

CANTILEVER RACKING SYSTEMS

2018
2019

Extract from general catalog

Chapter E

ssi-schaefer.com



SSI SCHÄFER

Cantilever racking for long material storage

When it comes to storing long or bulky goods, cantilever racking systems are the right solution. The bandwidth ranges from light plastic profiles to steel tubes, profiles, wooden panels and even heavy coils.

Perfectly tailored: SSI SCHAEFER's expert consultants help to develop concepts for special long materials or particular site conditions.

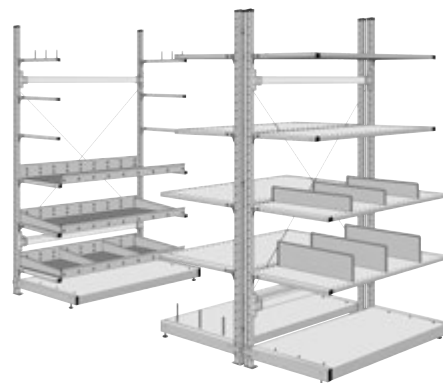
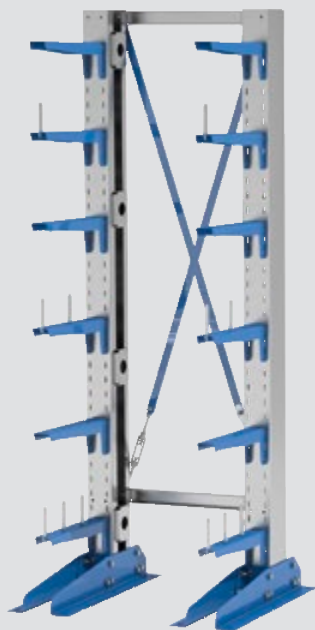
The cantilever upright constructed for single- or double-face use. Both versions can be constructed with rows of any desired length.

Adjustable cantilevers allow easy adaptation to different storage heights and load requirements. SSI SCHAEFER offers diverse accessories depending on the goods being stored.

i Information regarding **inspection requirements**
for **rack systems**

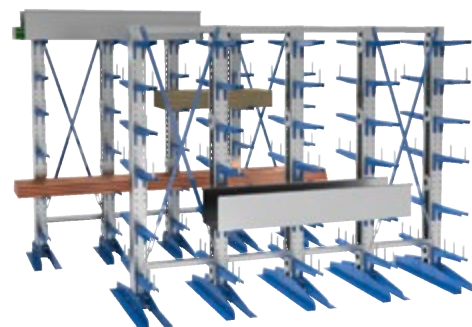
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KR 3000 cantilever rackings

page E4



KRM cantilever rackings

page E8



KRS cantilever rackings

page E12

Overview of cantilever racking systems

KR 3000 cantilever rackings	
Areas of use	On-line shelving and storage of light and bulky materials
Advantages	▶ Assembly with dividing pins, shelves or storage trays ▶ Double-row racks constructed out of free-standing racks placed next to each other and 3 frame connectors ▶ Special upright profile ▶ Beams are installed without any play due to the conical grooves on both short sides
System	▶ Free upright design
Design	▶ Expansion bay design; proportionally reduces the carrying capacity per rack bay
System hole pattern	▶ 53 : 53 mm
Load-bearing capacity	▶ up to 150 kg per side and upright, incl. base, up to 50 kg per cantilever arm
Support profiles/ horizontal braces	▶ Galvanized
Cantilever arms	▶ Galvanized
Shelves	▶ Bright silver



E4

from pages

KRM cantilever rackings

Material staging and storage of pipes, profiles or long, bulky materials

- ▶ Easy assembly with only a few components
- ▶ Single- or double-face racks
- ▶ Attachable cantilever arms, enabling adjustment without tools
- ▶ Robust construction
- ▶ Solid foot plate
- ▶ Bolted upright design
- ▶ Bolting system:
Support profiles are bolted together horizontal braces to form rack rows and reinforced with cross braces in every 4th rack field
- ▶ 50 : 50 mm
- ▶ up to 2,300 kg per upright side with uniform height division
- ▶ Galvanized
- ▶ Painted RAL 5010, Gentian Blue


E8
KRS cantilever rackings

Storage of heavy, bulky materials and goods. Universally usable in halls, for manual or automatic operation, stationary or mobile installations possible

- ▶ Easy assembly with only a few components
- ▶ Single- or double-face racks
- ▶ Bolted cantilever arms
- ▶ Robust construction
- ▶ Bolted upright design
- ▶ Bolting system:
Support profiles are bolted together horizontal braces to form rack rows and reinforced with cross braces in every 4th rack field
- ▶ 100 : 100 mm
- ▶ up to 14,000 kg per upright side with uniform height division
- ▶ Painted RAL 7037, Dust Gray
- ▶ Painted RAL 5010, Gentian Blue


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KR 3000 cantilever racking

KR 3000 cantilever racking systems from SSI SCHAEFER are suitable for the quick location changes. Each side can support loads up to 300 kg with the starter bay design.

The cantilever brackets with an insertion angle of 10° can be adjusted and 53 mm steps. They can be fitted with divider pins or serve as a supports for shelves and storage trays.

All rack levels can support loads of up to 100 kg with the starter bay design.

The double-row rack is made of racks positioned one behind the other. Additionally, they are stabilized with three frame connectors. The racks can also be configured with expansion bay design. In this case, it must be considered that the load carrying capacity of each rack field decreases proportionally.





KR 3000 system design

► Load-bearing capacity

Up to 150 kg per side and upright, incl. base,
up to 50 kg per cantilever arm

► 53 mm height grid

Cantilever brackets with
insertion angle of 10°



► System design

Cantilever racking construction

► Expansion bay design

Proportionally reduces the load capacity per rack field

► Areas of use

On-line shelving and storage of light and bulky materials

► Can be equipped with divider pins, shelves or storage trays

► Double-row racks

Constructed out of racks placed next to each other
and 3 frame connectors

► Special upright profile

► Beams are installed without any play due to the conical grooves on both short sides

Upright with foot

Dividing pins

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Cantilever brackets

page E7

Tray
(without divider)

page E7

Tray
(with divider)

