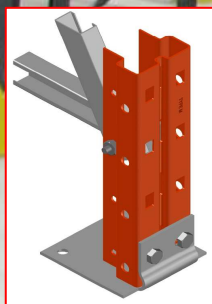




*C-Rack by CORNIX:
storage systems for life!*

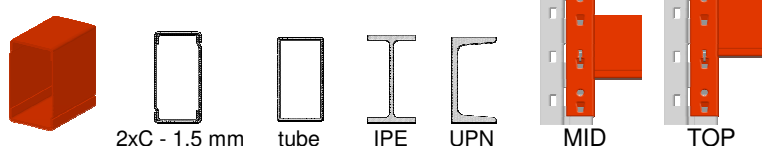


**C-Rack
by CORNIX**

Cornix is manufacturer of storage systems since 1958

C-Rack by CORNIX® • TECHNICAL CHARACTERISTICS

BEAMS



LOAD CHART PALLET LOADS in kg/pair of beams uniformly distributed (according to F.E.M. 10.2.02, maximum deflection 1/200). MID welded = - 38 mm (TOP takes less load). Pallets with regular interspaces on three blocks.

Max. load/connector : 1430 kg

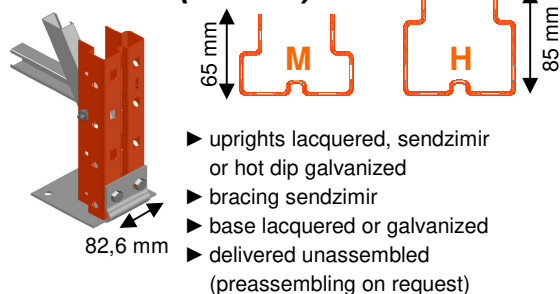
H : maximum height 1st level

H	type	50	60	70	80	95	110	127	140	160
L (mm)	S235	S235	S235	S235	S355	S355	S355	S355	S355	S355
1000	1352					5720	5720	5720	5720	5720
	1800					4470	5325	5720	5720	5720
	2250					2980	4070	5480	5720	5720
	2400					2620	3580	5140	5720	5720
	2700					2070	2830	4200	5255	5720
	3000					1680	2290	3400	4250	5705
	3300					1390	1890	2810	3520	4830
	3600					1170	1590	2360	2960	4060
	3900					990	1355	2015	2520	3460
1500	1352				4750	5720	5720	5720	5720	5720
	1800				3180	4340	5170	5720	5720	5720
	2250				2040	2900	3950	5320	5720	5720
	2400				1790	2550	3480	4990	5720	5720
	2700				1420	2010	2750	4080	5100	5720
	3000				1150	1630	2230	3300	4130	5540
	3300				950	1350	1840	2730	3420	4690
	3600				800	1140	1550	2290	2880	3940
	3900				680	970	1320	1960	2450	3360
2000	1352					5590	5720	5720	5720	5720
	1800					4210	5010	5720	5720	5720
	2250					2810	3830	5160	5720	5720
	2400					2470	3370	4840	5575	5720
	2700					1950	2670	3950	4940	5720
	3000					1580	2160	3200	4000	5370
	3300					1310	1780	2650	3310	4550
	3600					1100	1500	2220	2790	3820
	3900					940	1280	1900	2370	3260
2500	1352					5300	5720	5720	5720	5720
	1800					3980	4740	5720	5720	5720
	2250					2660	3630	4880	5720	5720
	2400					2340	3190	4580	5280	5720
	2700					1850	2520	3740	4680	5640
	3000					1500	2040	3030	3790	5080
	3300					1240	1690	2510	3140	4300
	3600					1050	1420	2110	2640	3620
	3900					890	1210	1800	2250	3080
3000	1352					4820	5720	5720	5720	5720
	1800					3630	4320	5720	5720	5720
	2250					2420	3300	4440	5125	5720
	2400					2130	2900	4170	4800	5720
	2700					1680	2300	3410	4260	5135
	3000					1370	1860	2760	3450	4630
	3300					1130	1540	2280	2860	3920
	3600					950	1290	1920	2400	3290
	3900					810	1100	1640	2050	2810

**NEW :
H225
up to
15 tonnes !**

**Loads only
for deliveries
> 8/2018 !**

FRAMES (bolted)



