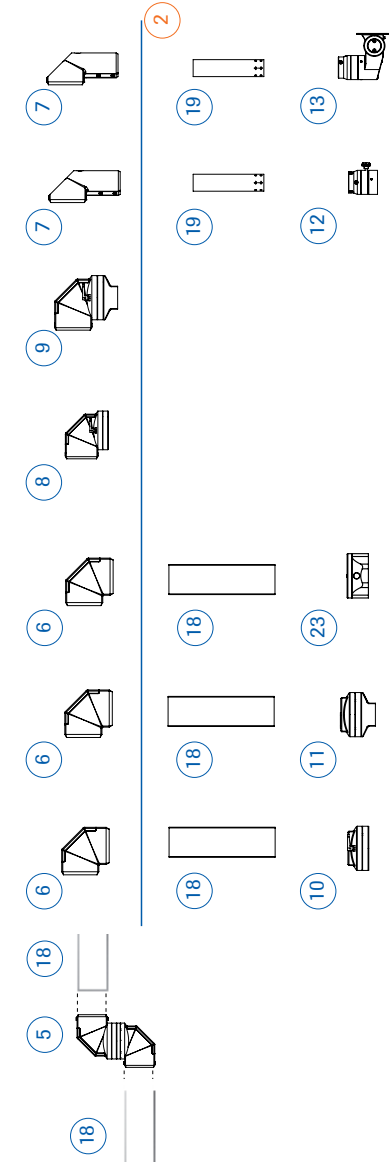
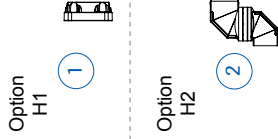


- 1 Attention: If selecting bracket 6 do not use the intermediate joint 5.
- 2 Attention: When determining the load carrying capacity, all items under the line must be included

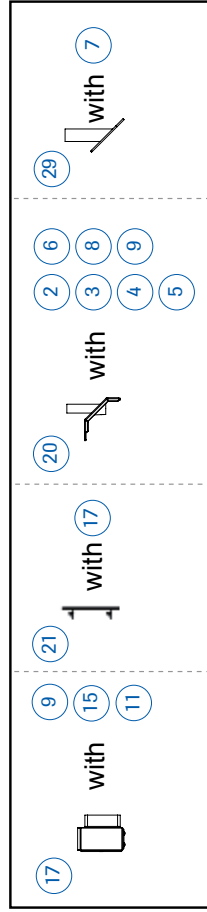
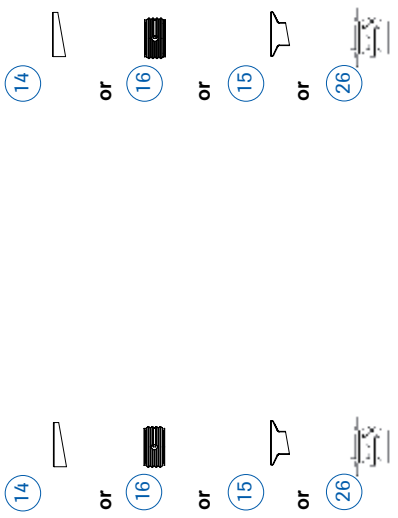
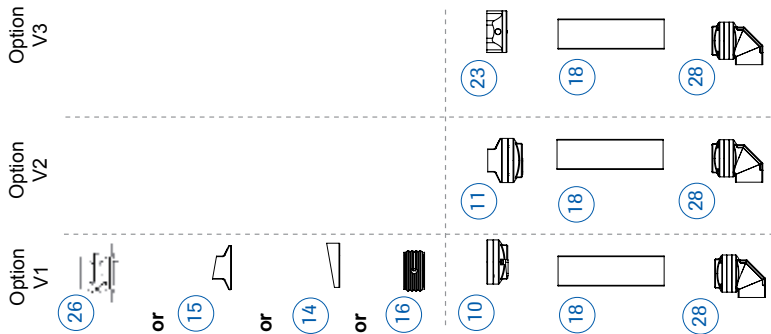