page E7

Beams

Cross brace

Frame connector

page E7

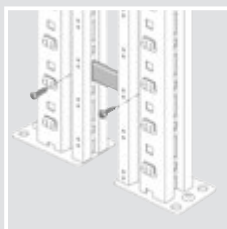
Free-standing
dividers

Chapter B, page B12

Base shelf

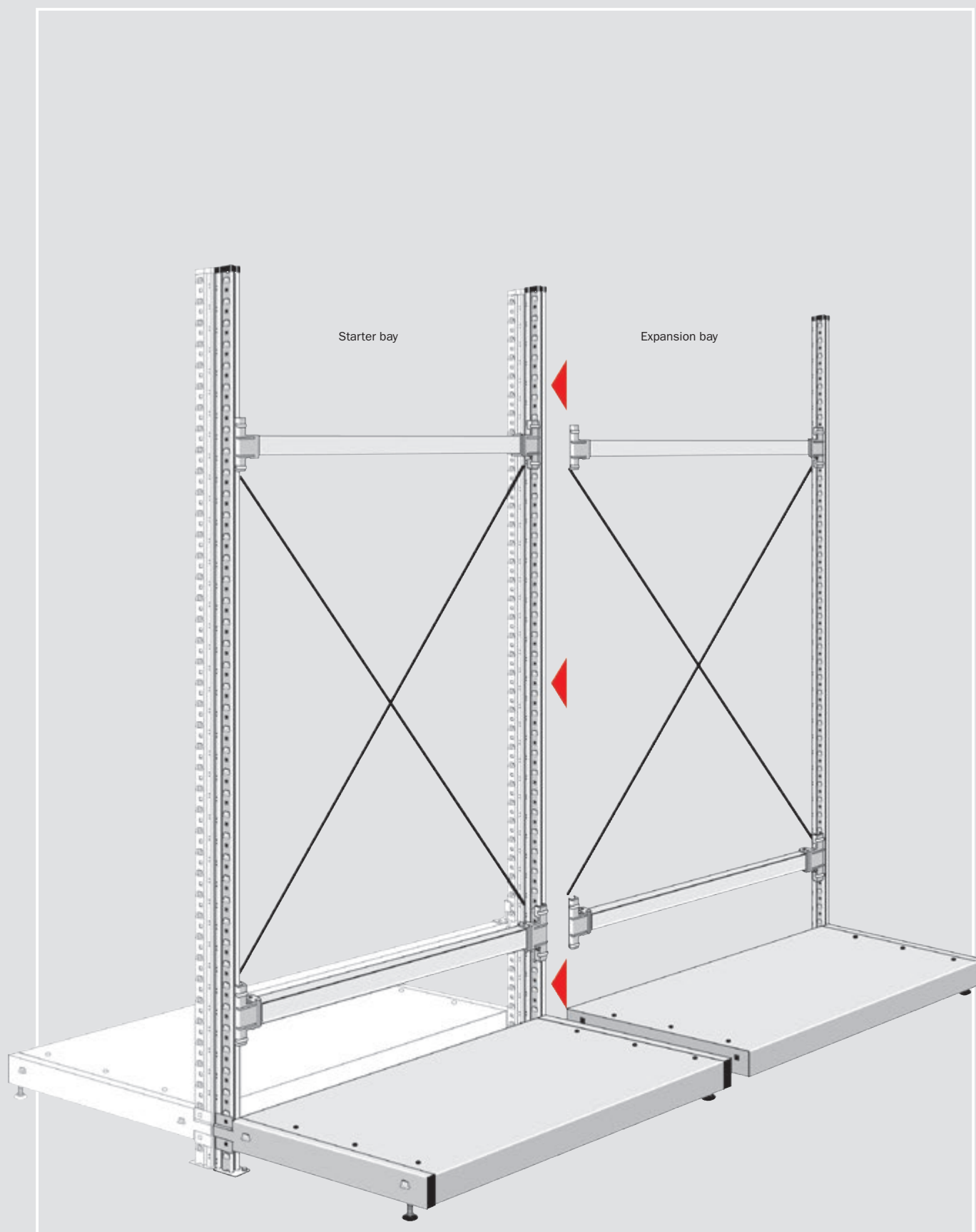


Dividing pins



Frame connector

Rack components





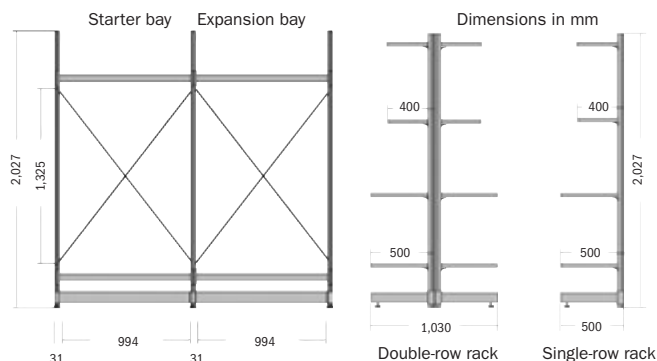
Rack components and accessories

Shelves

The maximum load-carrying capacity can only be used with the starter bay design

Starter bay/expansion bay

Clear field width 994 mm



Starter bay

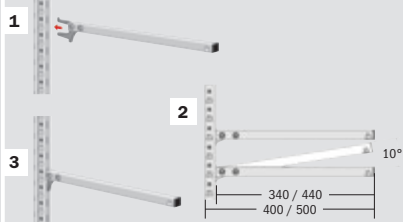
2 uprights with foot – single sided, 2 beams, 1 cross brace, 1 base shelf.

Item	Width (mm)	Height (mm)	Order no.
FR 31020 G	994	2,027	145690

Expansion bay

1 upright with foot – single sided, 2 beams, 1 cross brace, 1 base shelf.

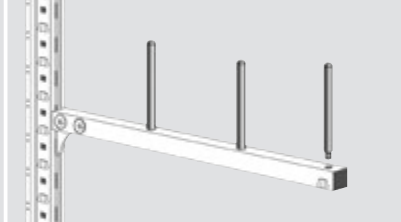
Item	Width (mm)	Height (mm)	Order no.
FR 31020 A	994	2,027	145700



Cantilever brackets

Sheet steel, galvanized. For attaching shelves and trays. Load capacity 50 kg.

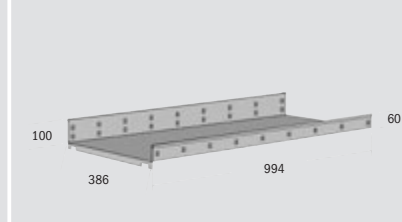
Item	Rack depth (mm)	Usable depth (mm)	Order no.
KK 34050	400	340	145740
KK 35050	500	440	145760



Dividing pins

Steel, galvanized. Dividing pins for the partitioning of the brackets.

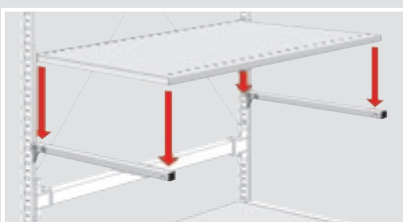
Item	Order no.
AST 3100	145770



Tray

Sheet steel, galvanized. External depth 400 mm, internal 386 mm. Load-bearing capacity of 50 kg per storage level.

Item	Order no.
LW 31010	Tray 145790
LWT 386/2386	Divider 18220



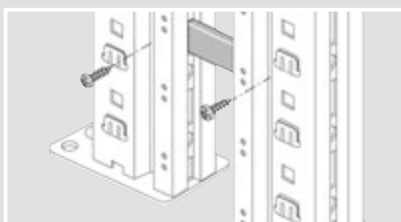
Shelves

Sheet steel, painted bright silver. 30 mm high. The floors feature rows of slots with a 41 mm spacing. Free-standing dividers can be inserted into the slots for lengthwise partitioning.

Note: The maximum load capacity can only be used with the starter bay design.

Item	Rack depth (mm)	Order no.
ZB 4413 L	400	27010
ZB 4513 L	500	27030

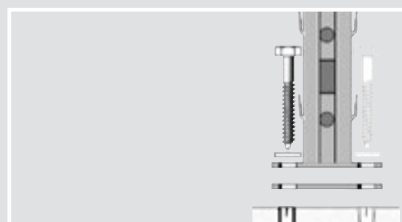
Order no. = in stock



Frame connector

Sheet steel, galvanized. For connecting double-row rack fields. 30 mm spacing. Incl. fixing kit.

Item	Order no.
RV 3030	147090



Floor fixing

For anchoring the racks to the floor. Consists of screws, dowels and washers.

Item	Order no.
BF 3000	145710

Cantilever racking for light to medium loads

The ability to rapidly modify the storage system pays off on a day-to-day basis when staging material and storing pipes, profiles or long, bulky materials. The KRM cantilever racking system is the right choice for single- or double-face use, partitioning the cantilever racking or with storage trays. No tools are required to adjust the cantilever arms.



