Rittal – The System.

Faster – better – everywhere.

VX base/plinth

Reliable – flexible – simple

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VX BASE/PLINTH

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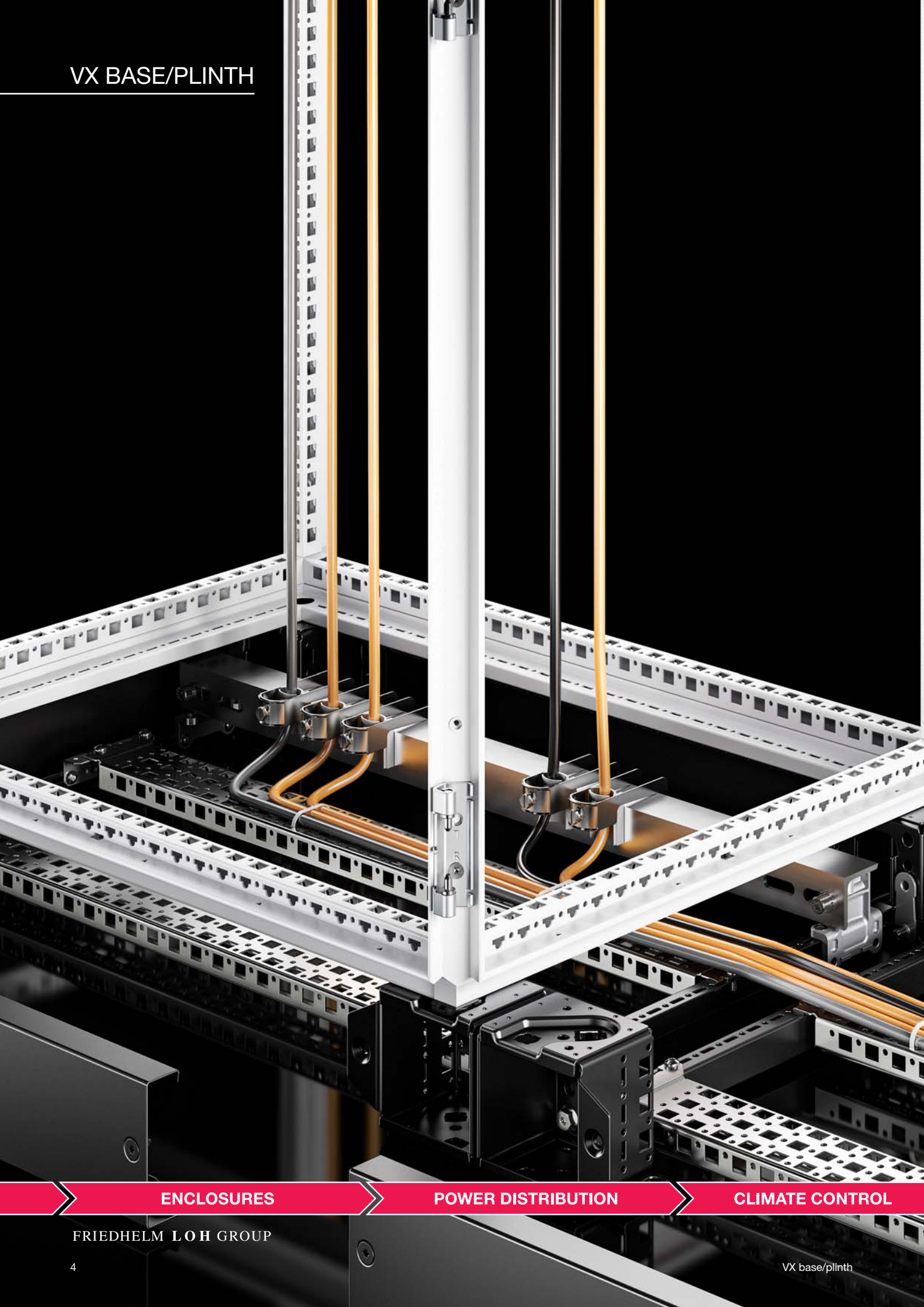
GREATER **EFFICIENCY**

The best of everything – The VX base/plinth is suitable for almost any enclosure application. It combines all the best Rittal plinth functions in a single variable modular system which meets the highest stability requirements. Moreover, the plinth promises ultimate user-friendly assembly, saves time and opens up a whole new range of configuration options.

Fast, simple and compatible – The plinth – with its pre-assembled front/rear trim panels – helps to speed up overall assembly and installation while at the same time reducing parts handling and warehousing costs. All parts and accessories are purposefully designed for the VX25 baying enclosure system, and are also fully compatible with Rittal's other enclosure solutions VX25, VX IT, VX SE, TS, TS IT, TP, CX, PC, IW and TX.