Upright		M225	M225	H225	H250	H250
Steel type		S355	S390	S390	S355	S390
1st level at max. (mm)	750	11200	12200	15750	19750	21650
	1000	11200	12200	15750	19750	21650
	1250	11200	12200	15750	19750	21650
	1500	10600	11600	14850	18750	20600
	1750	10000	11000	13450	17100	18750
	2000	8850	9800	12100	15450	16800
	2250	7500	8350	10700	13750	14900
	2500	6250	6950	9350	12100	13050
	3000	4200	4750	6900	9100	9750

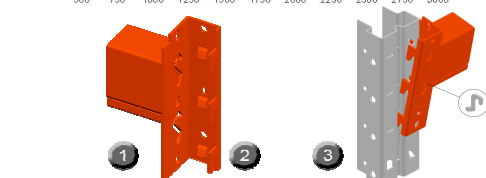
Maximum load per frame with 2700 mm beams.

S175: 1,75 mm / M225/H225: 2,25 mm / H250: 2,50 mm

Steel quality : S355: lacquered or galvanized uprights

S390: sendzimir uprights

**C-Rack by Cornix is a 100 %
Redirack compatible product.**



- 1 A three sided clamping of the upright guarantees a perfect transmission of the beam load onto the upright.
- 2 Six or eight hooks per connector guarantee an optimal beam stability.
- 3 A galvanized safety pin guarantees the interlock with the beam.

Choose the beams first, then the frames. Beams double C welded MID (-38).

Load charts are only valid for new undamaged static storage systems in seismically inactive areas.

C-Rack by CORNIX® • INDUSTRIAL



**C-Rack
by CORNIX**

FRAMES UP TO 28 TONNES
(levels adjustable per 75 mm)
**BEAMS UP TO
5,7 TONNES/PAIR**



Accessories



**Anti collapse
protection**



**C-Rack
by CORNIX**

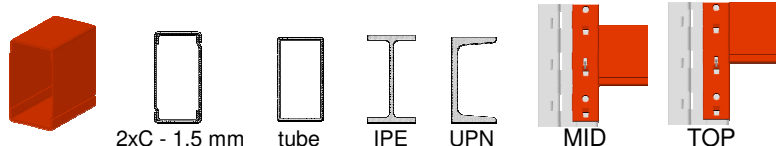
**SLIDING DOORS AND
STRIP CURTAINS
ALSO AVAILABLE**



C-Build

C-Rack by CORNIX® • TECHNICAL CHARACTERISTICS

BEAMS



LOAD CHART PALLET LOADS in kg/pair of beams uniformly distributed (according to F.E.M. 10.2.02, maximum deflection 1/200). MID welded = - 38 mm (TOP takes less load). Pallets with regular interspaces on three blocks.

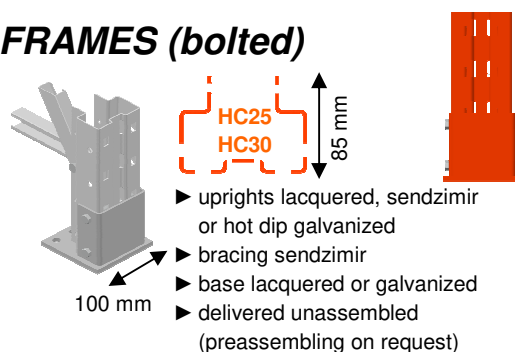
Max. load/connector : 1430 kg H : maximum height 1st level