- ▶ **Load-bearing capacity**
Up to 2,300 kg per rack side with uniform height division
- ▶ **System hole pattern**
with adjustment spacing 50 : 50 mm
- ▶ **Bolting system**
Support profiles are bolted together with horizontal braces to form rack rows and reinforced with cross braces in every 4th rack field
- ▶ **On-line shelving and storage**
of pipes, profiles or long, bulky materials
- ▶ **Easy assembly**
with only a few components
- ▶ **Single- or double-face racks**
- ▶ **Attachable cantilevers**
enable adjustment without tools
- ▶ **Robust construction**
- ▶ **Solid base**

KRM system design



Cantilever arms
page E10

Dividing pins
page E11

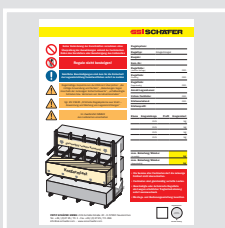
Storage trays
page E11

Cantilever upright
(single-face)
page E10

Horizontal braces
page E10

Cantilever uprights
(double-face)
page E10

Cross braces
page E11



Load sign



Cantilever arm



Dividing pins

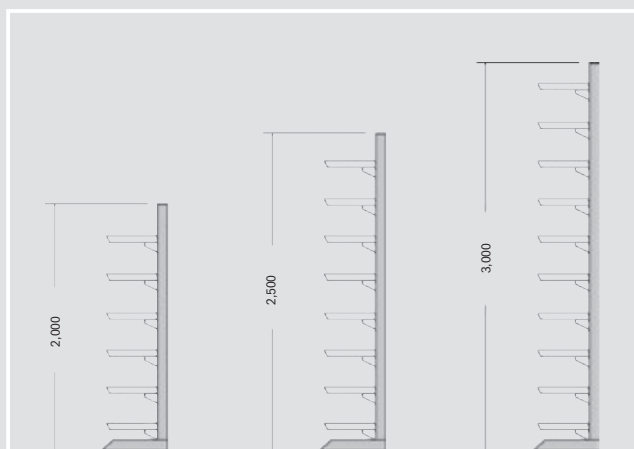


Storage tray



Horizontal brace

KRM cantilever upright and accessories



Cantilever upright, single-face

Steel, galvanized. Configuration system 50 : 50 mm, foot profiles made of angled profiles in Gentian Blue RAL 5010 for uniform load distribution on the floor. 2 horizontal braces required to connect cantilever uprights.

Item	Upright height (mm)	Usable depth (mm)	Total depth (mm)	Load (kg)	Order no.
KRM-KASE200400	2,000	400	700	2,300	6689906
KRM-KASE200500		500	800	1,900	6689907
KRM-KASE200600		600	900	1,650	6689908
KRM-KASE200800		800	1,100	1,200	6689909
KRM-KASE250400	2,500	400	700	2,150	6689910
KRM-KASE250500		500	800	1,750	6689911
KRM-KASE250600		600	900	1,500	6689912
KRM-KASE250800		800	1,100	1,000	6689913
KRM-KASE300400	3,000	400	700	2,000	6689914
KRM-KASE300500		500	800	1,600	6689915
KRM-KASE300600		600	900	1,350	6689916
KRM-KASE300800		800	1,100	950	6689917



Horizontal braces

Steel, galvanized. 2 horizontal braces required to connect cantilever uprights.

Item	Center distance (mm)	Order no.
KRM-LV06	600	6689930
KRM-LV08	800	6689931
KRM-LV10	1,000	6689932
KRM-LV12	1,250	6689933
KRM-LV15	1,500	6689934



GALVANIZED



Cantilever upright

GENTIAN BLUE


Feet,
Cantilever arms

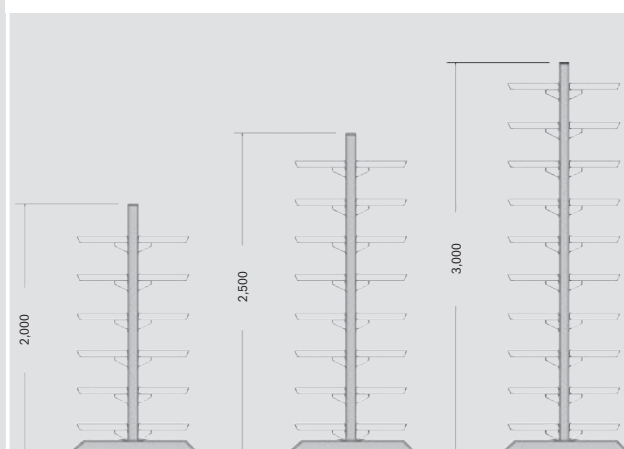
RAL 5010

► Cantilever uprights

Load specifications apply to each side of the rack in the case of uniform height distribution of the cantilever arms

► Cantilever arms

Load specifications apply for uniformly distributed loads



Cantilever uprights, double-face

Steel, galvanized. Configuration system 50 : 50 mm, foot profiles made of angled profiles in Gentian Blue RAL 5010 for uniform load distribution on the floor. 2 horizontal braces required to connect cantilever uprights.

Item	Upright height (mm)	Usable depth (mm)	Total depth (mm)	Load (kg/side)	Order no.
KRM-KASD200400	2,000	400	1,040	2,300	6689918
KRM-KASD200500		500	1,240	1,900	6689919
KRM-KASD200600		600	1,440	1,650	6689920
KRM-KASD200800		800	1,840	1,200	6689921
KRM-KASD250400	2,500	400	1,040	2,150	6689922
KRM-KASD250500		500	1,240	1,750	6689923
KRM-KASD250600		600	1,440	1,500	6689924
KRM-KASD250800		800	1,840	1,000	6689925
KRM-KASD300400	3,000	400	1,040	2,000	6689926
KRM-KASD300500		500	1,240	1,600	6689927
KRM-KASD300600		600	1,440	1,350	6689928
KRM-KASD300800		800	1,840	950	6689929



Cantilever arms

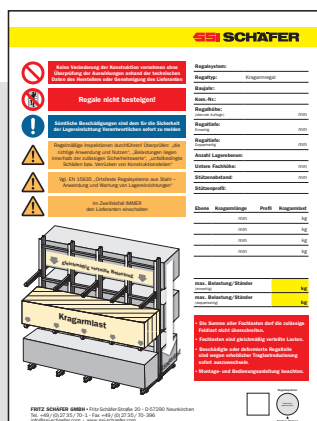
Steel, painted: Gentian Blue, RAL 5010. Adjustable without tools, adjusting grid 50 : 50 mm, including holes for dividing pins.

Item	Cantilever arm length (mm)	Load (kg)	Order no.
KRM-KA400	400	350	6689902
KRM-KA500	500	300	6689903
KRM-KA600	600	250	6689904
KRM-KA800	800	180	6689905

Order no. = in stock

Mandatory labeling

The regulations of the trade associations demand labeling of rack facilities with all the necessary load specifications



Load signs

Item	Width (mm)	Height (mm)	Type	Order no.
KRTS 7050	450	600	Aluminum, incl. fixing kit.	on req. *
TS 0615	60	150	PVC adhesive film	on req. *

* The technical data is defined via a time sheet. It is offered and invoiced as part of the price of the sign.

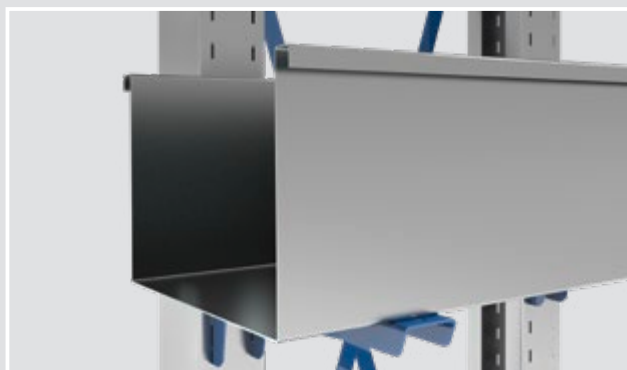
Floor anchor

Cantilever racking need to be anchored using expansion anchorsto ensure the stability of the racks. For single-face cantilever racking 6, for double-face cantilever racking 8 expansion anchors are required.

Item	Order no.
BA 10 SL M 10 expansion anchor	67030



KRM accessories



Storage trays

Sheet steel, galvanized, 250 mm high. For storing of residual pieces, plastic pipes, hoses, etc.