VX BASE/PLINTH



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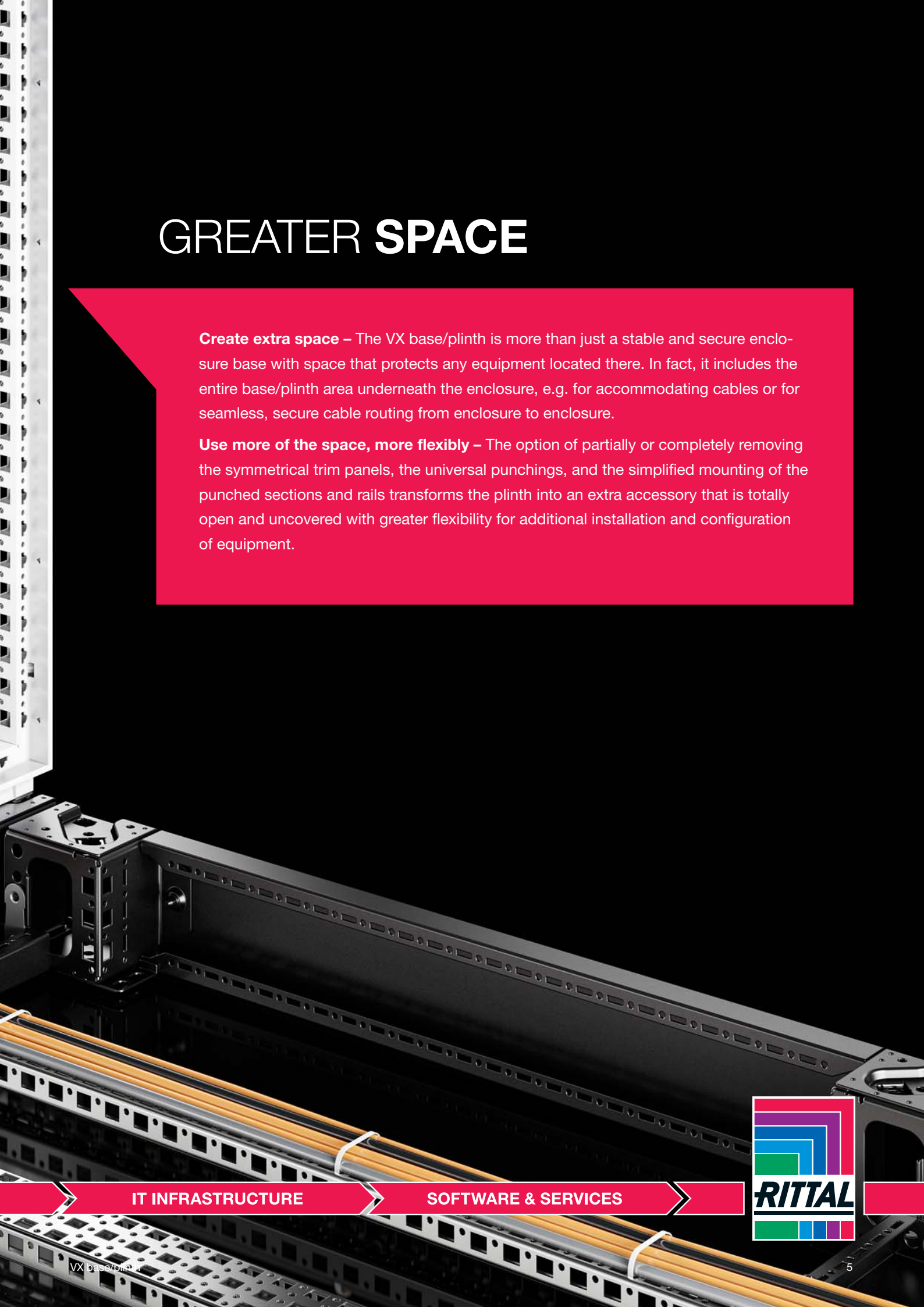
GREATER **SPACE**

Create extra space – The VX base/plinth is more than just a stable and secure enclosure base with space that protects any equipment located there. In fact, it includes the entire base/plinth area underneath the enclosure, e.g. for accommodating cables or for seamless, secure cable routing from enclosure to enclosure.

Use more of the space, more flexibly – The option of partially or completely removing the symmetrical trim panels, the universal punchings, and the simplified mounting of the punched sections and rails transforms the plinth into an extra accessory that is totally open and uncovered with greater flexibility for additional installation and configuration of equipment.

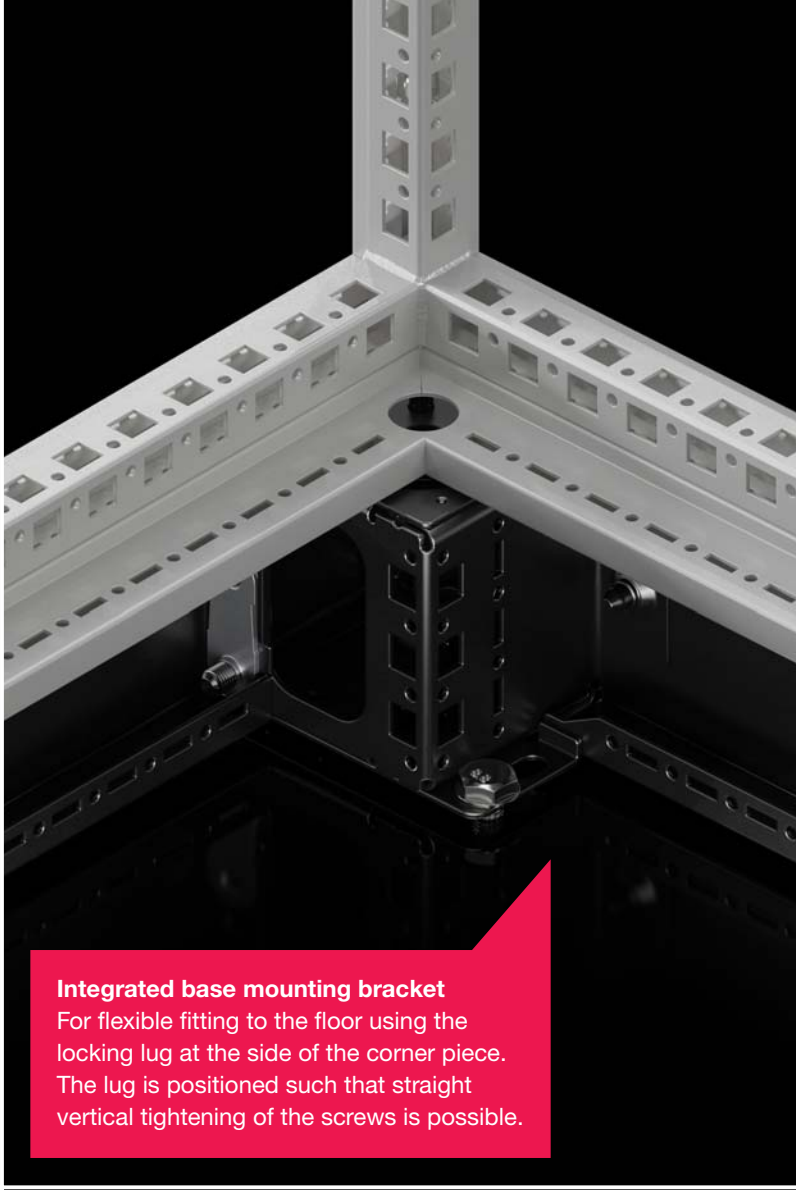


GREATER **ASSEMBLY CONVENIENCE**

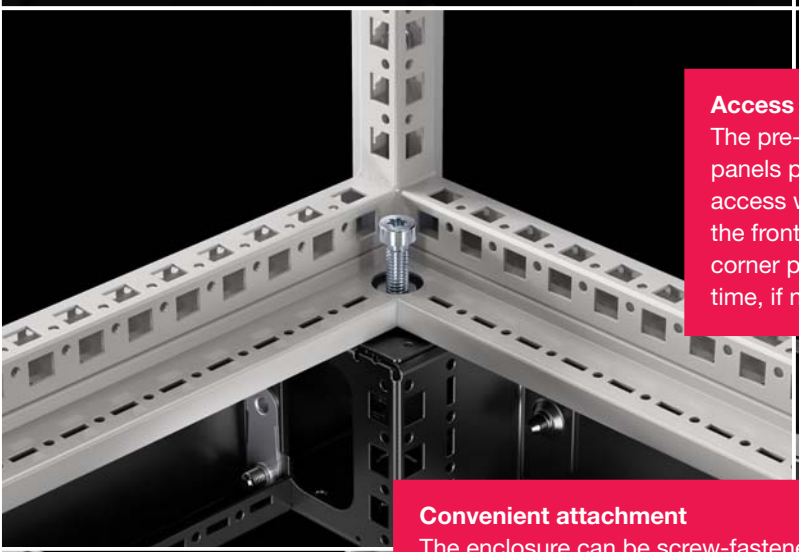
Configuration
The system of base/plinth corner pieces with pre-assembled front/rear trim panels and separate trim panels for the depth enables convenient customer-specific configuration of the base/plinth.