H	type	50	60	70	80	95	110	127	140	160
L (mm)	S235	S235	S235	S235	S355	S355	S355	S355	S355	S355
1000	1352				5720	5720	5720	5720	5720	5720
	1800				4470	5325	5720	5720	5720	5720
	2250				2980	4070	5480	5720	5720	5720
	2400				2620	3580	5140	5720	5720	5720
	2700				2070	2830	4200	5255	5720	5720
	3000				1680	2290	3400	4250	5705	5720
	3300				1390	1890	2810	3520	4830	5720
	3600				1170	1590	2360	2960	4060	5720
	3900				990	1355	2015	2520	3460	5720
1500	1352				4750	5720	5720	5720	5720	5720
	1800				3180	4340	5170	5720	5720	5720
	2250				2040	2900	3950	5320	5720	5720
	2400				1790	2550	3480	4990	5720	5720
	2700				1420	2010	2750	4080	5100	5720
	3000				1150	1630	2230	3300	4130	5540
	3300				950	1350	1840	2730	3420	4690
	3600				800	1140	1550	2290	2880	3940
	3900				680	970	1320	1960	2450	3360
2000	1352				5590	5720	5720	5720	5720	5720
	1800				4210	5010	5720	5720	5720	5720
	2250				2810	3830	5160	5720	5720	5720
	2400				2470	3370	4840	5575	5720	5720
	2700				1950	2670	3950	4940	5720	5720
	3000				1580	2160	3200	4000	5370	5720
	3300				1310	1780	2650	3310	4550	5720
	3600				1100	1500	2220	2790	3820	5720
	3900				940	1280	1900	2370	3260	5720
2500	1352				5300	5720	5720	5720	5720	5720
	1800				3980	4740	5720	5720	5720	5720
	2250				2660	3630	4880	5720	5720	5720
	2400				2340	3190	4580	5280	5720	5720
	2700				1850	2520	3740	4680	5640	5720
	3000				1500	2040	3030	3790	5080	5720
	3300				1240	1690	2510	3140	4300	5720
	3600				1050	1420	2110	2640	3620	5720
	3900				890	1210	1800	2250	3080	5720
3000	1352				4820	5720	5720	5720	5720	5720
	1800				3630	4320	5720	5720	5720	5720
	2250				2420	3300	4440	5125	5720	5720
	2400				2130	2900	4170	4800	5720	5720
	2700				1680	2300	3410	4260	5135	5720
	3000				1370	1860	2760	3450	4630	5720
	3300				1130	1540	2280	2860	3920	5720
	3600				950	1290	1920	2400	3290	5720
	3900				810	1100	1640	2050	2810	5720

**NEW :
HC25 & HC30
up to
28 tonnes !**

**Loads only
for deliveries
> 8/2018 !**

FRAMES (bolted)



- ▶ uprights lacquered, sendzimir or hot dip galvanized
- ▶ bracing sendzimir
- ▶ base lacquered or galvanized
- ▶ delivered unassembled (preassembling on request)

Upright Steel type	HC25 S355	HC25 S390	HC30 S355	HC30 S390
750	22900	25050	26000	27800
1000	22900	25050	26000	27800
1250	22900	25050	26000	27800
1500	22300	24500	25200	26800
1750	21350	23500	24600	25600
2000	19700	21600	23500	24400
2250	18045	19650	21400	22400
2500	16300	17750	19400	20100
3000	13000	14050	16000	16400

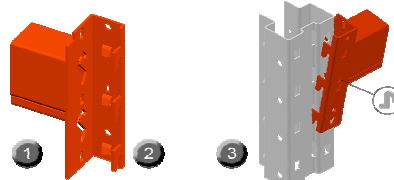
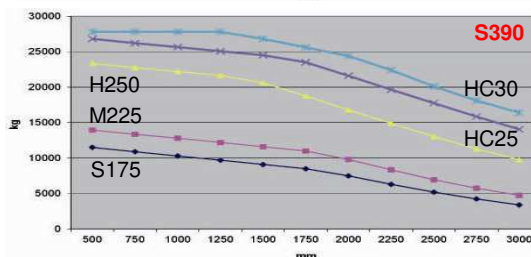
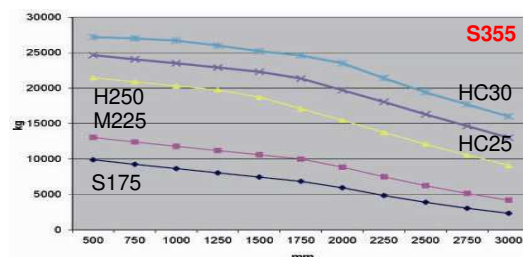
Maximum load per frame with 2700 mm beams.

HC25 = 2,50 mm / HC30 = 3,00 mm

Steel quality : S355: lacquered or galvanized uprights

S390: sendzimir uprights

**C-Rack by Cornix is a 100 %
Redirack compatible product.**

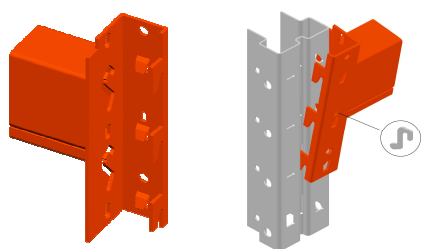


- 1 A three sided clamping of the upright guarantees a perfect transmission of the beam load onto the upright.
- 2 Six or eight hooks per connector guarantee an optimal beam stability.
- 3 A galvanized safety pin guarantees the interlock with the beam.

Choose the beams first, then the frames. Beams double C welded MID (-38).

Load charts are only valid for new undamaged static storage systems in seismically inactive areas.

C-Rack by CORNIX® • BEAMS



EXTRA RIGIDITY

A three sided clamping of the upright (six or eight hooks per bracket in function of the required loads) guarantees a perfect transmission of the beam load onto the upright.