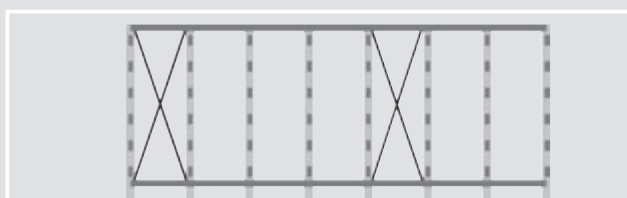
Item	For usable depth/ cantilever arm length (mm)	Internal width (mm)	Length (mm)	Panel thickness (mm)	Order no.
KLW 1542	400	360	1,500	2.0	124510
KLW 2042			2,000	2.0	124130
KLW 2043			2,000	3.0	124520
KLW 2543			2,500	3.0	124530
KLW 1552	500	460	1,500	2.0	124540
KLW 1553			1,500	3.0	124550
KLW 2053			2,000	3.0	124560
KLW 2553			2,500	3.0	124570
KLW 1563	600	560	1,500	3.0	124580
KLW 2063			2,000	3.0	124210
KLW 2563			2,500	3.0	124590



Dividing pins

Steel, galvanized. Made of tube profile, including screw fastening.

Item	Usable height (mm)	Order no.
KED 105	50	124250
KED 110	100	124260
KED 115	150	124270



Cross braces

Steel, painted: Gentian Blue, RAL 5010. Cross braces are required for every fourth rack field in order to stabilize the racks. Includes fixing kit.

Item	Center distance (mm)	Upright height (mm)	Order no.
KRM-KVB200060	600	2,000	6689935
KRM-KVB250060		2,500	6689940
KRM-KVB300060		3,000	6689945
KRM-KVB200080	800	2,000	6689936
KRM-KVB250080		2,500	6689941
KRM-KVB300080		3,000	6689946
KRM-KVB200100	1,000	2,000	6689937
KRM-KVB250100		2,500	6689942
KRM-KVB300100		3,000	6689947
KRM-KVB200125	1,250	2,000	6689938
KRM-KVB250125		2,500	6689943
KRM-KVB300125		3,000	6689948
KRM-KVB200150	1,500	2,000	6689939
KRM-KVB250150		2,500	6689944
KRM-KVB300150		3,000	6689949

Cantilever racking for medium to heavy loads

Cantilever racking for medium and heavy loads are utilized for an extensive range of warehousing applications. The requirements are diverse. As such, the storage system has to be adapted to goods and not vice versa.

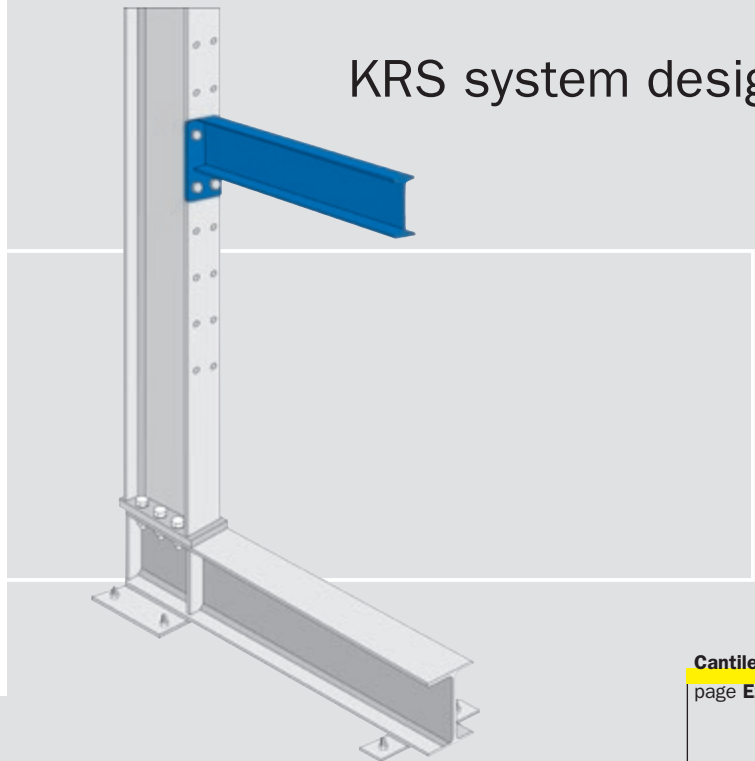
The KRS system has limitless versatility with regard to dimensions and capacity. The usage options range from manual to automated operation, stationary or mobile. The system can be installed indoors or, upon request, outdoors.





- ▶ **Load-bearing capacity**
up to 14,000 kg per rack side with uniform height division
- ▶ **System hole pattern**
with adjustment spacing 100 : 100 mm
- ▶ **Upright design made of bolted supports and foot profiles**
Can also be retrofitted by replacing the foot profiles – between single and double-face designs
- ▶ **Bolting system**
support profiles are bolted together with horizontal braces to form rack rows and reinforced with cross braces in every 4th rack field
- ▶ **Storage**
of heavy, bulky materials and goods
- ▶ **Universally usable**
in halls or outdoors, for manual or automated operation, stationary or mobile installations possible
- ▶ **Easy assembly**
with only a few components
- ▶ **Single- or double-face racks**
- ▶ **Bolted cantilever arms**
- ▶ **Robust construction**