Positioning
The fastening nut slots securely into the punched hole in the base/plinth corner piece and cannot fall out during positioning.

Positioning aid
The precise, anti-twist mounting of the plinth on the enclosure is accommodated by a practical positioning aid on the VX25.



Integrated base mounting bracket
For flexible fitting to the floor using the locking lug at the side of the corner piece. The lug is positioned such that straight vertical tightening of the screws is possible.

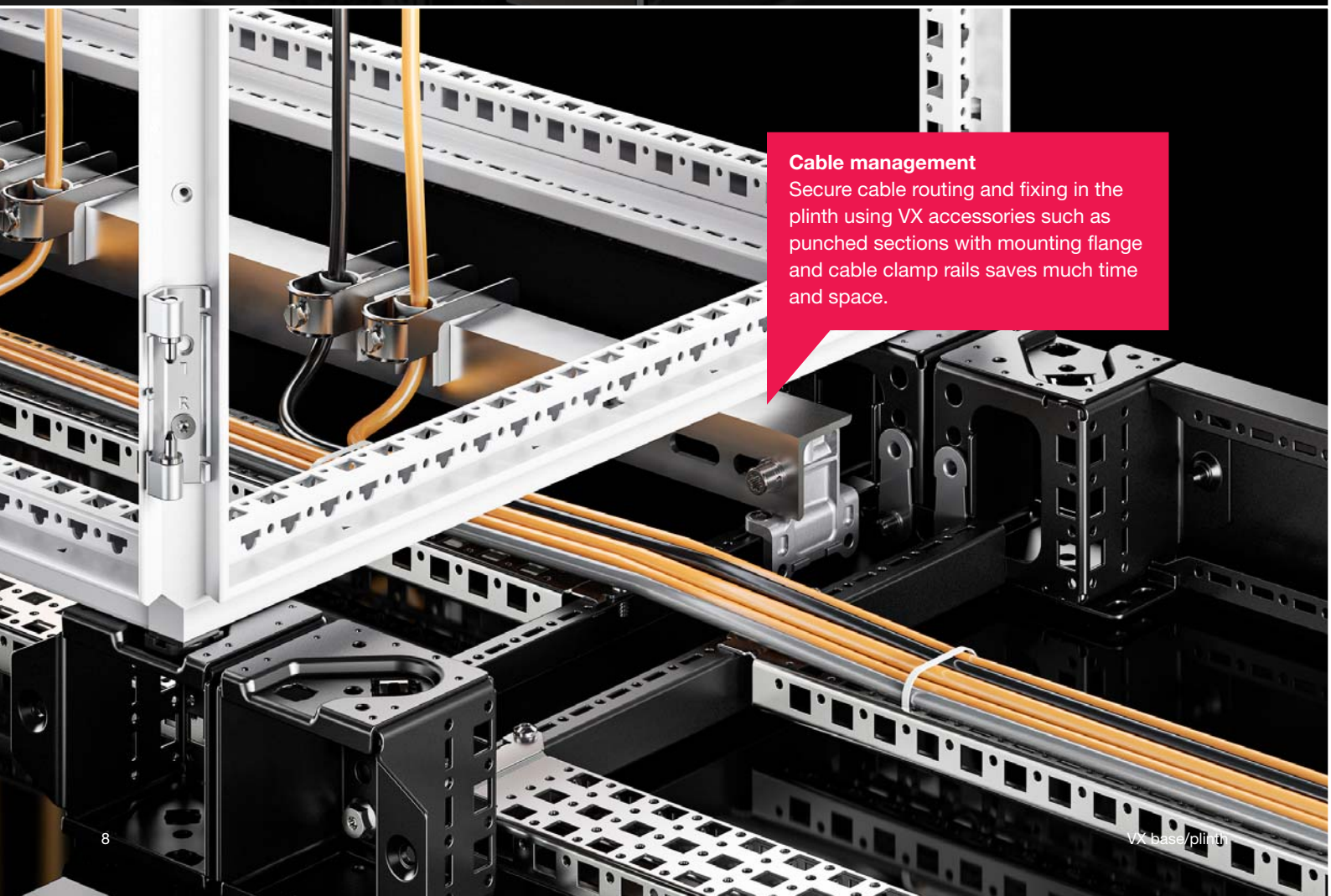


Access
The pre-assembled corner pieces and trim panels provide stability and optimum access with simple screw-fastening from the front. The covers clip securely into the corner piece and can be removed at any time, if necessary.

Convenient attachment
The enclosure can be screw-fastened into the VX25 corner piece either from above or directly from outside.

GREATER **TIME SAVINGS**

Depth trim panel
The depth trim panel can be attached to the corner piece from both inside and outside. This makes it easy to disassemble and dismantle, even if the enclosure is located against a wall.



Cable management
Secure cable routing and fixing in the plinth using VX accessories such as punched sections with mounting flange and cable clamp rails saves much time and space.

Baying
Baying is easily achieved by laying the depth trim panel flat. Trim panel heights of 100 mm or 200 mm are possible.