A galvanized safety pin guarantees the interlock with the beam.
(2 pieces per beam)

EXTRA LOAD & MULTIPLE POSSIBILITIES

Interlocking double C section welded box beams with 2 safety pins. High resistance steel S355.

Lengths : 1350 up to 4100 mm depending on the loads.

Height of section : 80 up to 200 mm depending on the requested loads.

IPE or UPN beams also available.

Lengths : a 2700 mm beam has an overall length of 2707 mm i.e.

a section of 2700 mm + 2 x 3,5 mm connectors. The useful length will therefore be 2707 mm.

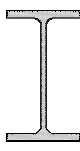
safety
pin



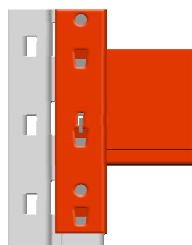
2 x C



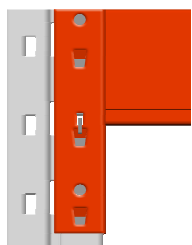
IPE



UPN



MID



TOP

WELDING HEIGHTS

Standard welding height is - 38 mm compared to the top of the connector (= MID welding height).

Other welding heights available on request :

TOP : +/- 3 mm from the connector top.

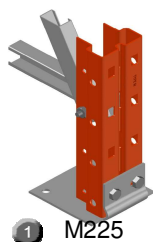
BOT : +/- 3 mm from the connector bottom.

The MID welding height guarantees the highest load. TOP and BOT beams take approximately 15 % less. The load charts are for MID positions.

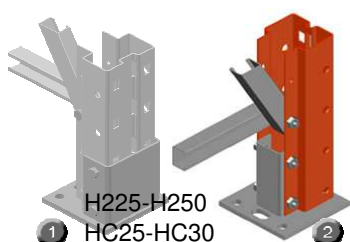
BASES

2 types of bases are available :

- 1 Standard : front base. This base does not allow the installation of a beam in the lower slots of the upright. Height 70 mm (M225) or 115 mm (H).
- 2 Back base. With this base a beam can be installed in the lower slots of the upright. Height 115 mm. Available for all types of frames.



M225



H225-H250
HC25-HC30

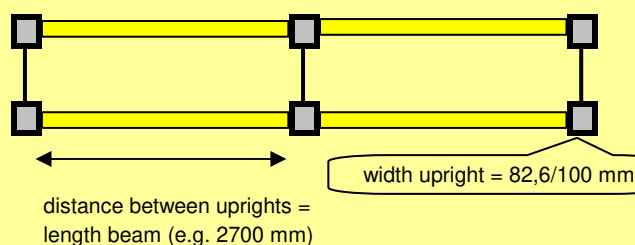
Delivered unassembled. Easy installation.

On request our specialized installers will install your C-Rack® installation with it's accessories.

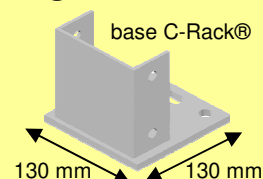
Ask for a free quote !



HOW TO CALCULATE THE LENGTH OF YOUR INSTALLATION ?



depth frame



base C-Rack®

don't forget to add :

- ▶ the upright width : C-Rack® M225, H225 & H250 : 82,6 mm / C-Rack® HC25 & HC30 : 100 mm
- ▶ the overhang of the base plate (47 mm once for the total length of your installation).