Mounting Options HLT Pendant Arm System Wall Mounting

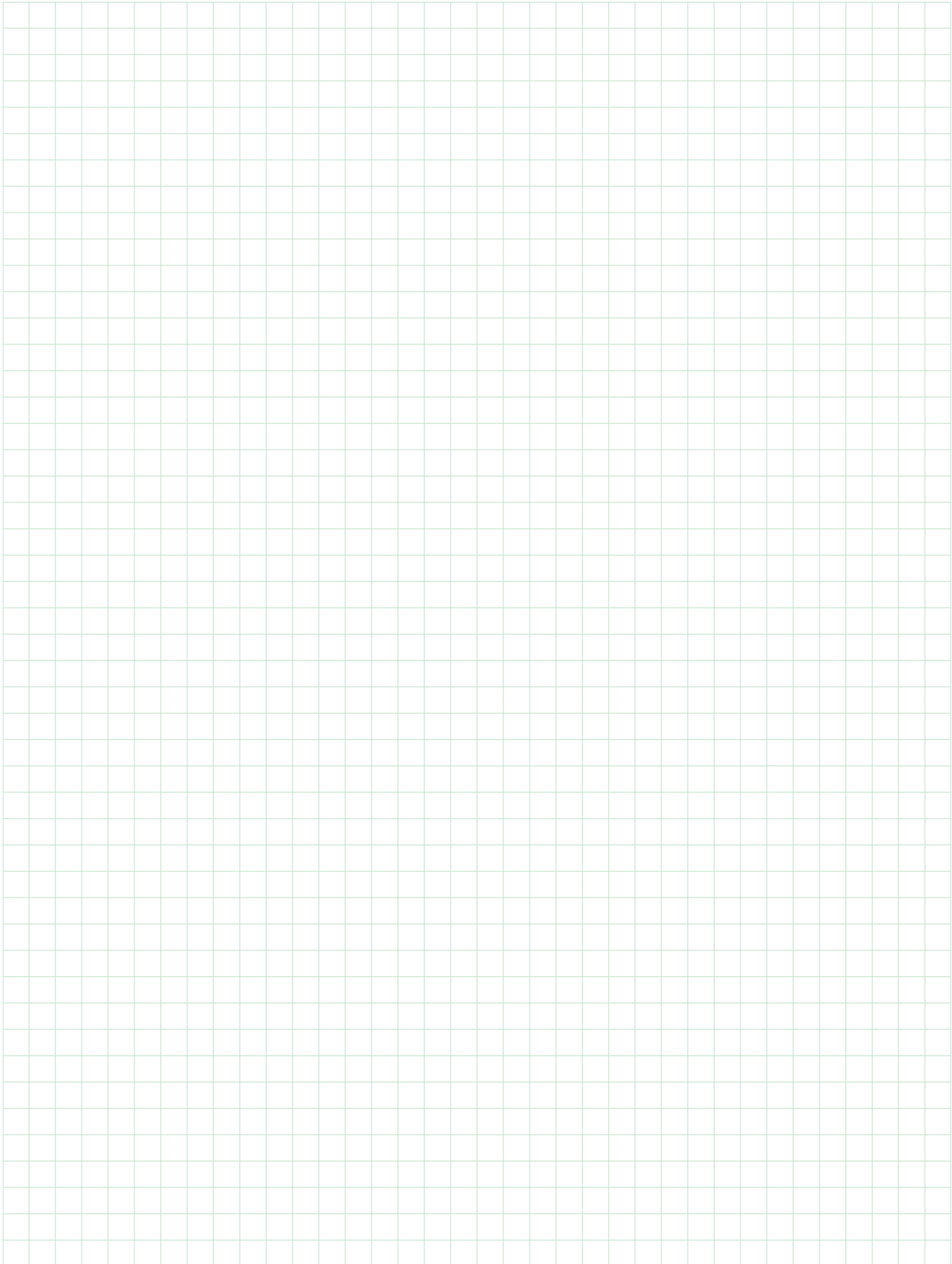
Horizontal wall mounting

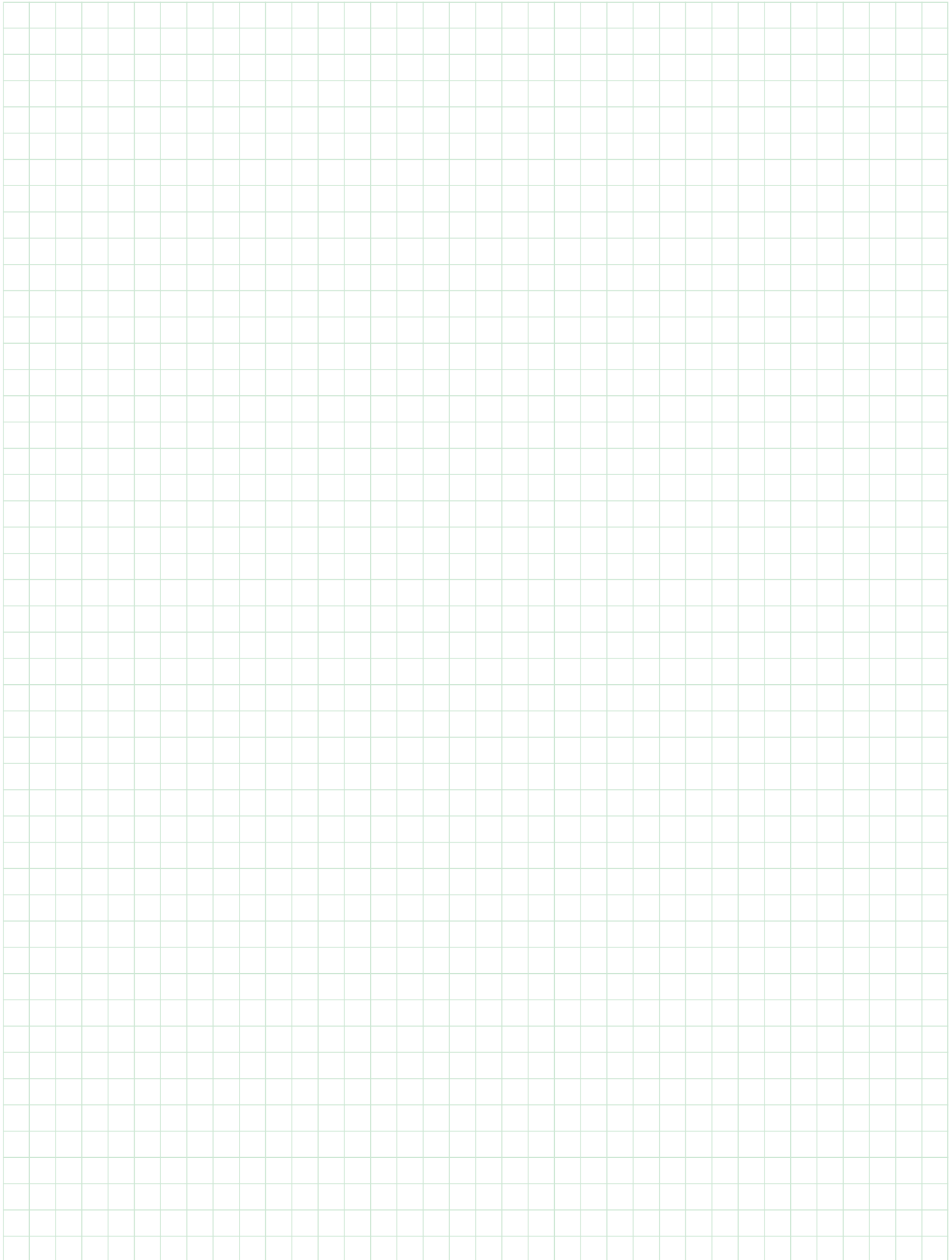


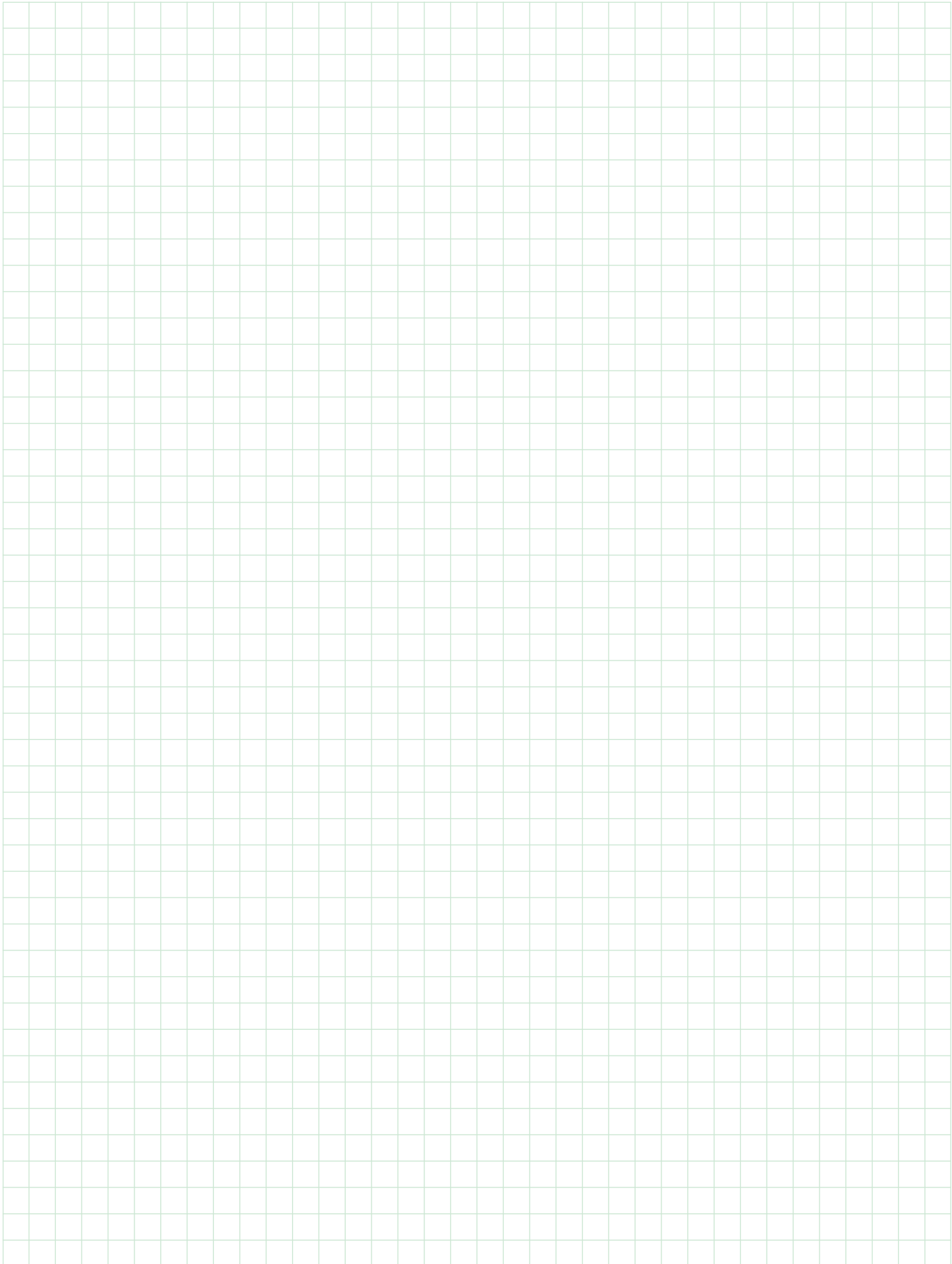
Vertical wall mounting



- 1 Attention: If selecting bracket 6 do not use the intermediate joint 5.
- 2 Attention: When determining the load carrying capacity, all items under the line must be included









CABINET SYSTEMS



ENCLOSURES



X-FRAME



ACCESSORIES



In every area as individual as your requirements: the häwa range of products

häwa – definitely the best solution

We are your reliable partner for well-conceived cabinet and enclosure systems, smart IT-solutions, effective thermal components, modular machine racks, functional cable ducts and practical tools. In particular when individual and flexible solutions are needed.

From the conceptual and structural design to manufacture and logistics including a fast delivery and maintenance service, we

