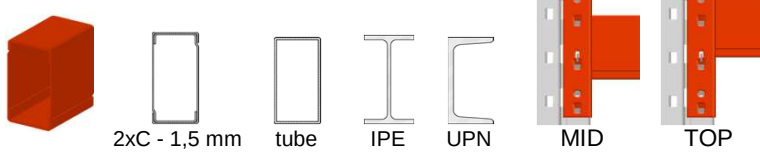


C-Rack by CORNIX® • TECHNICAL CHARACTERISTICS

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.

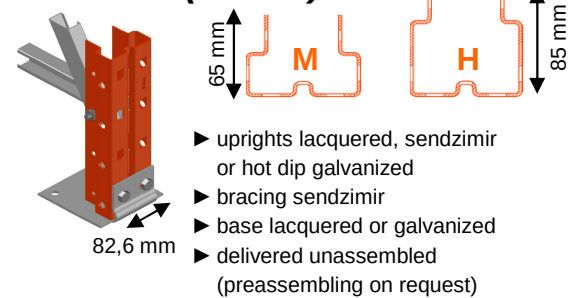
Max. load/connector : 1430 kg

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									
	1800									
	2250									
	2400									
	2700									
	3000									
	3300									
	3600									
1500	1352									
	1800									
	2250									
	2400									
	2700									
	3000									
	3300									
	3600									
2000	1352									
	1800									
	2250									
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	3600									
2500	1352									
	1800									
	2250									
	2400									
	2700									
	3000									
	3300									
	3600									
3000	1352									
	1800									
	2250									
	2400									
	2700									
	3000									
	3300									
	3600									

Due to important changes in the EN 15512 standard in 2020 all previous load charts are no longer valid.

FRAMES (bolted)



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

Upright	M225	M225	H225	H250	H250
Steel type	S355	S390	S390	S355	S390
1st level at max. (mm)	750				
	1000				
	1250				
	1500				
	1750				
	2000				
	2250				
	2500				
	3000				

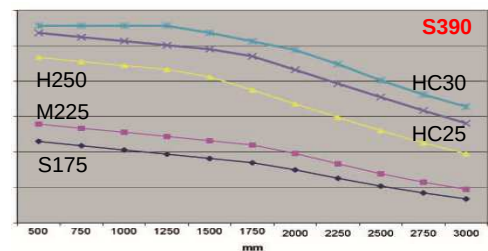
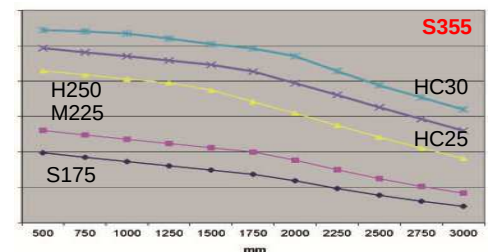
Maximum load per frame with 2700 mm beams.

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

**Bespoke
on request**



**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**

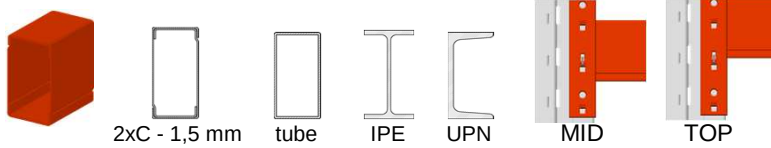
**SLIDING DOORS AND
STRIP CURTAINS
ALSO AVAILABLE**



C-BUILD

C-Rack by CORNIX® • TECHNICAL CHARACTERISTICS

BEAMS



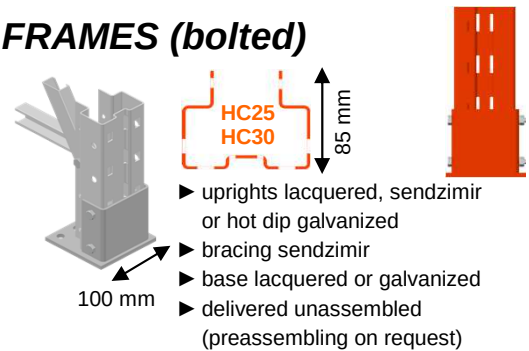
LOAD CHART PALLET LOADS in kg/pair of beams uniformly distributed (according to F.E.M. 10.2.02, maximum deflection 1/200). MID welded = - 38 mm (TOP takes less load). Pallets with regular interspaces on three blocks.

