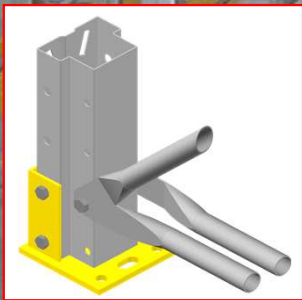




*TRAVIRACK BY CORNIX:  
STORAGE SYSTEMS FOR LIFE!*



# TraviRack

*Cornix is manufacturer of storage systems since 1958*



# TRAVIRACK® • APPLICATIONS

Bespoke  
on request



**CORNIX  
TRAVHYDRO  
PRODUCT**



▲ Pallet storage at 18 m high with special stacker.

Levels adjustable every 75 mm.

◀ TRAVIRACK® with top hats



**TRAVIFORM**

▲ TRAVIFORM® : mezzanines built on TRAVIRACK® pallet racking.

TRAVITEX® : multi tier garment storage based on the TRAVIRACK® pallet racking. ▶



**TraviRack**



**TRAVIROLL**



**TRAVIROLL® : dynamic storage on TRAVIRACK® pallet racking.**



**▲ Boat storage.**

**▼ Cable drum storage.**

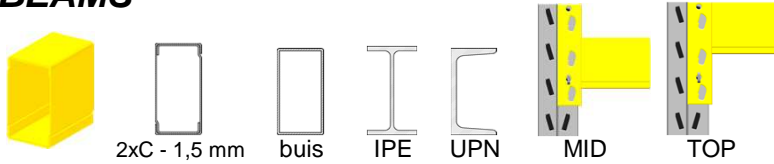


**Frame & upright protectors.**



# TRAVIRACK® • 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 = - 70 mm (TOP takes less load). Pallets with regular interspaces on three blocks.

Max. load/connector : 1560 kg H : maximum height 1st level

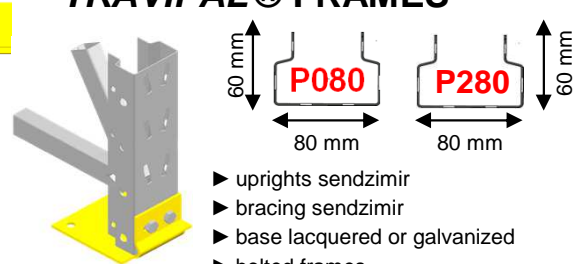
H	type	50	60	70	80	95	110	127	140	160
L (mm)	S235	S235	S235	S235	S355	S355	S355	S355	S355	S355
1000	1352									
1000	1800									
1000	2250									
1000	2400									
1000	2700									
1000	3000									
1000	3300									
1000	3600									
1000	3900									
1500	1352									
1500	1800									
1500	2250									
1500	2400									
1500	2700									
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2500	3300									
2500	3600									
2500	3900									
3000	1352									
3000	1800									
3000	2250									
3000	2400									
3000	2700									
3000	3000									
3000	3300									
3000	3600									
3000	3900									

**Due to important changes in the EN 15512 standard in 2020 all previous load charts are no longer valid.**

Choose the beams first, then the frames. Beams double C welded MID (-70).

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

## TRAVIPAL® FRAMES



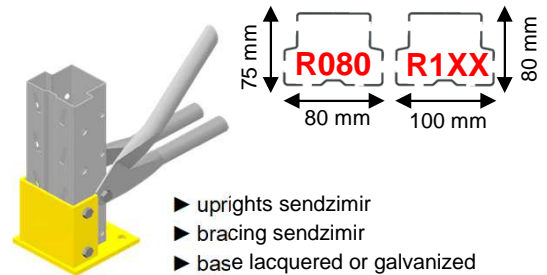
- ▶ uprights sendzimir
- ▶ bracing sendzimir
- ▶ base lacquered or galvanized
- ▶ bolted frames

delivered unassembled (preassembling on request)

Upright	P080	P280
Steel type	S390	S390
1e level at max. (mm)	750	
	1000	
	1250	
	1500	
	1750	
	2000	
	2250	
	2500	
	3000	

Maximum load per frame with 2700 mm beams.

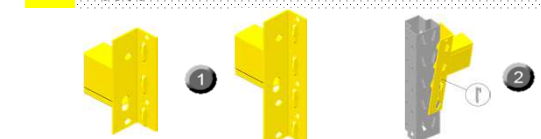
## TRAVIRACK® FRAMES



- ▶ uprights sendzimir
- ▶ bracing sendzimir
- ▶ base lacquered or galvanized
- ▶ bolted frames

delivered unassembled (preassembling on request)

Upright	R080	R150	R175	R200
Steel type	S390	S390	S390	S390
1e level at max. (mm)	750			
	1000			
	1250			
	1500			
	1750			
	2000			
	2250			
	2500			
	3000			

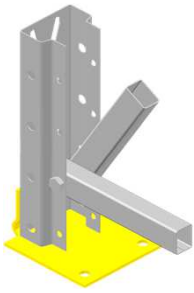


1 3 or 4 point connectors depending on the required load guarantee an optimal rigidity and perfect transmission of the beam load onto the upright.