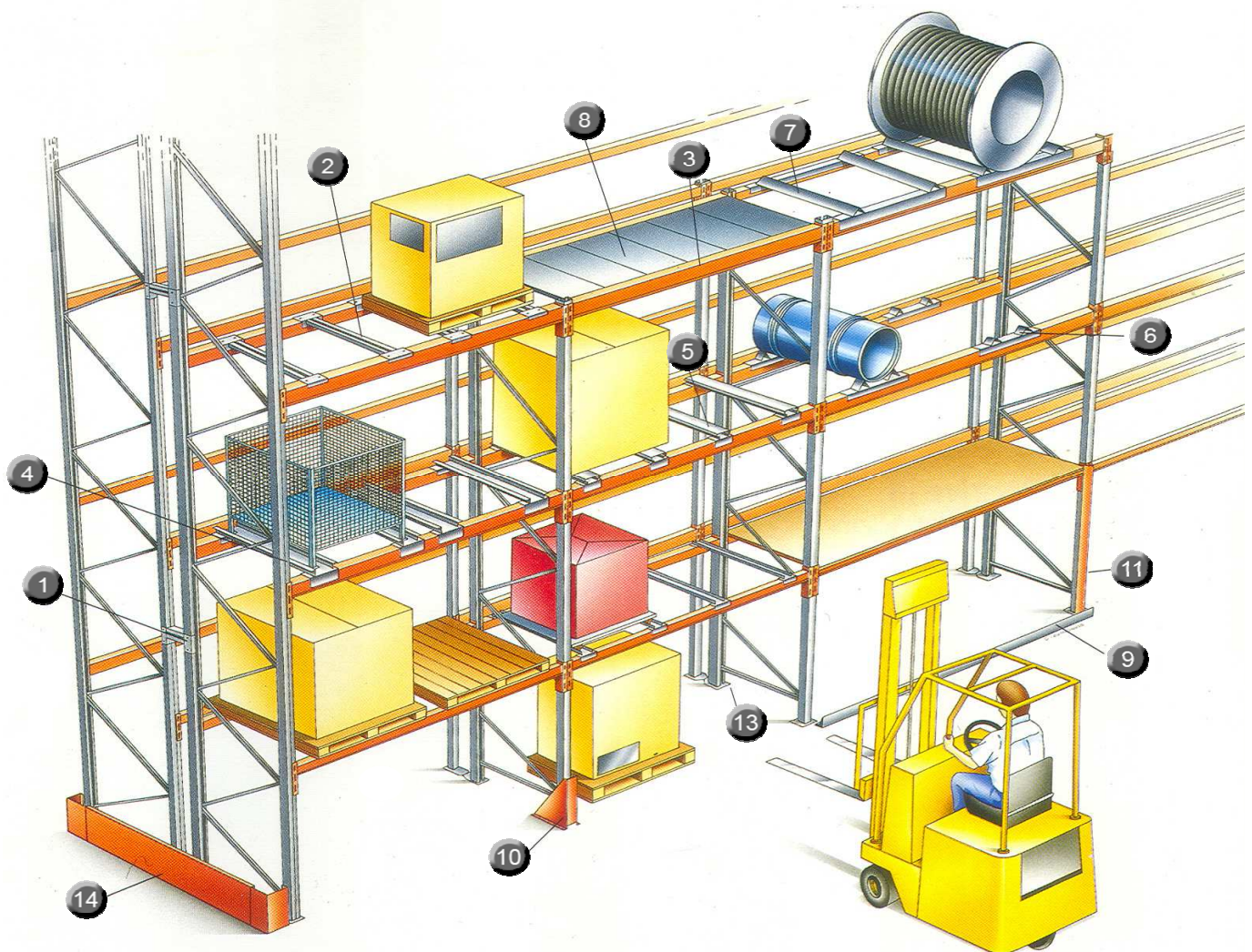
example :

C-Rack® M225, H225/H250 2 bays of 2700 mm make : $2 \times 2707 + 3 \times 82,6 = 5662 \text{ mm} + 47 \text{ mm overhang base plate} = 5709 \text{ mm}$
 C-Rack® HC25 & HC30 2 bays of 2700 mm make : $2 \times 2707 + 3 \times 100 = 5721 \text{ mm} + 30 \text{ mm overhang base plate} = 5751 \text{ mm}$



EUROPE'S FIRST MANUFACTURER
OF STORAGE SYSTEMS

INDUSTRIAL ACCESSORIES



- 1 Frame tie
- 2 Shelf support
- 3 Beam with welded angle
- 4 Pallet skid channels
- 5 Raised shelf support
- 6 Drum cradle
- 7 Drum cradle (chassis)
- 8 Steel shelf
- 9 Section protector Toblerone
- 10 Upright protector
- 11 Upright protector
- 12 Sprinkler brackets
- 13 Steel bases
- 14 Lateral protector Ikea
- 15 Grid shelves
- 16 Wooden shelf
- 17 Safety stops

to keep the frames on a perfect distance and to increase stability.

to support pallets or a wooden shelf.

to install sunk shelves.

for an efficient storage of containers.

to store non palletized goods.

for storage of e.g. drums or cable drums.

this drum cradle supports the drum on the full depth.

modular sunk shelf 149 mm wide.

to protect an entire section from collision damage.

different models available to protect the uprights.

protects the upright over a height of 600, 900 or 1200 mm.

with or without rubber.

for single sided or double sided racks.

for a better distribution of the point loads.