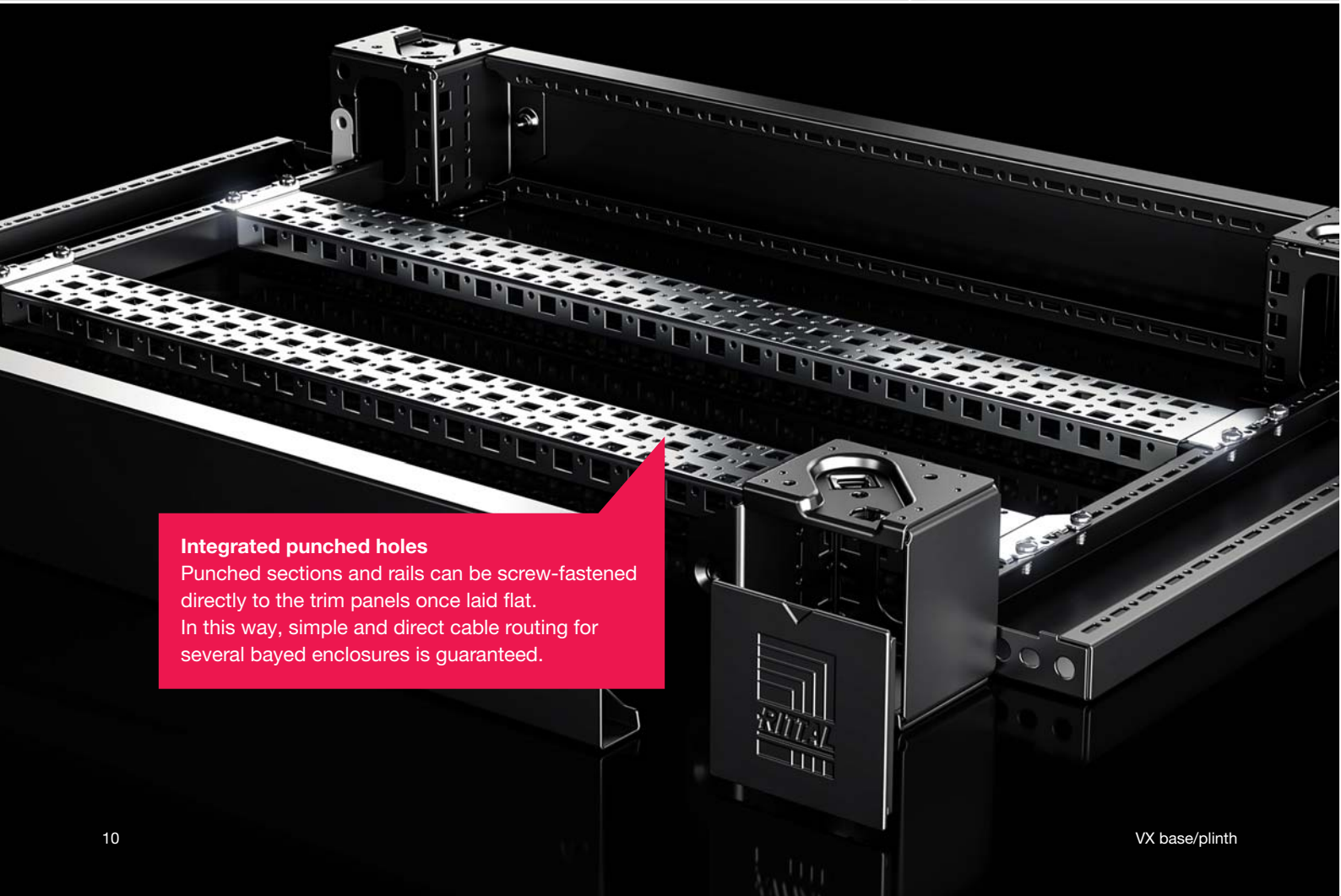
Transportation
Transportation with a forklift or pallet truck is no problem once the front trim panel has been removed – even when the enclosures are bayed.

VX base/plinth

Transport castor
Simple to fit castors ensure time-saving handling and movement.

GREATER **FLEXIBILITY**

Flexible installations
Thanks to punched holes on both sides of the corner pieces and trim panels, the entire base/plinth space can be used flexibly for customer-specific interior fitting and fixings.



Integrated punched holes
Punched sections and rails can be screw-fastened directly to the trim panels once laid flat.
In this way, simple and direct cable routing for several bayed enclosures is guaranteed.

Multi-use
Accessories such as cable clamp rails can also be used with an upright trim panel with the aid of the bracket/spacer.

Second mounting level
An additional mounting level at the corner piece ensures direct cable entry to the mounting plate.

Base mounting
The base mounting bracket allows retro-fitting to the floor even if the plinth is already screwed to the enclosure.

Levelling
The design of the levelling components compensates for floor unevenness of up to 15 mm, even with fully configured enclosures.

Base/plinth system VX

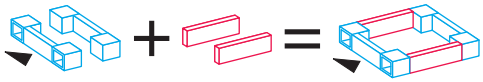
Modular base/plinth diversity

The new, innovative base/plinth system VX offers an unprecedented diversity of functions and applications. It combines all existing base/plinth functions in a single solution, as well as opening up many new applications. As if that ins't enough, it is also compatible with existing enclosure solutions VX, VX IT, VX SE, TX, PC, CX console systems and IW. In short, it is a base/plinth system.

The base/plinth system VX comprises the following components:
- Base/plinth corner pieces with base/plinth trim panels, front and rear
- Base/plinth trim panels, sides

The base/plinth system is designed for maximum stability and produces a flush surface in bayed suites. The vented trim panels and trim panels with brush strips available as accessories can also be attached at the sides or exchanged for front/rear trim panels.

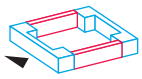
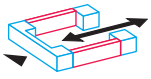
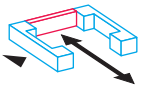
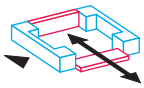
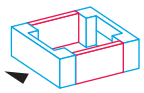
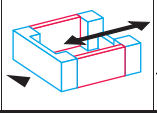
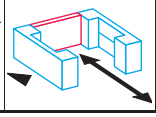
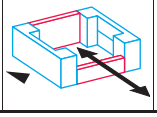
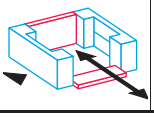
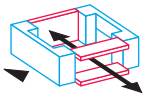
Depending on the application, for example, users can dispense with the trim panels between bayed enclosure suites, or a 100 mm or 200 mm high trim panel may be used to stabilise the base/plinth corner pieces.
In combination with its extensive range of accessories, and thanks to its compatibility with enclosure accessories, the base/plinth system VX offers almost infinite possibilities in terms of siting, transportation, cable routing, cable attachment and base/plinth configuration.