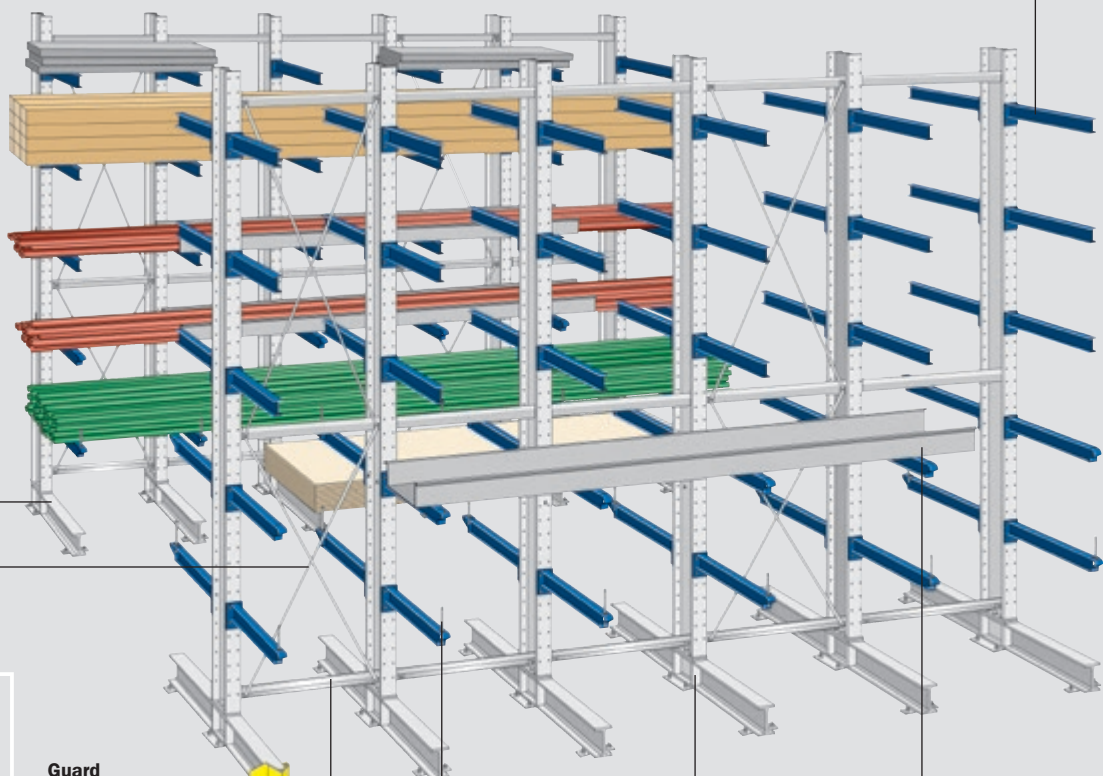
KRS system design



Cantilever arms
page **E18**

Cantilever upright
(single-face)
page **E14 – E15**

Cross braces
page **E20**



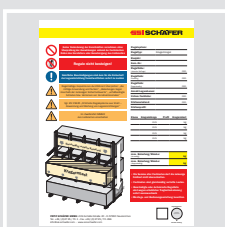
Guard
page **E20**

Horizontal braces
page **E20**

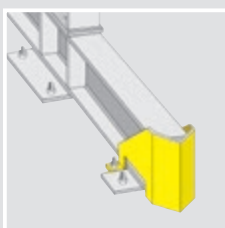
End stop
page **E21**

Cantilever uprights
(double-face)
page **E16 – E17**

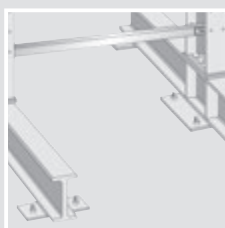
Storage trays
page **E19**



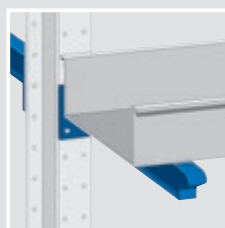
Load sign



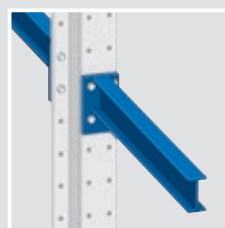
Guard



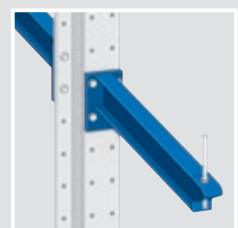
Horizontal braces



Storage tray



Bolted cantilever arm



Cantilever arm with end stop

KRS single-face cantilever upright



DUST GRAY



Cantilever upright

► High stability

the supports and foot profiles are made of solid, hot rolled IPE profiles and are bolted together to create a stable cantilever upright. The foot profiles safely transfer the loads to the floor.

The static design complies with the current regulations in accordance with BGR 234.

► System hole pattern

with adjustment spacing 100 : 100 mm

► Version

steel, painted: Dust Gray, RAL 7037

► Cantilever uprights

Load specifications apply to each side of the rack in the case of uniform height distribution of the cantilever arms.



Other upright heights and usage depths

on request



Upright height 2,500 mm

Item	Usable depth (mm)	Total depth (mm)	Upright profile	Load (kg)	Order no.
KSEX 250418	400	640	IPE 180	6,110	661280
KSEX 250618	600	840	IPE 180	4,800	661282
KSEX 250818	800	1,040	IPE 180	3,900	661283
KSEX 251018	1,000	1,240	IPE 180	3,340	661284
KSEX 251218	1,250	1,490	IPE 180	2,610	661285



Upright height 3,000 mm

KSEX 300418	400	640	IPE 180	5,300	661287
KSEX 300420		660	IPE 200	7,140	661308
KSEX 300618	600	840	IPE 180	4,170	661289
KSEX 300620		860	IPE 200	5,730	661310
KSEX 300818	800	1,040	IPE 180	3,560	661290
KSEX 300820		1,060	IPE 200	4,750	661311
KSEX 301018	1,000	1,240	IPE 180	3,025	661291
KSEX 301020		1,260	IPE 200	4,155	661312
KSEX 301218	1,250	1,490	IPE 180	2,280	661292
KSEX 301220		1,510	IPE 200	3,375	661313



Upright height 3,500 mm

KSEX 350618	600	840	IPE 180	4,690	661294
KSEX 350620		860	IPE 200	6,515	661315
KSEX 350622		880	IPE 220	8,520	661336
KSEX 350818	800	1,040	IPE 180	3,380	661295
KSEX 350820		1,060	IPE 200	5,000	661316
KSEX 350822		1,080	IPE 220	7,000	661337
KSEX 351018	1,000	1,240	IPE 180	2,590	661296
KSEX 351020		1,260	IPE 200	3,830	661317
KSEX 351022		1,280	IPE 220	5,510	661338
KSEX 351218	1,250	1,490	IPE 180	1,965	661297
KSEX 351220		1,510	IPE 200	2,910	661318
KSEX 351222		1,530	IPE 220	4,185	661339
KSEX 351518	1,500	1,740	IPE 180	1,535	661298
KSEX 351520		1,760	IPE 200	2,295	661319
KSEX 351522		1,780	IPE 220	3,310	661340
KSEX 352018	2,000	2,240	IPE 180	1,010	661300
KSEX 352020		2,260	IPE 200	1,530	661321
KSEX 352022		2,280	IPE 220	2,230	661342

Order no. = in stock

► **Floor anchor**
see page E19

KRS single-face cantilever upright

Upright height 4,000 mm

Item	Usable depth (mm)	Total depth (mm)	Upright profile	Load (kg)	Order no.
KSEX 400620	600	860	IPE 200	5,980	661322
KSEX 400622		880	IPE 220	8,400	661343
KSEX 400624		900	IPE 240	10,700	661371
KSEX 400820	800	1,060	IPE 200	4,360	661323
KSEX 400822		1,080	IPE 220	6,250	661344
KSEX 400824		1,100	IPE 240	8,800	661372
KSEX 401020	1,000	1,260	IPE 200	3,360	661324
KSEX 401022		1,280	IPE 220	4,830	661345
KSEX 401024		1,300	IPE 240	6,810	661373
KSEX 401220	1,250	1,510	IPE 200	2,550	661325
KSEX 401222		1,530	IPE 220	3,670	661346
KSEX 401224		1,550	IPE 240	5,200	661374
KSEX 401520	1,500	1,760	IPE 200	2,020	661326
KSEX 401522		1,780	IPE 220	2,920	661347
KSEX 401524		1,800	IPE 240	4,140	661375
KSEX 402020	2,000	2,260	IPE 200	1,340	661328
KSEX 402022		2,280	IPE 220	1,960	661349
KSEX 402024		2,300	IPE 240	2,810	661377



Upright height 5,000 mm

KSEX 500622	600	880	IPE 220	6,670	661357
KSEX 500624		900	IPE 240	9,360	661385
KSEX 500627		930	IPE 270	14,010	661420
KSEX 500822	800	1,080	IPE 220	4,880	661358
KSEX 500824		1,100	IPE 240	6,870	661386
KSEX 500827		1,130	IPE 270	10,260	661421
KSEX 501022	1,000	1,280	IPE 220	3,780	661359
KSEX 501024		1,300	IPE 240	5,350	661387
KSEX 501027		1,330	IPE 270	7,960	661422
KSEX 501222	1,250	1,530	IPE 220	2,890	661360
KSEX 501224		1,550	IPE 240	4,090	661388
KSEX 501227		1,580	IPE 270	6,140	661423
KSEX 501522	1,500	1,780	IPE 220	2,280	661361
KSEX 501524		1,800	IPE 240	3,250	661389
KSEX 501527		1,830	IPE 270	4,910	661424
KSEX 502022	2,000	2,280	IPE 220	1,550	661363
KSEX 502024		2,300	IPE 240	2,230	661391
KSEX 502027		2,330	IPE 270	3,400	661426



Upright height 6,000 mm

KSEX 600624	600	900	IPE 240	7,590	661399
KSEX 600627		930	IPE 270	11,420	661434
KSEX 600824	800	1,100	IPE 240	5,640	661400
KSEX 600827		1,130	IPE 270	8,360	661435
KSEX 600830		1,160	IPE 300	12,140	661463
KSEX 601024	1,000	1,300	IPE 240	4,370	661401
KSEX 601027		1,330	IPE 270	6,570	661436
KSEX 601030		1,360	IPE 300	9,530	661464
KSEX 601224	1,250	1,550	IPE 240	3,350	661402
KSEX 601227		1,580	IPE 270	5,050	661437
KSEX 601230		1,610	IPE 300	7,390	661465
KSEX 601524	1,500	1,800	IPE 240	2,690	661403
KSEX 601527		1,830	IPE 270	4,070	661438
KSEX 601530		1,860	IPE 300	5,940	661466
KSEX 602024	2,000	2,300	IPE 240	1,820	661405
KSEX 602027		2,330	IPE 270	2,790	661440
KSEX 602030		2,360	IPE 300	4,120	661468



KRS double-face cantilever uprights



DUST GRAY



Cantilever upright

RAL 7037

► High stability

the supports and foot profiles are made of solid, hot rolled IPE profiles and are bolted together to create a stable cantilever upright. The foot profiles safely transfer the loads to the floor.