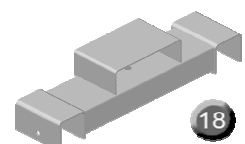
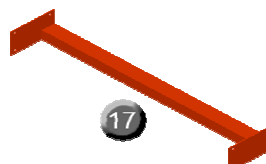
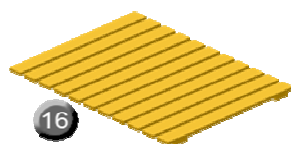
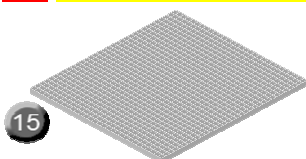
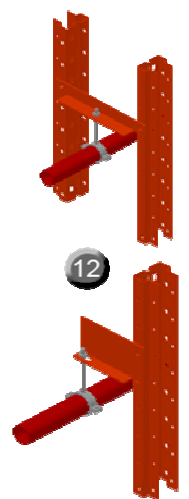
also bigger base plates available (full frame depth).

to protect the lateral side of the frame against collision damage.

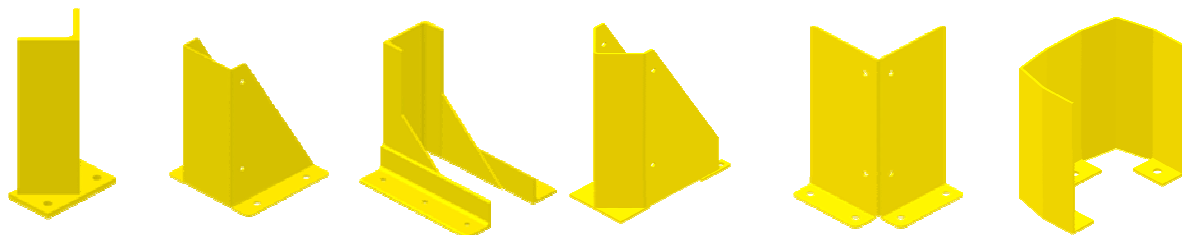
the ideal solution to avoid falling items and/or in case of sprinkler installation.

for some applications a wooden vented shelf may be the right solution.

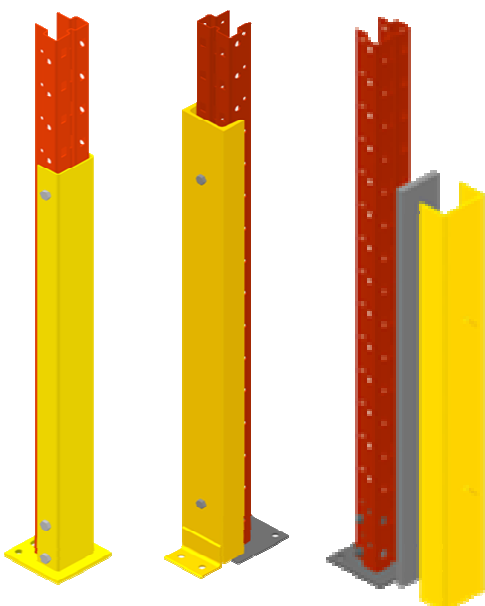
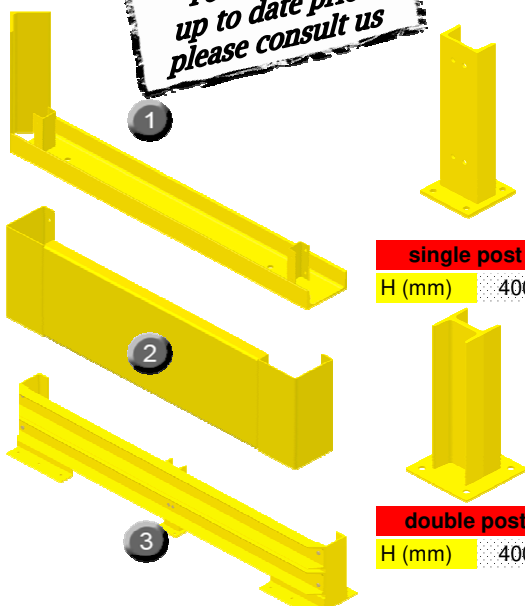
avoids pushing your pallets to far. Special model for sprinklers. (18)