One Model No. for the **base/plinth corner pieces with base/plinth trim panels,** front and rear

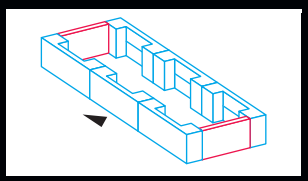
One Model No. for the **base/plinth trim panels,** side

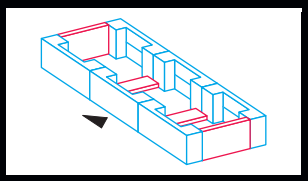
One complete **VX base/plinth**

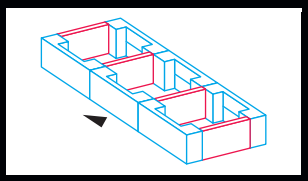
Base/plinth height	Basic form	Cable entry options				
					Stabilisation of bayed base/plinths	
100 mm						
200 mm						

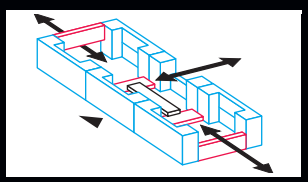
Configuration examples

Order includes		Functional benefits
3 packs of 1 pack of	Base/plinth corner pieces with base/plinth trim panels Base/plinth trim panels, sides, 200 mm high	Continuous cable chamber
3 packs of 1 pack of 1 pack of 1 pack of 1 pack of	Base/plinth corner pieces with base/plinth trim panels Base/plinth trim panels, sides, 200 mm high Base/plinth trim panels, sides, 100 mm high or Base/plinth trim panels, sides, 200 mm high VX base/plinth baying bracket (8660.140, packs of 20) 4 pc(s). are required for this solution	Additional stability during transportation with base/plinth trim panels rotated through 90°
3 packs of 2 pack of	Base/plinth corner pieces with base/plinth trim panels Base/plinth trim panels, sides, 200 mm high	Shielding of the base/plinths from one another









Other options:
- Cable entry at the side by fitting a 100 mm base/plinth trim panel with brush strip
- Cable entry from the rear by dismantling one or more trim panels from the base/plinth corner pieces and replacing them with trim panels with brush strips
- Cable routing in the base/plinth by using punched sections with mounting flanges on the base/plinth trim panels

Base/plinth corner pieces with base/plinth trim panels, front and rear

Sheet steel
High-load capacity base/plinth corner pieces with moulded self-positioning to the enclosure, may be used with or without trim panels depending on the application. Large openings in the corner piece for optimum access to the screw-fastening point, may be concealed with a plastic corner cover.

Material:
– Base/plinth corner piece: Sheet steel
– Base/plinth trim panel front/rear: Sheet steel
– Corner cover: Plastic

Colour:
– RAL 9005

100 mm high supply includes:
– 4 base/plinth corner pieces, 100 mm high
– 4 corner covers
– 2 base/plinth trim panels, front/rear, 100 mm high
– Assembly parts

200 mm high supply includes:
– 4 base/plinth corner pieces, 200 mm high
– 4 corner covers
– 1 base/plinth trim panel, front/rear, 200 mm high
– 2 base/plinth trim panels, front/rear, 100 mm high
– Assembly parts

100 mm high

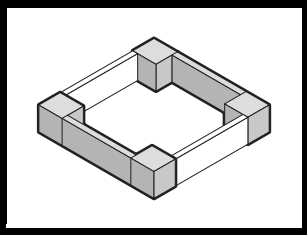
For enclosure width mm	Model No.
300	**8660.000**
400	**8660.001**
600	**8660.002**
800	**8660.003**
850	**8660.004**
1000	**8660.005**
1100	**8660.006**
1200	**8660.007**
1600	**8660.008**
1800	**8660.009**

200 mm high

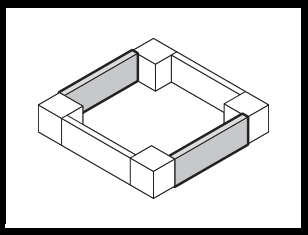
For enclosure width mm	Model No.
300	**8660.020**
400	**8660.021**
600	**8660.022**
800	**8660.023**
1000	**8660.024**
1200	**8660.025**
1600	**8660.026**
1800	**8660.027**

Also required:
– Base/plinth trim panels, sides, to finish off a unit, for additional stabilisation between base/plinths, or for interior configuration, see page 14

Accessories:
– Base/plinth trim panels with brush strip, see page 14
– Base/plinth trim panels, vented, see page 15
– Trim panel attachment for base/plinth trim panels, vented and base/plinth trim panels with brush strip, see page 15
– Base/plinth installation bracket, see page 16
– Levelling component for base/plinth, see page 17
– Base mounting bracket, see page 16
– Base/plinth adaptor for twin castors or levelling feet, see page 20
– Base/plinth baying bracket, see page 15
– Transport castors for VX base/plinth, see page 16
– VX support/spacer bracket, see page 17



Base/plinth system VX



Base/plinth trim panels, sides

Sheet steel
To finish off a base/plinth unit at the sides and for additional stability or interior configuration of bayed base/plinths. One 200 mm high or two 100 mm high trim panels may optionally be fitted on 200 mm high base/plinths.

Material:
– Sheet steel

Colour:
– RAL 9005

Supply includes:
– 2 base/plinth trim panels
– Assembly parts

100 mm high

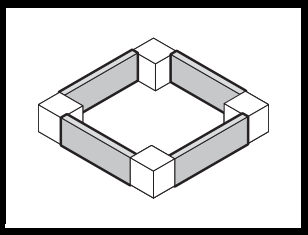
For enclosure depth mm	Model No.
300	**8660.030**
400	**8660.031**
500	**8660.032**
600	**8660.033**
800	**8660.034**
1000	**8660.035**
1200	**8660.036**

200 mm high

For enclosure depth mm	Model No.
300	**8660.040**
400	**8660.041**
500	**8660.042**
600	**8660.043**
800	**8660.044**
1000	**8660.045**
1200	**8660.046**

Accessories:
– Base/plinth installation bracket, see page 16
– VX support/spacer bracket, see page 17

Possible alternative:
– Base/plinth trim panels with brush strip, see page 14
– Base/plinth trim panels, vented, see page 15
– Trim panel attachment for base/plinth trim panels, vented and base/plinth trim panels with brush strip, see page 15



Base/plinth trim panels with brush strip

Sheet steel
For cable entry in the base/plinth. With a base/plinth height of 200 mm, one or two trim panels with brush strips may optionally be used. The trim panels with brush strip may either be fitted at the front, rear or side of the base/plinth corner piece.

Material:
– Base/plinth trim panels: Sheet steel
– Brush strip: Plastic, self-extinguishing

Colour:
– RAL 9005

Supply includes:
– 2 base/plinth trim panels with brush strip
– Assembly parts

For enclosure width/depth mm	Model No.
600	**8660.092**
800	**8660.093**
1000	**8660.094**
1200	**8660.095**

Also required:
– A trim panel attachment bracket for vented base/plinth trim panels and base/plinth trim panels with brush strip is required to be able to attach the trim panels at the sides, see page 15

Base/plinth trim panels, vented

Sheet steel
For venting the enclosure via the base/plinth. Specifically in applications such as power distribution where the enclosure gland plates are not used, this can be used to achieve a higher air throughput inside the enclosure. Various solutions to raise the roof and special roof plates with vent openings are also available for enclosure venting. With a 200 mm base/plinth height, one or two vented trim panels may optionally be used. The vented trim panels may either be fitted at the front, rear or side of the base/plinth corner piece.