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									
	1800									
	2250									
	2400									
	2700									
	3000									
	3300									
	3600									
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3000	1352									
	1800									
	2250									
	2400									
	2700									
	3000									
	3300									
	3600									

Due to important changes in the EN 15512 standard in 2020 all previous load charts are no longer valid.

FRAMES (bolted)



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

Upright	HC25	HC25	HC30	HC30
Steel type	S355	S390	S355	S390
1st level at max. (mm)	750			
	1000			
	1250			
	1500			
	1750			
	2000			
	2250			
	2500			
	3000			

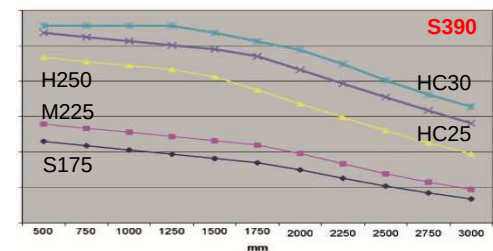
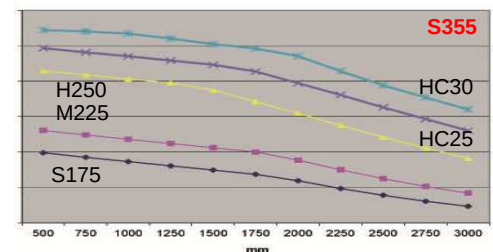
Maximum load per frame with 2700 mm beams.

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.

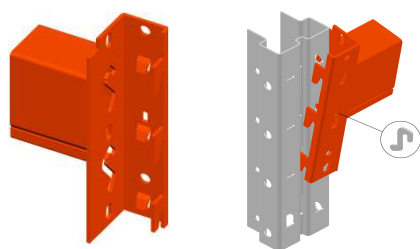
2 Six or eight hooks per connector guarantee an optimal beam stability.

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.

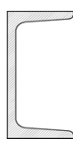
Height of section : 80 up to 200 mm depending on the requested loads.

IPE or UPN beams also available.

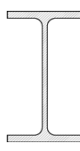
Lengths : a 2700 mm beam has an overall length of 2707 mm i.e. a section of 2700 mm + 2 x 3,5 mm connectors. The useful length will therefore be 2707 mm.



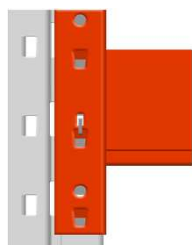
2 x C



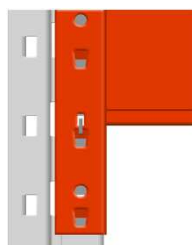
IPE



UPN



MID



TOP

WELDING HEIGHTS

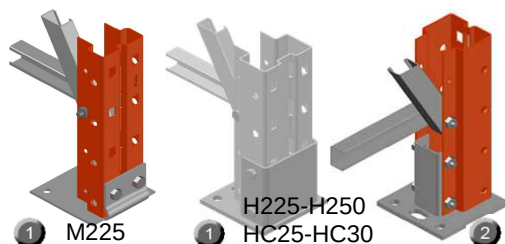
Standard welding height is - 38 mm compared to the top of the connector (= MID welding height).

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.