The static design complies with the current regulations in accordance with BGR 234.

► System hole pattern

with adjustment spacing 100 : 100 mm

► Version

steel, painted: Dust Gray, RAL 7037

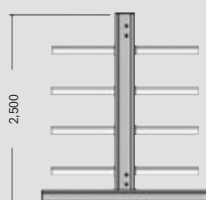
► Cantilever uprights

Load specifications apply to each side of the rack in the case of uniform height distribution of the cantilever arms



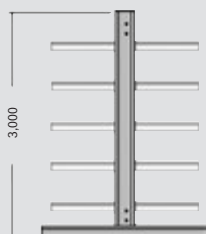
Other upright heights and usage depths

on request



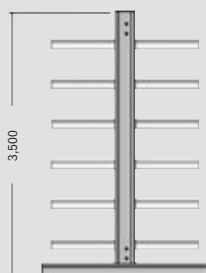
Upright height 2,500 mm

Item	Usable depth (mm)	Total depth (mm)	Upright profile	Load (kg/side)	Order no.
KSDX 250418	400	1,100	IPE 180	6,290	661532
KSDX 250618	600	1,500	IPE 180	4,940	661534
KSDX 250818	800	1,900	IPE 180	4,050	661535
KSDX 251018	1,000	2,300	IPE 180	3,470	661536
KSDX 251218	1,250	2,800	IPE 180	2,710	661537



Upright height 3,000 mm

KSDX 300418	400	1,100	IPE 180	5,450	661539
KSDX 300420		1,120	IPE 200	7,350	661560
KSDX 300618	600	1,500	IPE 180	4,290	661541
KSDX 300620		1,520	IPE 200	5,900	661562
KSDX 300818	800	1,900	IPE 180	3,700	661542
KSDX 300820		1,920	IPE 200	4,940	661563
KSDX 301018	1,000	2,300	IPE 180	3,140	661543
KSDX 301020		2,320	IPE 200	4,320	661564
KSDX 301218	1,250	2,800	IPE 180	2,390	661544
KSDX 301220		2,820	IPE 200	3,540	661565



Upright height 3,500 mm

KSDX 350618	600	1,500	IPE 180	4,870	661546
KSDX 350620		1,520	IPE 200	6,710	661567
KSDX 350622		1,540	IPE 220	8,770	661588
KSDX 350818	800	1,900	IPE 180	3,480	661547
KSDX 350820		1,920	IPE 200	5,150	661568
KSDX 350822		1,940	IPE 220	7,210	661589
KSDX 351018	1,000	2,300	IPE 180	2,690	661548
KSDX 351020		2,320	IPE 200	3,980	661569
KSDX 351022		2,340	IPE 220	5,730	661590
KSDX 351218	1,250	2,800	IPE 180	2,040	661549
KSDX 351220		2,820	IPE 200	3,020	661570
KSDX 351222		2,840	IPE 220	4,350	661591
KSDX 351518	1,500	3,300	IPE 180	1,610	661550
KSDX 351520		3,320	IPE 200	2,410	661571
KSDX 351522		3,340	IPE 220	3,475	661592
KSDX 352018	2,000	4,300	IPE 180	1,080	661552
KSDX 352020		4,320	IPE 200	1,630	661573
KSDX 352022		4,340	IPE 220	2,380	661594

Order no. = in stock

► **Floor anchor**
see page E19

KRS double-face cantilever uprights

Upright height 4,000 mm

Item	Usable depth (mm)	Total depth (mm)	Upright profile	Load (kg/side)	Order no. 
KSDX 400620	600	1,520	IPE 200	6,150	661574
KSDX 400622		1,540	IPE 220	8,650	661595
KSDX 400624		1,560	IPE 240	11,020	661623
KSDX 400820	800	1,920	IPE 200	4,490	661575
KSDX 400822		1,940	IPE 220	6,430	661596
KSDX 400824		1,960	IPE 240	9,060	661624
KSDX 401020	1,000	2,320	IPE 200	3,490	661576
KSDX 401022		2,340	IPE 220	5,020	661597
KSDX 401024		2,360	IPE 240	7,080	661625
KSDX 401220	1,250	2,820	IPE 200	2,650	661577
KSDX 401222		2,840	IPE 220	3,810	661598
KSDX 401224		2,860	IPE 240	5,400	661626
KSDX 401520	1,500	3,320	IPE 200	2,120	661578
KSDX 401522		3,340	IPE 220	3,060	661599
KSDX 401524		3,360	IPE 240	4,340	661627
KSDX 402020	2,000	4,320	IPE 200	1,430	661580
KSDX 402022		4,340	IPE 220	2,090	661601
KSDX 402024		4,360	IPE 240	3,000	661629



Upright height 5,000 mm

KSDX 500622	600	1,540	IPE 220	6,870	661609
KSDX 500624		1,560	IPE 240	9,670	661637
KSDX 500627		1,590	IPE 270	14,410	661672
KSDX 500822	800	1,940	IPE 220	5,020	661610
KSDX 500824		1,960	IPE 240	7,070	661638
KSDX 500827		1,990	IPE 270	10,560	661673
KSDX 501022	1,000	2,340	IPE 220	3,930	661611
KSDX 501024		2,360	IPE 240	5,560	661639
KSDX 501027		2,390	IPE 270	8,270	661674
KSDX 501222	1,250	2,840	IPE 220	3,005	661612
KSDX 501224		2,860	IPE 240	4,250	661640
KSDX 501227		2,890	IPE 270	6,380	661675
KSDX 501522	1,500	3,340	IPE 220	2,390	661613
KSDX 501524		3,360	IPE 240	3,410	661641
KSDXN 501527		3,390	IPE 270	5,150	661676
KSDX 502022	2,000	4,340	IPE 220	1,650	661615
KSDX 502024		4,360	IPE 240	2,380	661643
KSDX 502027		4,390	IPE 270	3,630	661678



Upright height 6,000 mm

KSDX 600624	600	1,560	IPE 240	7,810	661651
KSDX 600627		1,590	IPE 270	11,760	661686
KSDX 600824	800	1,960	IPE 240	5,800	661652
KSDX 600827		1,990	IPE 270	8,610	661687
KSDX 600830		2,020	IPE 300	12,500	661715
KSDX 601024	1,000	2,360	IPE 240	4,540	661653
KSDX 601027		2,390	IPE 270	6,830	661688
KSDX 601030		2,420	IPE 300	9,910	661716
KSDX 601224	1,250	2,860	IPE 240	3,480	661654
KSDX 601227		2,890	IPE 270	5,250	661689
KSDX 601230		2,920	IPE 300	7,680	661717
KSDX 601524	1,500	3,360	IPE 240	2,820	661655
KSDX 601527		3,390	IPE 270	4,270	661690
KSDX 601530		3,420	IPE 300	6,230	661718
KSDX 602024	2,000	4,360	IPE 240	1,940	661657
KSDX 602027		4,390	IPE 270	2,980	661692
KSDX 602030		4,420	IPE 300	4,405	661720



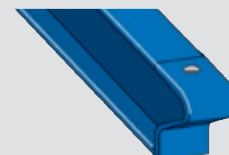
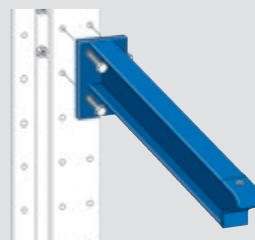
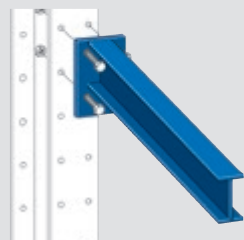
KRS cantilever arms

► Cantilever arms

Load specifications apply for uniformly distributed loads

Cantilever arms for IPE 180 and IPE 200 upright profiles

Steel, painted: Gentian Blue, RAL 5010. With welded top plate, optionally with or without deflector. Adjustment 100 : 100 mm.