Material:
– Sheet steel

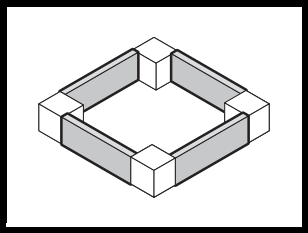
Colour:
– RAL 9005

Supply includes:
– 2 base/plinth trim panels, vented
– Assembly parts for mounting on the base/plinth corner piece

For enclosure width/depth mm	Model No.
600	**8660.090**
800	**8660.091**

Also required:
– A trim panel attachment bracket for vented base/plinth trim panels and base/plinth trim panels with brush strip is required to be able to attach the trim panels at the sides, see page 15

Accessories:
– Base/plinth installation bracket, see page 16
– Filter mat, see page 15



Filter mat

for base/plinth trim panel, vented
The filter mat is simply inserted into the trim panel from the rear.

Supply includes:
– 1 pack = 2 rolls, length 2 m each, may be shortened to required length

Packs of	Model No.
1 pc(s).	**8620.100**

Base/plinth baying brackets

for base/plinth system VX, sheet steel
Required if the 100 mm or 200 mm side base/plinth trim panels are mounted rotated through 90° for additional stabilisation during the transportation of bayed enclosures.

Material:
– Sheet steel

Surface finish:
– Zinc-plated

Supply includes:
– Screws M8 x 16 mm

Packs of	Model No.
20 pc(s).	**8660.140**

Note:
– Required per trim panel: 2 pc(s).

Trim panel attachment

For mounting base/plinth trim panels, vented and base/plinth trim panels with brush strip in the depth.

Material:
– Sheet steel

Surface finish:
– Zinc-plated

Packs of	Model No.
4 pc(s).	**8660.096**

Note:
– One pack is sufficient for attaching two trim panels

Base/plinth system VX

Transport castors

For locating onto the base/plinth corner piece, 100 or 200 mm high.

Load capacity:
– Maximum permissible load per twin castor: 1000 N

Colour:
– RAL 9005

Supply includes:
– 4 twin castors, 2 x with, 2 x without locks

Floor clearance mm	Model No.
100	**8660.110**

Accessories:

– Base/plinth trim panels, sides, for stabilisation, see page 14

Base mounting bracket

For attaching the base/plinth to the floor. For assembly screws up to 12 mm Ø.

Material:
– Sheet steel

Surface finish:
– Zinc-plated

Packs of	Model No.
10 pc(s).	**8660.100**

Base/plinth installation bracket

For configuring the base/plinth with punched sections with mounting flanges. To fit 100 and 200 mm high base/plinth trim panels and corner pieces.

Material:
– Sheet steel, zinc-plated

Supply includes:
– 2 installation brackets
– Assembly parts

Note:
– For interior installation on upright base/plinth trim panels
– For base/plinth trim panels rotated through 90°, the installation bracket is not needed, because in this position, the system punchings of the base/plinth trim panels may be used directly.

1 Installation bracket

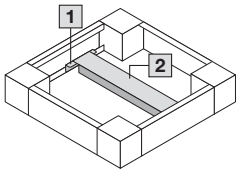
2 Punched section with mounting flange, 23 x 89 mm

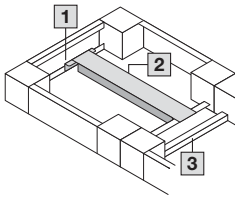
3 Base/plinth trim panel, rotated through 90°

For base/plinth trim panel height mm	Packs of	Model No.
100	2 pc(s).	**8660.400**
200	2 pc(s).	

Accessories:

– Punched section with mounting flange, 23 x 64 mm, see page 19





Support/spacer bracket VX

For configuring the base/plinth with cable clamp rails or C rails. To fit 100 and 200 mm high base/plinth trim panels and base/plinth corner pieces. The VX support/spacer bracket can also be fastened to the VX25 frame section.

Material:
– Die-cast zinc

Supply includes:
– 2 support/spacer brackets
– Assembly parts

Note:
– For interior installation on upright base/plinth trim panels and base/plinth trim panels rotated through 90° as well as on base/plinth corner pieces.

1 VX support/spacer bracket

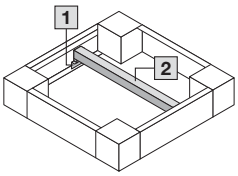
2 Cable clamp rail with right angle section

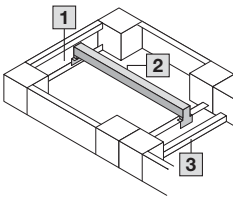
3 Base/plinth trim panel, rotated through 90°

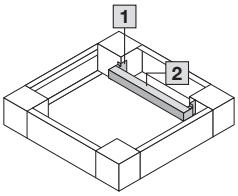
Packs of	**Model No.**
2 pc(s).	**8619.470**

Accessories:

– Cable clamp rails with right angle section, see page 18
– C rail 30/15, see page 18







Levelling component

For retrospective levelling on uneven floors at the installation site up to a maximum of 15 mm. Installed through the base/plinth corner piece.

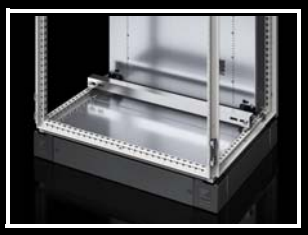
Benefits:
– A door offset caused by uneven flooring can be corrected
– Installed on the assembled enclosure, i.e. no need to plan levelling in advance

Load capacity:
– Max. admissible load: 2500 N per levelling component (check the load capacity of the floor)

Supply includes:
– Assembly parts

For base/plinth height mm	Packs of	**Model No.**
100	4 pc(s).	**8660.120**
200	4 pc(s).	**8660.121**

Base/plinth system VX



Cable clamp rail

Right angle section
For strain relief with cable entry. Depth-variable mounting on a 25 mm pitch pattern on the horizontal enclosure section or in the base/plinth.

Material:
– Steel

Surface finish:
– Zinc-plated

Supply includes:
– Assembly parts

Enclosure width mm	Packs of	Model No.
400	2 pc(s).	**8619.400**
600	2 pc(s).	**8619.410**
800	2 pc(s).	**8619.420**
1000	2 pc(s).	**8619.430**
1200	2 pc(s).	**8619.440**
1600	2 pc(s).	**8619.450**
1800	2 pc(s).	**8619.460**

Accessories:
– VX support/spacer bracket, see page 17

Cable clamp

for cable clamp rails
For fastening the cables to the cable clamp rails.