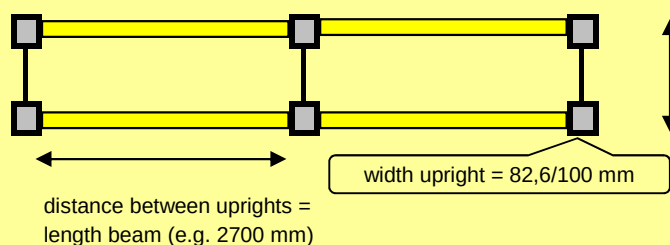
Delivered unassembled. Easy installation.

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

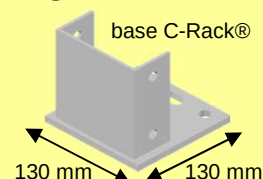
Ask for a free quote !



HOW TO CALCULATE THE LENGTH OF YOUR INSTALLATION ?



depth frame



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).

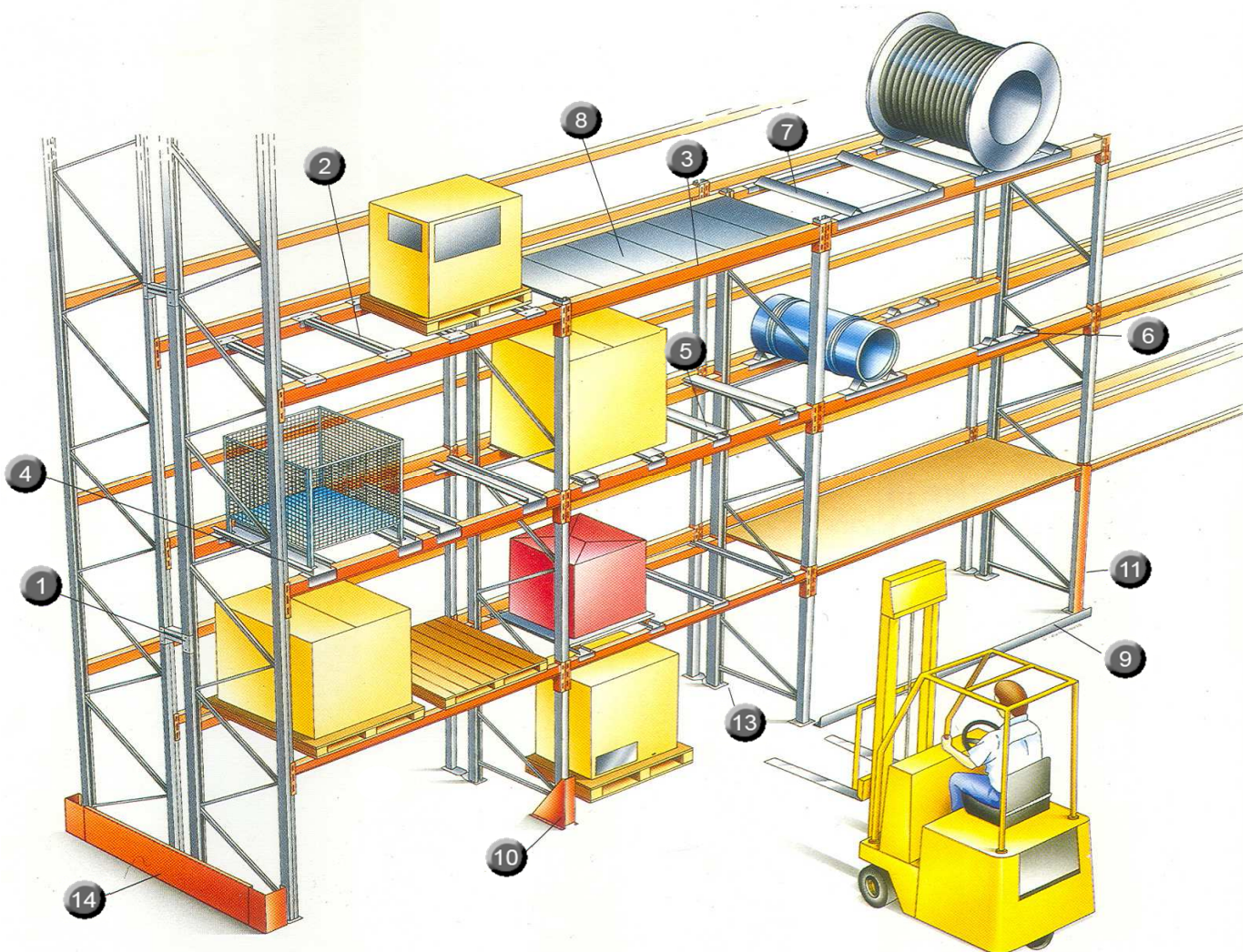
example :