Without deflector

Item	Usable depth (mm)	Cantilever arm profile	Load (kg)	Order no.
KASX 0408.2	400	INP 80	1,445	661036
KASX 0410.2		INP 100	2,415	661054
KASX 0608.2	600	INP 80	1,030	661038
KASX 0610.2		INP 100	1,755	661056
KASX 0808.2	800	INP 80	810	661039
KASX 0810.2		INP 100	1,370	661057
KASX 1008.2	1,000	INP 80	640	661040
KASX 1010.2		INP 100	1,120	661058
KASX 1208.2	1,250	INP 80	505	661041
KASX 1210.2		INP 100	885	661059
KASX 1508.2	1,500	INP 80	380	661042
KASX 1510.2		INP 100	730	661060
KASX 2008.2	2,000	INP 80	215	661044
KASX 2010.2		INP 100	470	661062

With deflector

Item	Usable depth (mm)	Cantilever arm profile	Load (kg)	Order no.
KASX 0408.2R	400	INP 80	1,445	661045
KASX 0410.2R		INP 100	2,415	661063
KASX 0608.2R	600	INP 80	1,030	661047
KASX 0610.2R		INP 100	1,755	661065
KASX 0808.2R	800	INP 80	810	661048
KASX 0810.2R		INP 100	1,370	661066
KASX 1008.2R	1,000	INP 80	640	661049
KASX 1010.2R		INP 100	1,120	661067
KASX 1208.2R	1,250	INP 80	505	661050
KASX 1210.2R		INP 100	885	661068
KASX 1508.2R	1,500	INP 80	380	661051
KASX 1510.2R		INP 100	730	661069
KASX 2008.2R	2,000	INP 80	215	661053
KASX 2010.2R		INP 100	470	661071

Cantilever arms for IPE 220 – IPE 300 upright profiles

Steel, painted: Gentian Blue, RAL 5010. With welded top plate, optionally with or without deflector. Adjustment 100 : 100 mm.

Without deflector

Item	Usable depth (mm)	Cantilever arm profile	Load (kg)	Order no.
KASX 0408.3	400	INP 80	1,445	661108
KASX 0410.3		INP 100	2,415	661126
KASX 0608.3	600	INP 80	1,030	661110
KASX 0610.3		INP 100	1,755	661128
KASX 0612.3		INP 120	2,720	661144
KASX 0614.3		INP 140	3,035	661158
KASX 0808.3	800	INP 80	810	661111
KASX 0810.3		INP 100	1,370	661129
KASX 0812.3		INP 120	2,150	661145
KASX 0814.3		INP 140	3,125	661159
KASX 1008.3	1,000	INP 80	640	661112
KASX 1010.3		INP 100	1,120	661130
KASX 1012.3		INP 120	1,755	661146
KASX 1014.3		INP 140	2,585	661160
KASX 1208.3	1,250	INP 80	505	661113
KASX 1210.3		INP 100	885	661131
KASX 1212.3		INP 120	1,420	661147
KASX 1214.3		INP 140	2,110	661161
KASX 1508.3	1,500	INP 80	380	661114
KASX 1510.3		INP 100	730	661132
KASX 1512.3		INP 120	1,170	661148
KASX 1514.3		INP 140	1,755	661162
KASX 2008.3	2,000	INP 80	215	661116
KASX 2010.3		INP 100	470	661134
KASX 2012.3		INP 120	850	661150
KASX 2014.3		INP 140	1,285	661164

With deflector

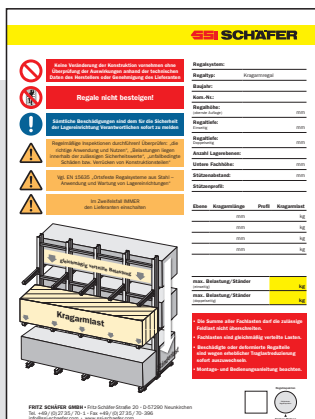
Item	Usable depth (mm)	Cantilever arm profile	Load (kg)	Order no.
KASX 0408.3R	400	INP 80	1,445	661117
KASX 0410.3R		INP 100	2,415	661135
KASX 0608.3R	600	INP 80	1,030	661119
KASX 0610.3R		INP 100	1,755	661137
KASX 0612.3R		INP 120	2,720	661151
KASX 0614.3R		INP 140	3,035	661165
KASX 0808.3R	800	INP 80	810	661120
KASX 0810.3R		INP 100	1,370	661138
KASX 0812.3R		INP 120	2,150	661152
KASX 0814.3R		INP 140	3,125	661166
KASX 1008.3R	1,000	INP 80	640	661121
KASX 1010.3R		INP 100	1,120	661139
KASX 1012.3R		INP 120	1,755	661153
KASX 1014.3R		INP 140	2,585	661167
KASX 1208.3R	1,250	INP 80	505	661122
KASX 1210.3R		INP 100	885	661140
KASX 1212.3R		INP 120	1,420	661154
KASX 1214.3R		INP 140	2,110	661168
KASX 1508.3R	1,500	INP 80	380	661123
KASX 1510.3R		INP 100	730	661141
KASX 1512.3R		INP 120	1,170	661155
KASX 1514.3R		INP 140	1,755	661169
KASX 2008.3R	2,000	INP 80	215	661125
KASX 2010.3R		INP 100	470	661143
KASX 2012.3R		INP 120	850	661157
KASX 2014.3R		INP 140	1,285	661171

Order no. = in stock



► **Mandatory labeling**

The regulations of the trade associations demand labeling of rack facilities with all the necessary load specifications



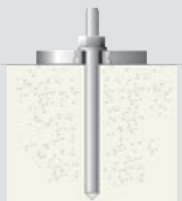
Load signs

Item	Width (mm)	Height (mm)	Type	Order no.
KRTS 7050	450	600	Aluminum, incl. fixing kit.	on req.*
TS 0615	60	150	PVC adhesive film	on req.*

* The technical data is defined via a time sheet. It is offered and invoiced as part of the price of the sign.

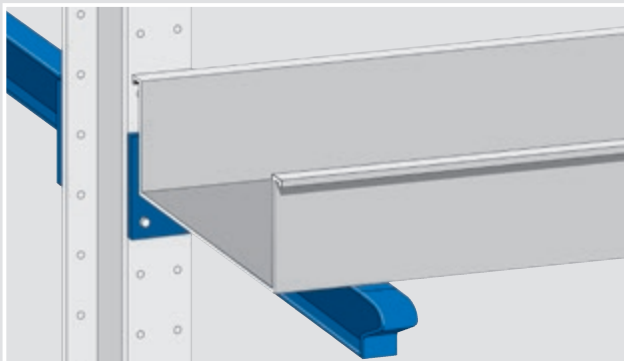
Floor anchor

Cantilever racking needs to be anchored using adhesive anchors to ensure the stability of the racks. For single-face cantilever racking 4, for double-face cantilever racking 6 adhesive anchors are required.