at häwa are your one-stop shop – your personal häwa consultant will always be there to assist you.

More than 400 committed staff members are available to find the best solution for your challenges and your budget.

The result: high-quality products which will meet or even exceed your expectations – today and tomorrow.



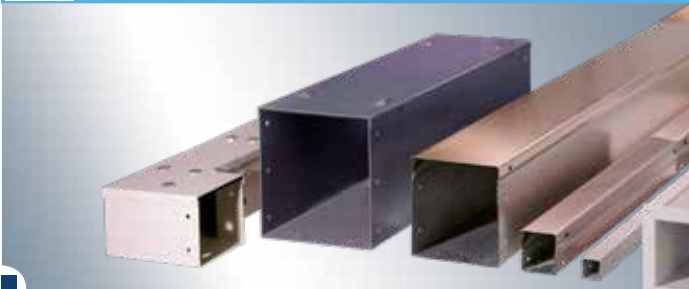
CLIMATE CONTROLS



CUSTOM CONSTRUCTION



DUCTS, ACCESSORIES



TOOLS



Our way to develop unique solutions for you:

Customer-oriented

We listen to you, we make your issues part of our planning, we consult and support you: as your partner, we work closely together with you – this is how we find solutions tailored to your needs.

Personally

We at häwa, rely on personal contact – your personal häwa consultant is always there for you, brings your ideas to life and is dedicated to accompanying you on your way to your optimal solution.

Reliable

Go for a trustworthy partner, on which you can rely in any situation – especially when the safety of components is at stake, i.e. when functional reliability is key. Our motto at häwa is: We keep our promises. This is what it's all about.

High-quality

We at häwa, have very high standards to provide excellent quality as proven by the DIN EN ISO 9001 2008 certification. The same applies to our consultancy and the service we provide. We do not rely on what we have already achieved – we are always striving for more for your benefit.








Thinking ahead

We come up with surprising ideas tailored to your individual requirements and smart solutions that always meet or even exceed your expectations – today and tomorrow. There is only one goal to pursue for us: Finding the best possible solution for your challenges.

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