Material:
– Sheet steel

Surface finish:
– Zinc-plated

Supply includes:
– Plastic insert

For cable diameter mm	Packs of	Model No.
6 – 12	25 pc(s).	**2350.000**
12 – 16	25 pc(s).	**2351.000**
14 – 18	25 pc(s).	**2352.000**
18 – 22	25 pc(s).	**2353.000**
22 – 26	25 pc(s).	**2354.000**
26 – 30	25 pc(s).	**2355.000**
30 – 34	25 pc(s).	**2356.000**
34 – 38	25 pc(s).	**2357.000**
38 – 42	25 pc(s).	**2358.000**
42 – 46	25 pc(s).	**2359.000**
46 – 50	25 pc(s).	**2360.000**

C rail 30/15

to EN 60 715

Installation options:
– On the inner mounting level, on the enclosure section
– VX base/plinth system

Material:
– Sheet steel

Surface finish:
– Zinc-plated

For enclosure width/depth mm	Length mm	Packs of	Model No.
500	455	6 pc(s).	**4943.000**
600	555	6 pc(s).	**4944.000**
800	755	6 pc(s).	**4945.000**
1000	955	6 pc(s).	**4946.000**
1200	1155	6 pc(s).	**4947.000**

Accessories:
– Cable clamps, see page 19
– VX support/spacer bracket, see page 17

Cable clamp

for C rails
For attaching the cables to the C rails.

Material:
– Sheet steel

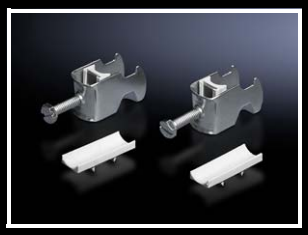
Surface finish:
– Zinc-plated

Supply includes:
– Plastic insert

For cable diameter mm	Packs of	Model No.
6 – 14	25 pc(s).	**7077.000**
12 – 18	25 pc(s).	**7078.000**
18 – 22	25 pc(s).	**7097.000**
22 – 26	25 pc(s).	**7097.220**
26 – 30	25 pc(s).	**7097.260**
30 – 34	25 pc(s).	**7097.300**
34 – 38	25 pc(s).	**7097.340**
38 – 42	25 pc(s).	**7098.000**
42 – 56	25 pc(s).	**7098.100**
56 – 64	25 pc(s).	**7099.000**

Accessories:

– C rail 30/15, see page 18



Punched section with mounting flange, 23 x 64 mm

For variable, individual interior installation of the enclosure frame on the inner mounting level. Simply locate into punchings and screw-fasten. System punchings on all four sides. With slots at the top and bottom for cage nuts, for attaching your own components via metric screws.

Installation options:
- On the inner mounting level, on the enclosure section
- On identical punched sections with mounting flanges
- Base/plinth system VX in the width and depth, combined with a base/plinth installation bracket

Material:
– Sheet steel

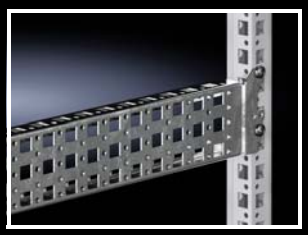
Surface finish:
– Zinc-plated

Supply includes:
– Assembly parts

Dimensions mm	Packs of	Model No.
300	4 pc(s).	**8617.100**
400	4 pc(s).	**8617.110**
500	4 pc(s).	**8617.120**
600	4 pc(s).	**8617.130**
800	4 pc(s).	**8617.140**
1000	4 pc(s).	**8617.150**
1200	4 pc(s).	**8617.160**
1400	4 pc(s).	**8617.170**
1600	4 pc(s).	**8617.180**
1800	4 pc(s).	**8617.190**

Accessories:

– Base/plinth installation bracket, see page 16



Base/plinth system VX

Base/plinth adaptor

for twin castors or levelling feet
For mounting twin castors or levelling feet to the base/plinth.

Design	Material	Packs of	Model No.
1 For twin castors	Sheet steel	4 pc(s).	**8660.130**
2 For levelling feet	Sheet steel	4 pc(s).	**8660.131**

Also required:
– When fitting twin castors, side trim panels, see page 14, are required.

Note:
– Combined with twin castors, the admissible overall weight load is 3000 N

Levelling feet

85 – 115 mm high
For mounting on enclosures, for easier floor cleaning and to compensate for floor irregularities ±15 mm.

Load capacity:
– Max. admissible load: 3,500 N per levelling foot

Material:
– Stainless steel 1.4301 (AISI 304)

Supply includes:
– Assembly parts

Packs of	Model No.
4 pc(s).	**2859.000**

Twin castors

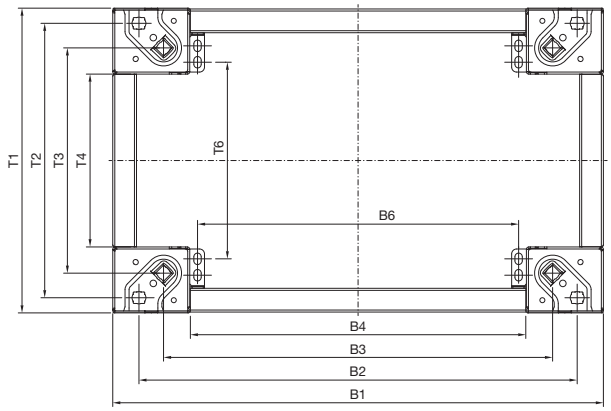
For mobile use, for mounting directly on the enclosure. Mounting thread M12 x 20.