UPRIGHT & FRAME PROTECTIONS

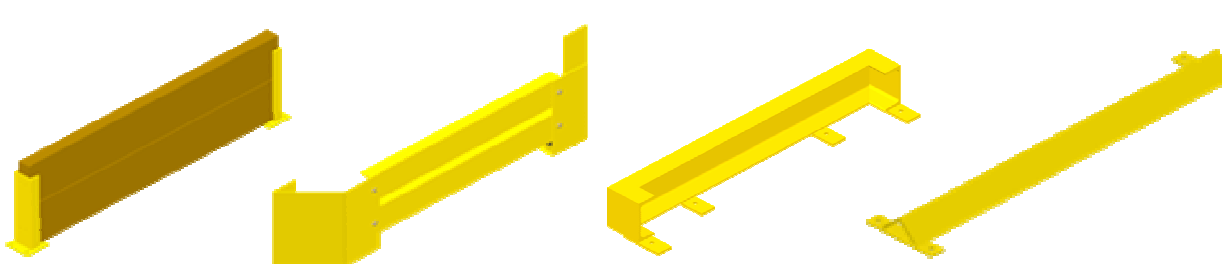
UPRIGHT PROTECTION						
	light duty	medium	heavy duty	gib	angle	brico
	H (mm)	400	40	400 or 600	400	400
Anchors	2	4	6	3	4	3

For the most up to date price : please consult us

UPRIGHT PROTECTION & REINFORCEMENT				FRAME PROTECTION			
	raised base	upright protector with anchor	upright protector with rubber		continuous upright protection	ikea	upn
	H (mm)	190 600 900 1200	600 900 1200	600 900 1200	1 400	2 400	3 100 140

single post
H (mm) 400

double post
H (mm) 400

FRAME PROTECTION				
	wooden beam	shock absorbing beam	low beam	toblerone
	400	400	150	45