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.

to store 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.

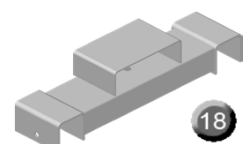
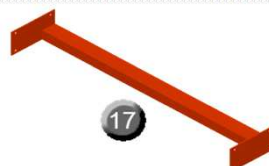
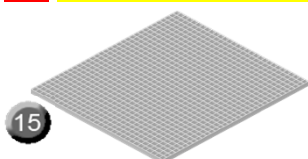
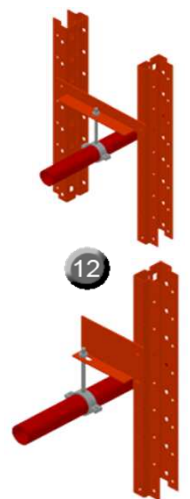
also bigger base plates available (full frame depth).

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

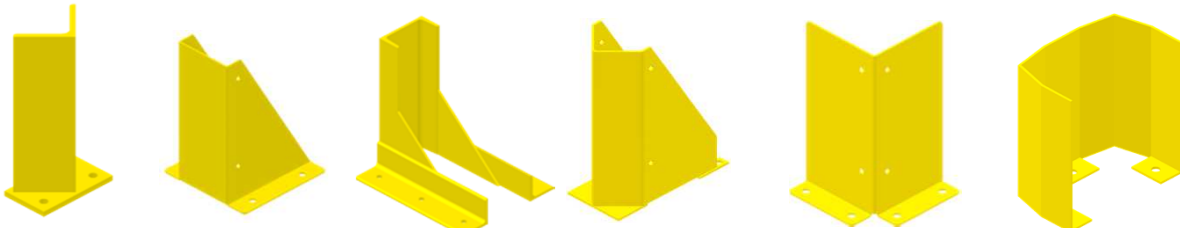
the ideal solution to avoid falling items and/or in case of sprinkler installation.

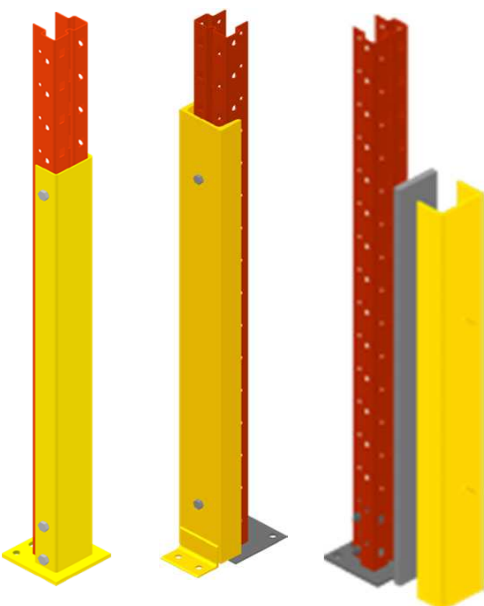
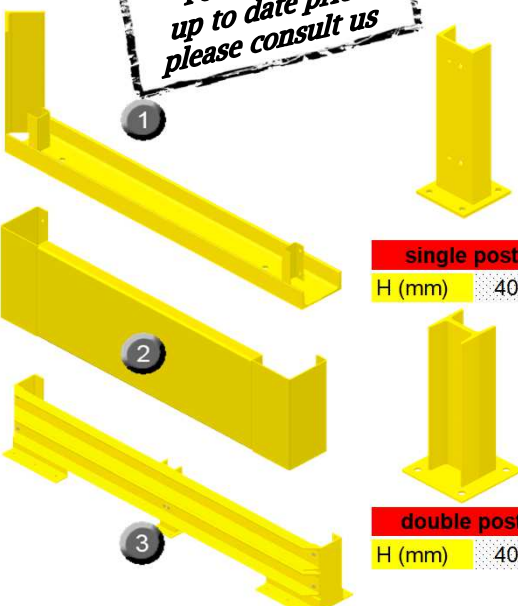
for some applications a wooden vented shelf may be the right solution.