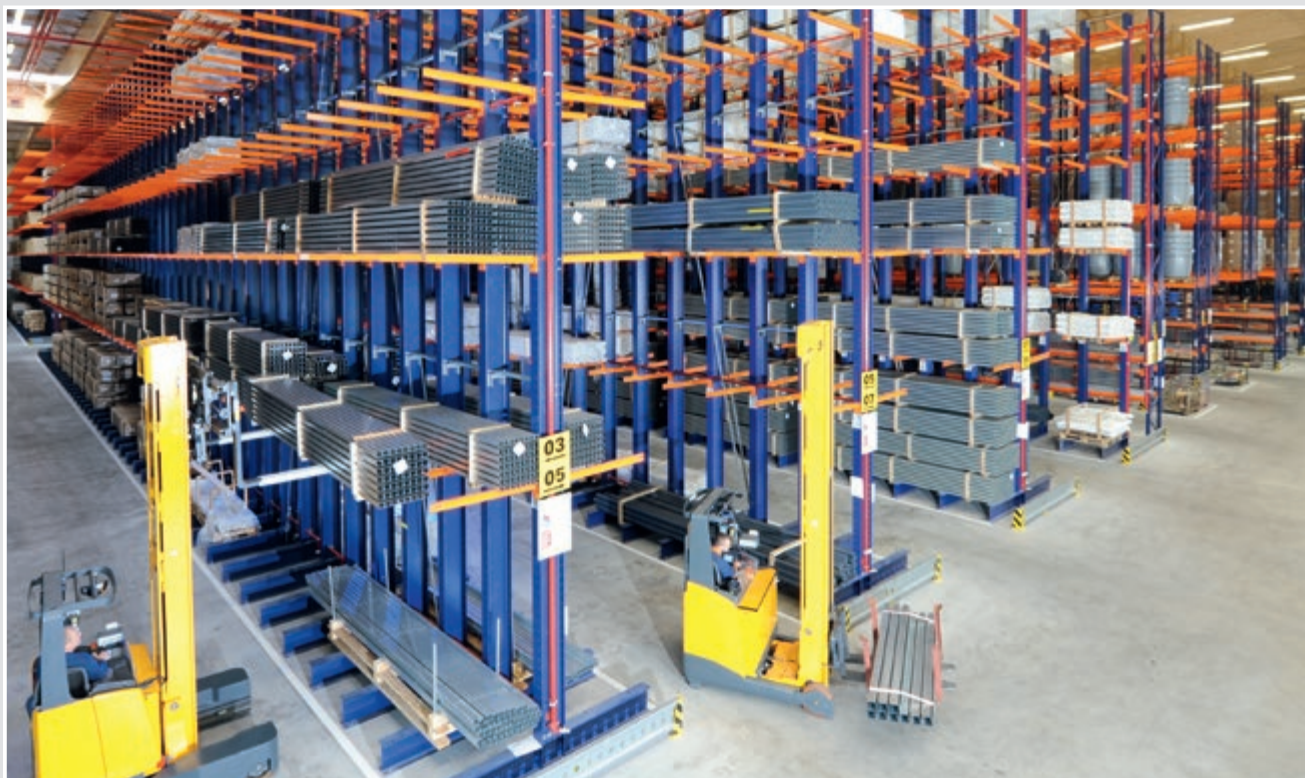
Item	Order no.
BA 12 VA	M 12 adhesive anchor
	1000812

Storage trays



Sheet steel, galvanized, 250 mm high. For storing of residual pieces, plastic pipes, hoses, etc.

Item	For usable depth/ cantilever arm length (mm)	Internal width (mm)	Length (mm)	Panel thickness (mm)	Order no. 
KLW 1542	400	360	1,500	2.0	124510
KLW 2042			2,000	2.0	124130
KLW 2043			2,000	3.0	124520
KLW 2543			2,500	3.0	124530
KLW 1552	500	460	1,500	2.0	124540
KLW 1553			1,500	3.0	124550
KLW 2053			2,000	3.0	124560
KLW 2553			2,500	3.0	124570
KLW 1563	600	560	1,500	3.0	124580
KLW 2063			2,000	3.0	124210
KLW 2563			2,500	3.0	124590

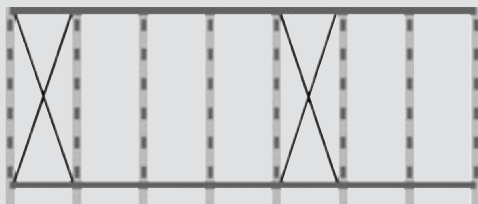




KRS accessories

Single-piece cross braces

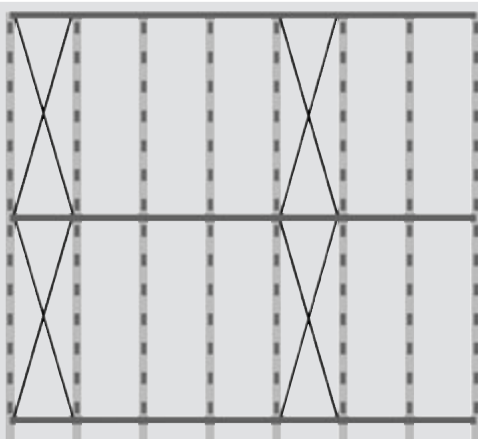
Steel, painted: Dust gray, RAL 7037. Cross braces are required for every fourth rack field in order to stabilize the racks. Includes fixing kit.



Item	Center distance (mm)	Upright height (mm)	Order no.
KVBX 25081	800	2,500	6680971
KVBX 30081		3,000	6680976
KVBX 35081		3,500	6680982
KVBX 25101	1,000	2,500	6680972
KVBX 30101		3,000	6680977
KVBX 35101		3,500	6680983
KVBX 25121	1,250	2,500	6680973
KVBX 30121		3,000	6680978
KVBX 35121		3,500	6680984
KVBX 25151	1,500	2,500	6680974
KVBX 30151		3,000	6680979
KVBX 35151		3,500	6680985

Two-piece cross braces

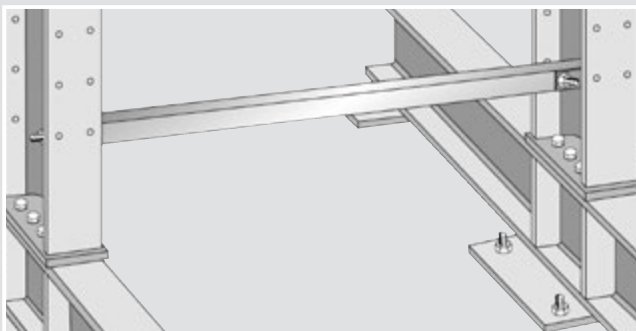
Steel, painted: Dust gray, RAL 7037. Cross braces are required for every fourth rack field in order to stabilize the racks. Includes fixing kit.



KVBX 40082	800	4,000	6680988
KVBX 50082		5,000	6681000
KVBX 60082		6,000	6681012
KVBX 40102	1,000	4,000	6680989
KVBX 50102		5,000	6681001
KVBX 60102		6,000	6681013
KVBX 40122	1,250	4,000	6680990
KVBX 50122		5,000	6681002
KVBX 60122		6,000	6681014
KVBX 40152	1,500	4,000	6680991
KVBX 50152		5,000	6681003
KVBX 60152		6,000	6681015

Horizontal braces

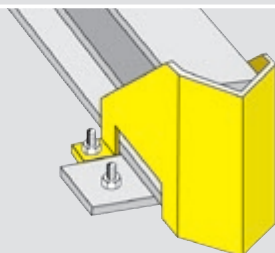
Steel, galvanized. Horizontal braces are required to connect cantilever uprights. Up to upright height 3,500 mm, 2 horizontal braces, above upright height 4,000 mm 3 horizontal braces are required.



Item	Center distance (mm)	Order no.
KLX 08	800	661031
KLX 10	1,000	661032
KLX 12	1,250	661033
KLX 15	1,500	661034

Guard

Steel, painted: Rapeseed Yellow, RAL 1021. For the foot profiles of the cantilever upright, to protect the tires of the storage-retrieval devices. U-shaped, including floor anchors.



Item	Height (mm)	Width (mm)	Order no.
AS 180	180	140	143640
AS 280	280	180	143650

Order no. = in stock

End stop

For cantilevers arms with deflector, plug-in,
painted: Dust gray, RAL 7037.

Item	Usable height (mm)	Order no.
KEA 105	50	162500
KEA 110	100	162510
KEA 115	150	162520