EUROPE'S FIRST MANUFACTURER OF STORAGE SYSTEMS

C-Rack by CORNIX® • DIY & GARDEN

Bespoke
on request
MMPHMM

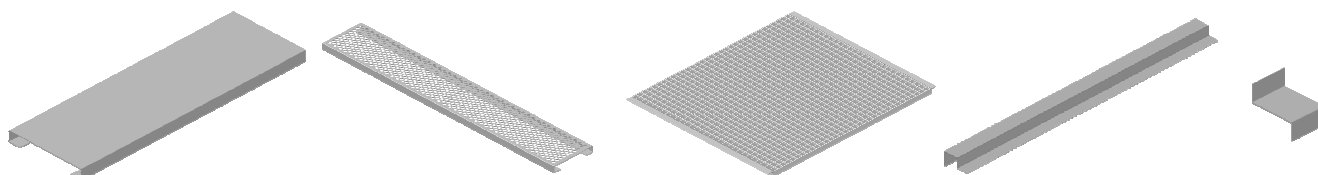
BigMat



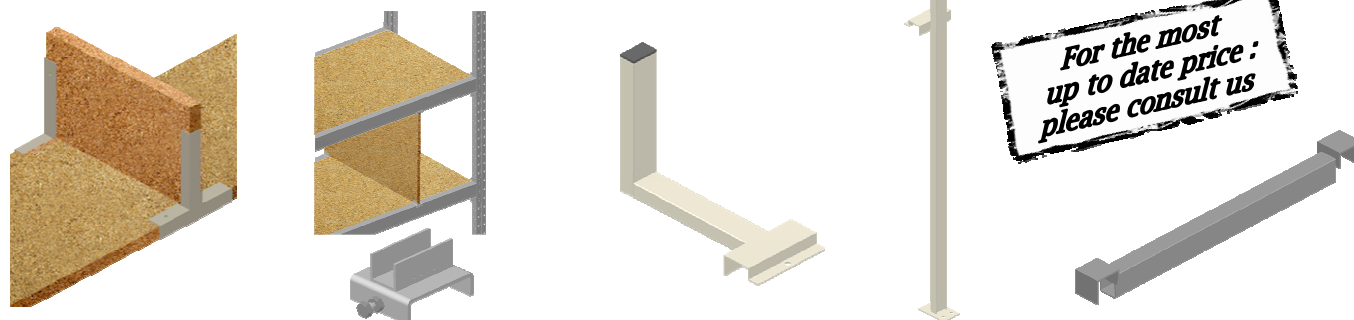
Hubo



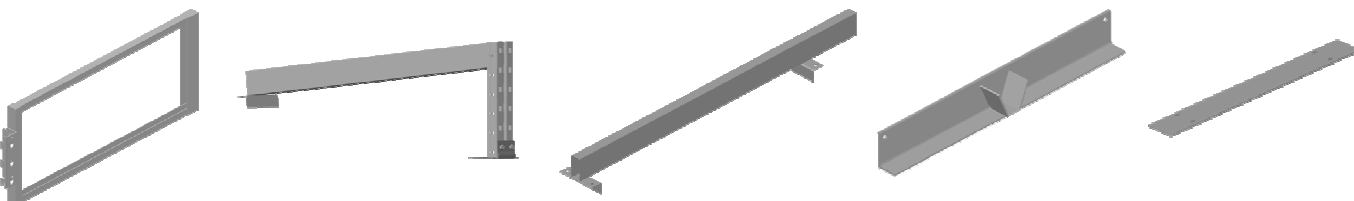
DIY & GARDEN ACCESSORIES



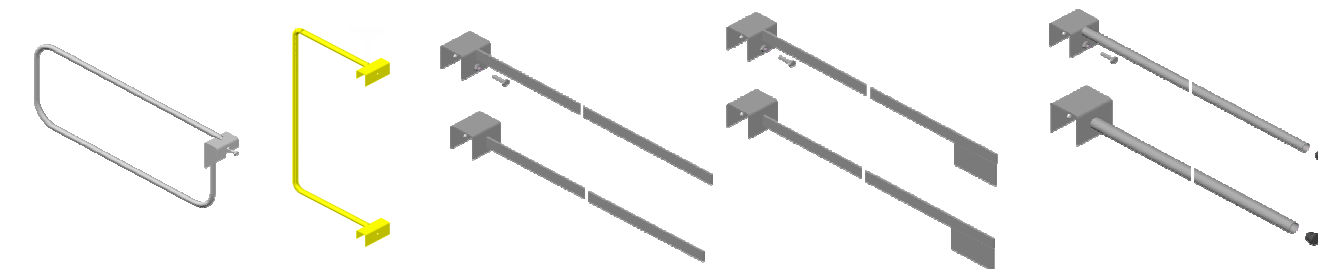
mm	steel shelf	steel shelf slotted	grid shelf	shelfholder sunk	shelfholder
L	600 >>> 1200	600 >>> 1200	bespoke	895	50
W	149 & 224	149 & 224			



mm	brace for divider	clip for divider	offset safety stop (installation on beam)	post with safety stop	shelf support (sunk)
L	150	50	250	150	600 >>> 1200
H	150		150	1480	60



mm	sign holder	panel holder	overhanging support bar	cabledrum bracket	steel baseplate asphalt
L	800	1300	1000/1300	600 >>> 1100	1050 >>> 1350
H	400	450	100	100	10



mm	divider frame single beam	divider frame double beam	divider arm flat (with or without bolt)	divider arm flat + flag (with or without bolt)	divider arm round (with or without bolt)
L	875	450 & 700	550 & 800	550 & 800	550 & 800
H	375	450 & 900	25	25 + 55	20

Delivered unassembled.

Easy installation : assemble frames (on request frames can be supplied assembled), hang in the beams and put the safety pins in place. On request our specialized installers can install your C-Rack by CORNIX® pallet racking installation. Ask for a free quote !



**EUROPE'S FIRST MANUFACTURER
OF STORAGE SYSTEMS**



YOUR CHOICE OF COLOURS

Standard colour for this product (4 to 6 weeks) :

Orange-red ral 2002 
(bracing & small items : sendzimir; sendzimir uprights available)

Other standard colours without surcharge
(lead time 4 to 6 weeks) :

Ivory (cream)	ral 1013	
Zinc yellow	ral 1018	
Gentian blue	ral 5010	
Light grey	ral 7035	

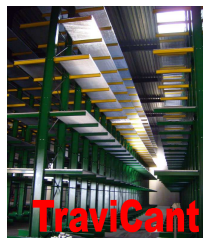
(shelves, bracing & small items always sendzimir)

Other ral colours at extra cost (lead time +/- 6 weeks)

(bracing & small items always sendzimir).

Hot dipped galvanized version available at extra cost (+/- 6 weeks).

OTHER CORNIX® PRODUCTS



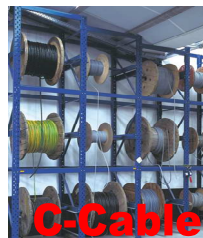
TraviCant
Cantilevers



C-Build
Covered storage



TraviDrive
Drive-in & drive-through



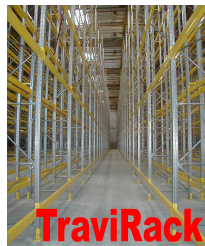
C-Cable
Cable drum storage



Cornix Plus
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Pallet racking



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