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



UPRIGHT & FRAME PROTECTIONS

UPRIGHT PROTECTION							
	TYPE	light duty	medium	heavy duty	gib	angle	brico
	H (mm)	400	40	400 or 600	400	400	250
Anchors	2	4	6	3	4	3	

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

upright protector				continuous				frame protection			
TYPE		raised base	upright protector with anchor	upright protector with rubber	TYPE		upright protection	ikea	upn		
H (mm)		190			H (mm)	1	400	2	400	3	100
		600	600						140		
		900	900								
		1200	1200								

C-Rack by CORNIX® • DIY & GARDEN

Bespoke
on request
WUHLFELDEN

BigMat

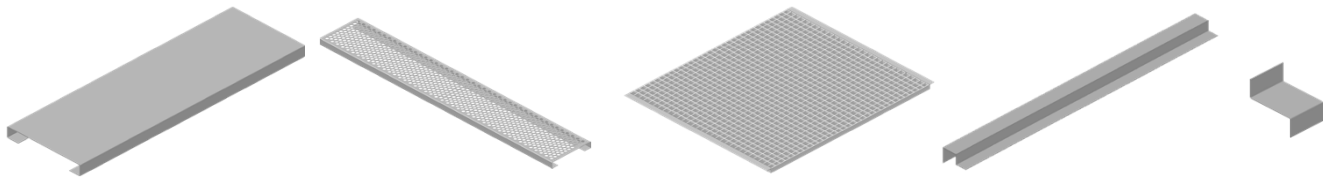


Hubo

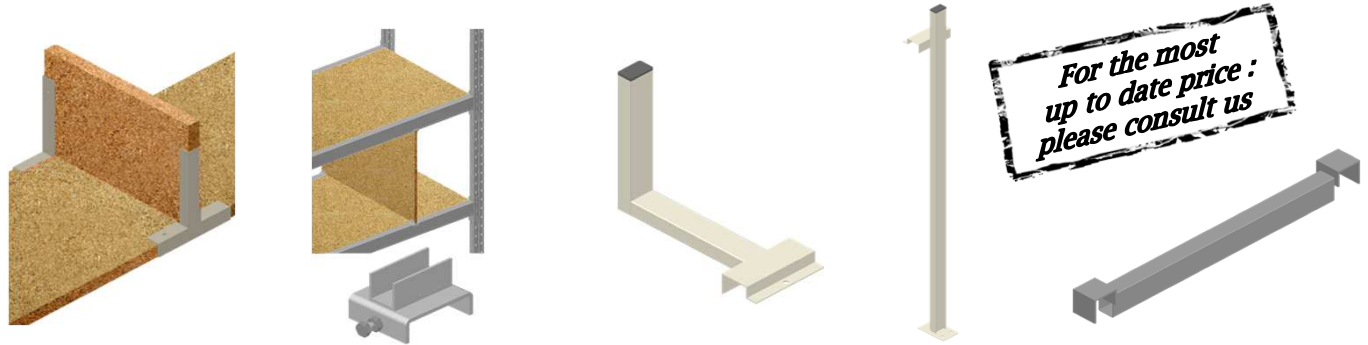


BRICO

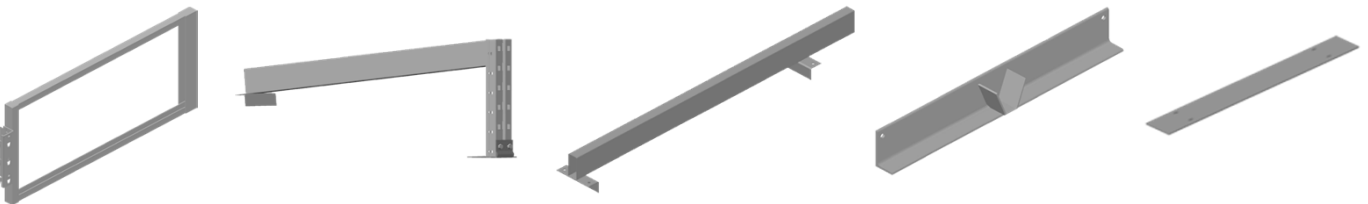
DIY & GARDEN ACCESSORIES



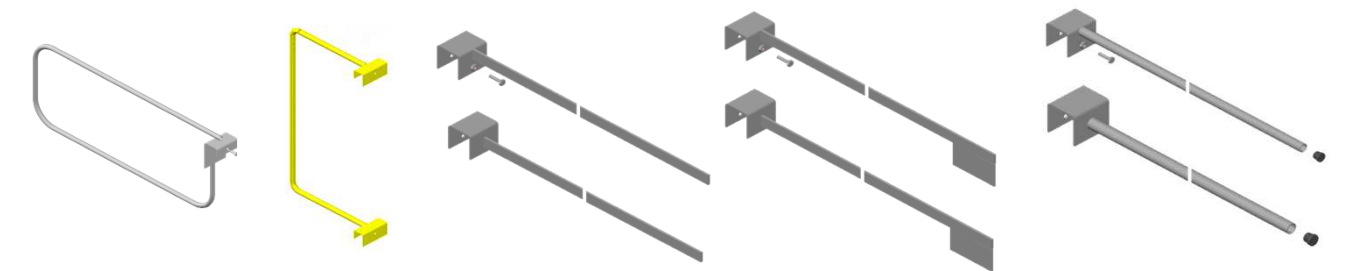
mm	steel shelf	steel shelf slotted	grid shelf	shelfholder sunk	shelfholder
L	600 >>> 1200	600 >>> 1200	bespoke	895	50
W	149 & 224	149 & 224			



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	

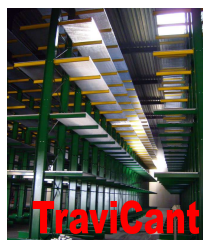
(shelves, bracing & small items always sendzimir)

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



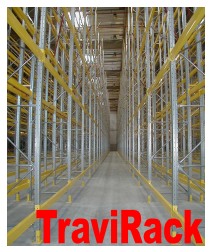
C-CABLE
Cable drum storage



Cornix Plus
Shelving systems



TraviForm
Mezzanines



TraviRack
Pallet racking



TraviTex
Garment storage



TraviRoll
Dynamic storage



Minirack Plus
Long span



STORAGE SYSTEMS FOR LIFE

www.cornix.eu

CORNIX FLANDERS

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Boomsesteenweg, 492
B-2020 Antwerpen

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☎ ++/32/(0)3/825 30 90
✉ sales@cornix.eu

CORNIX NETHERLANDS

DOETINCHEM (no showroom)

Kruidenlaan 7
NL-7060 TD Doetinchem

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☎ ++/32/(0)3/825 30 90
✉ sales.nl@cornix.eu

CORNIX WALLONIA

NIVELLES

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