2 A galvanized safety pin guarantees the interlock with the beam.

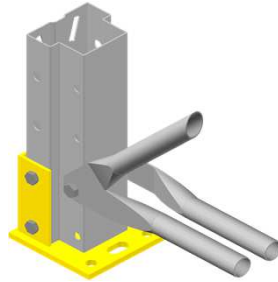


# TRAVIRACK® & TRAVIPAL® • FRAMES



## TRAVIPAL®

**open upright**  
 upright width : 80 mm  
 type P080  
 loads up to 7 030 kg  
 type P280  
 loads up to 10 820 kg

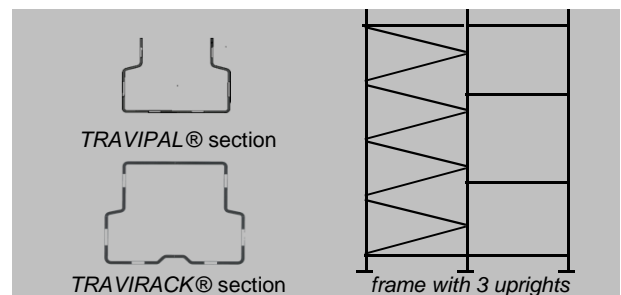


## TRAVIRACK®

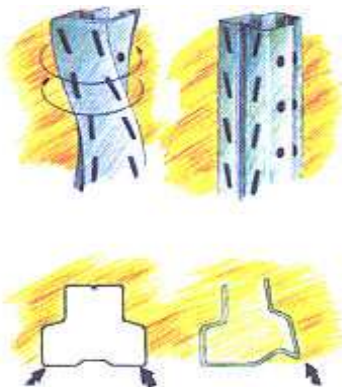
**continuously welded box type upright**  
 type R080  
 upright width : 80 mm  
 loads up to 10 700 kg  
 type R1XX  
 upright width : 100 mm  
 loads up to 20 900 kg

The TRAVIRACK® upright is also available with a higher steel gauge allowing loads up to 28 tonnes. For higher loads a 120 mm wide upright is available. The indicated loads are valid with the use of 2700 mm long beams. For beams with other lengths other loads apply.

- ▶ 2 frame types : TRAVIPAL® and TRAVIRACK®
- ▶ Level height maximum 1800 mm without bracing.
- ▶ Delivered not assembled.
- ▶ Standard finishing : sendzimir (cold galvanized)  
 Powder coating available at extra cost.
- ▶ Adjustable every 75 mm.
- ▶ Heights from 1500 up to 12 600 mm.
- ▶ Frames with 3 uprights for extra depth.
- ▶ Steel bases included.  
 Standard colour steel bases : yellow RAL 1018



**Travirack® and Travipal® comply with the european standards F.E.M. 10.2.02**



## TRAVIRACK®

For any given load TRAVIRACK® makes a more effective use of the materials. This is primarily due to the revolutionary design of the twelve fold profile hollow section upright (box type).

### Rigidity plus :

From the theory of strength of materials is learned that a welded hollow section is 1000 to 1300 times more rigid than an open section or one which is closed but not welded. The box type Travirack® upright, welded over the full length, therefore carries an increased torque and pressure resistance.

### Safety plus :

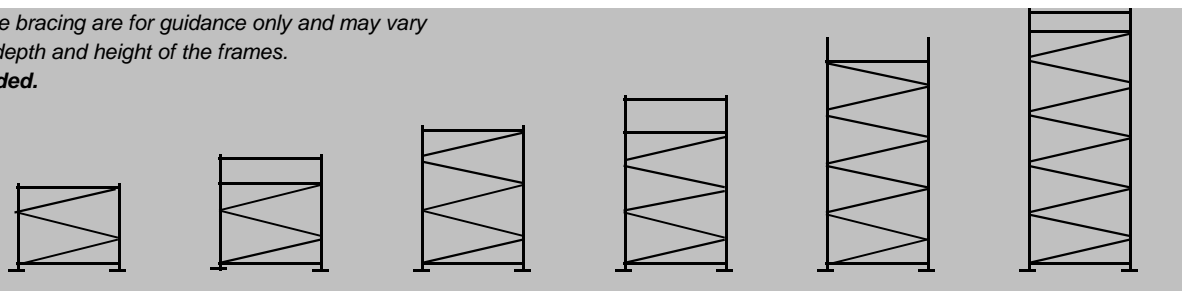
The use of welded hollow sections provides a greater impact resistance which is of particular importance to the stability of the upright.

## TRAVIPAL®

The open TRAVIPAL® upright is the eco range of the CORNIX pallet racking. It is an open six fold upright designed for medium loads up to 6,8 tonnes (P080) or 10,6 tonnes (P280) depending on the height of the first level of beams and the type of beams that is used.