Also required:
– For mounting on the base/plinth: Base/plinth adaptor, see page 20

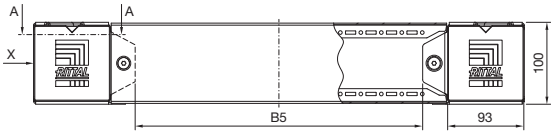
1	Maximum admissible load (per castor)	750 N
	Floor clearance	85 mm
	Lock	2 with, 2 without
	Packs of	4 pc(s).
	Colour	Black with grey running surface
	Model No.	**6148.000**

2	Maximum admissible load (per castor)	1200 N
	Floor clearance	125 mm
	Lock	2 with, 2 without
	Packs of	4 pc(s).
	Colour	Black
	Model No.	**7495.000**

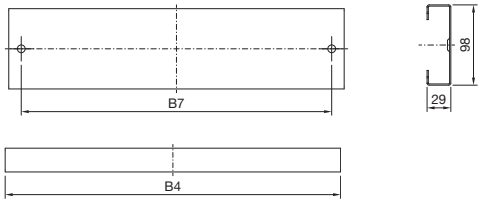
Base/plinth system VX



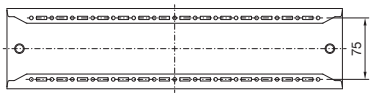
Base/plinth, 100 mm high



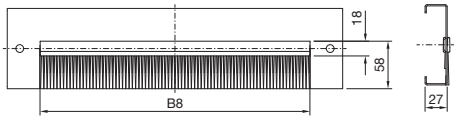
Base/plinth trim panel, solid, 100 mm high, front view



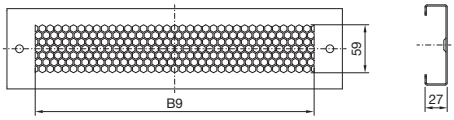
Rear view



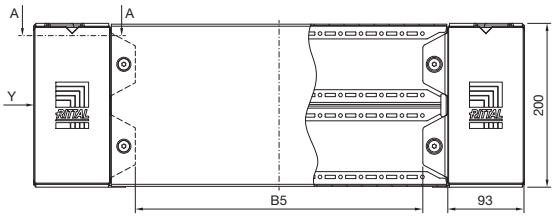
Base/plinth trim panel with brush strip, 100 mm high, front view



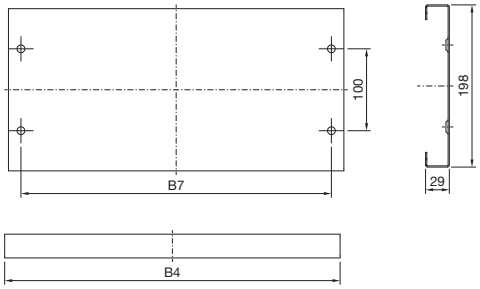
Base/plinth trim panel, vented, 100 mm high, front view



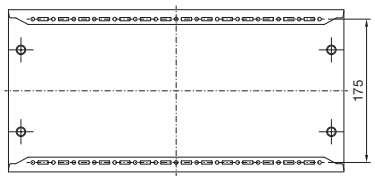
Base/plinth, 200 mm high



Base/plinth trim panel, solid, 200 mm high, front view

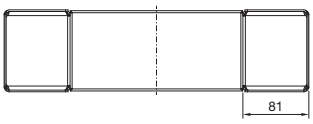


Rear view



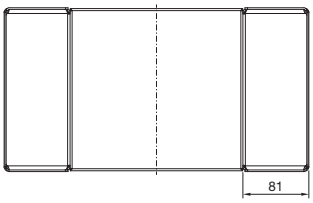
Base/plinth system VX

View X

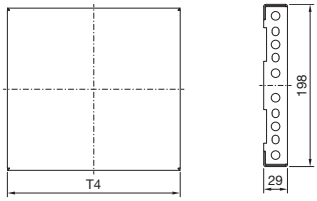


Base/plinth trim panel, side, solid,
100 mm high

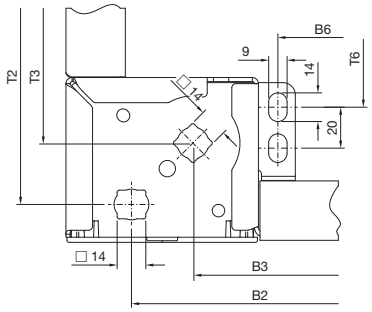
View Y



Base/plinth trim panel, side, solid,
200 mm high



Section A – A



Base/plinth corner pieces with base/plinth trim panels, front and rear									
Model No. VX	Height	Width	B1	B2	B3	B4	B5	B6	B7
8660.000	100	300	299	235	175	110	51	92	79
8660.001	100	400	399	335	275	210	151	192	179
8660.002	100	600	599	535	475	410	351	392	379
8660.003	100	800	799	735	675	610	551	592	579
8660.004	100	850	849	785	725	660	601	642	629
8660.005	100	1000	999	935	875	810	751	792	779
8660.006	100	1100	1099	1035	975	910	851	892	879
8660.007	100	1200	1199	1135	1075	1010	951	992	979
8660.008	100	1600	1599	1535	1475	1410	1351	1392	1379
8660.009	100	1800	1799	1735	1675	1610	1551	1592	1579
8660.020	200	300	299	235	175	110	51	92	79
8660.021	200	400	399	335	275	210	151	192	179
8660.022	200	600	599	535	475	410	351	392	379
8660.023	200	800	799	735	675	610	551	592	579
8660.024	200	1000	999	935	875	810	751	792	779
8660.025	200	1200	1199	1135	1075	1010	951	992	979
8660.026	200	1600	1599	1535	1475	1410	1351	1392	1379
8660.027	200	1800	1799	1735	1675	1610	1551	1592	1579

Base/plinth trim panels with brush strip			
Model No. VX	To fit		B8
	Height	Width	
8660.092	100	600	330
8660.093	100	800	530
8660.094	100	1000	750
8660.095	100	1200	930

Base/plinth trim panels, vented			
Model No. VX	To fit		B9
	Height	Width	
8660.090	100	600	340
8660.091	100	800	540

Base/plinth trim panels, sides							
Model No. VX	Height	Depth	T1	T2	T3	T4	T6
8660.030	100	300	272	235	175	111	140
8660.031	100	400	372	335	275	211	240
8660.032	100	500	472	435	375	311	340
8660.033	100	600	572	535	475	411	440
8660.034	100	800	772	735	675	611	640
8660.035	100	1000	972	935	875	811	840
8660.036	100	1200	1172	1135	1075	1011	1040
8660.040	200	300	272	235	175	111	140
8660.041	200	400	372	335	275	211	240
8660.042	200	500	472	435	375	311	340
8660.043	200	600	572	535	475	411	440
8660.044	200	800	772	735	675	611	640
8660.045	200	1000	972	935	875	811	840
8660.046	200	1200	1172	1135	1075	1011	1040

B1 = Width Base/plinth
B2/B3 = Attachment to enclosure/base
B4 = Base/plinth trim panel front/rear
B5 = Underclearance
B6 = Attachment to base
B7 = Attachment base/plinth trim panels
B8 = Width of brush strip
B9 = Width ventilation

T1 = Depth of base/plinth
T2/T3 = Attachment to enclosure/base
T4 = Base/plinth trim panel, sides
T6 = Attachment to base

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