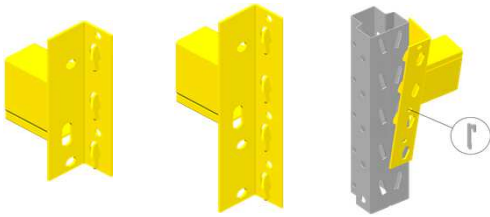
*The drawings of the bracing are for guidance only and may vary depending on the depth and height of the frames.*

**Steel bases included.**



**TRAVIPAL® and TRAVIRACK® are conceived from CORNIX/TRAVHYDRO experiences and are manufactured by CORNIX.**

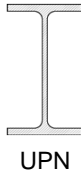
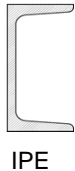
# TRAVIRACK® & TRAVIPAL® • BEAMS



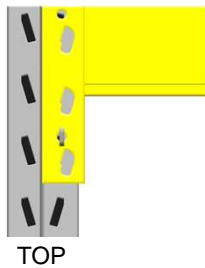
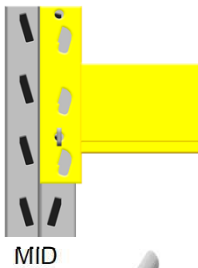
## EXTRA RIGIDITY

3 or 4 point connectors depending on the required load guarantee an optimal rigidity and 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 2700 mm i.e. a section of 2693 mm + 2 x 3,5 mm connectors. The useful length will therefore be 2693 mm.



## WELDING HEIGHTS

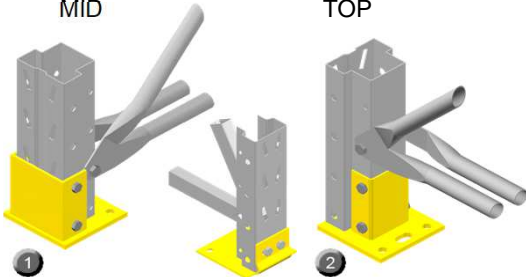
Standard welding height is - 70 mm compared to the top of the connector (= MID welding height).

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 (height TraviRack® 115 mm / TraviPal® 70 mm) :

- 1 Standard : front base. This base does not allow the installation of a beam in the lower slots of the upright.
- 2 Back base. With this base a beam can be installed in the lower slots of the upright.

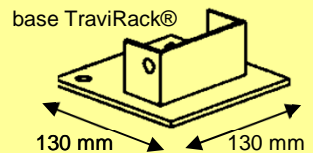
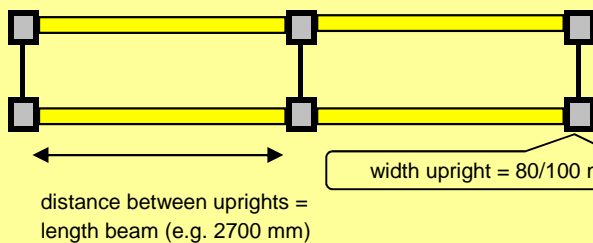
Delivered unassembled. Easy installation.

On request our specialized installers will install your TRAVIRACK®/TRAVIPAL® installation with its accessories.

Ask for a free quote !



## HOW TO CALCULATE THE LENGTH OF YOUR INSTALLATION ?



don't forget to add :

- ▶ the upright width : TraviPal® & TraviRack® R080 : 80 mm / TraviRack® R150... : 100 mm
- ▶ the overhang of the base plate (50 mm once for the total length of your installation).

example :

TraviPal® & TraviRack® R080 2 bays of 2700 mm make :  $2 \times 2700 + 3 \times 80 = 5640 \text{ mm} + 50 \text{ mm overhang base plate} = 5690 \text{ mm}$   
TraviRack® R150 ... 2 bays of 2700 mm make :  $2 \times 2700 + 3 \times 100 = 5700 \text{ mm} + 30 \text{ mm overhang base plate} = 5730 \text{ mm}$



EUROPE'S FIRST MANUFACTURER  
OF STORAGE SYSTEMS



# TRAVIRACK® • INDUSTRIAL

Bespoke  
on request



**TraviRack**

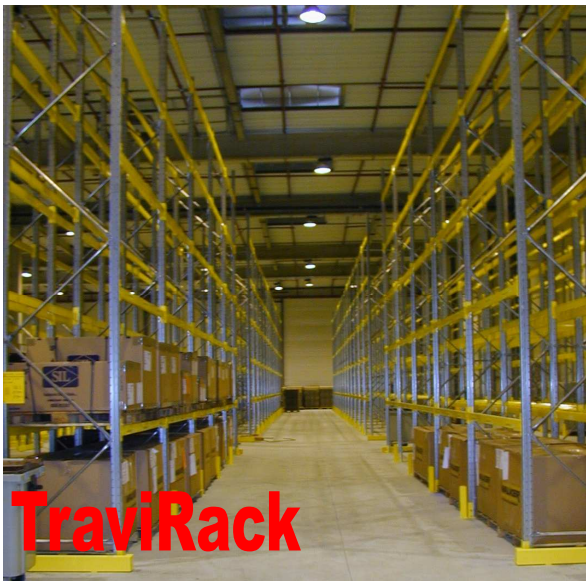
**FRAMES UP TO 30 TONNES**  
*(levels adjustable per 75 mm)*  
**BEAMS UP TO**  
**6,24 TONNES/PAIR**



**ACCESSORIES**



**Anti collapse  
protection**



**TraviRack**

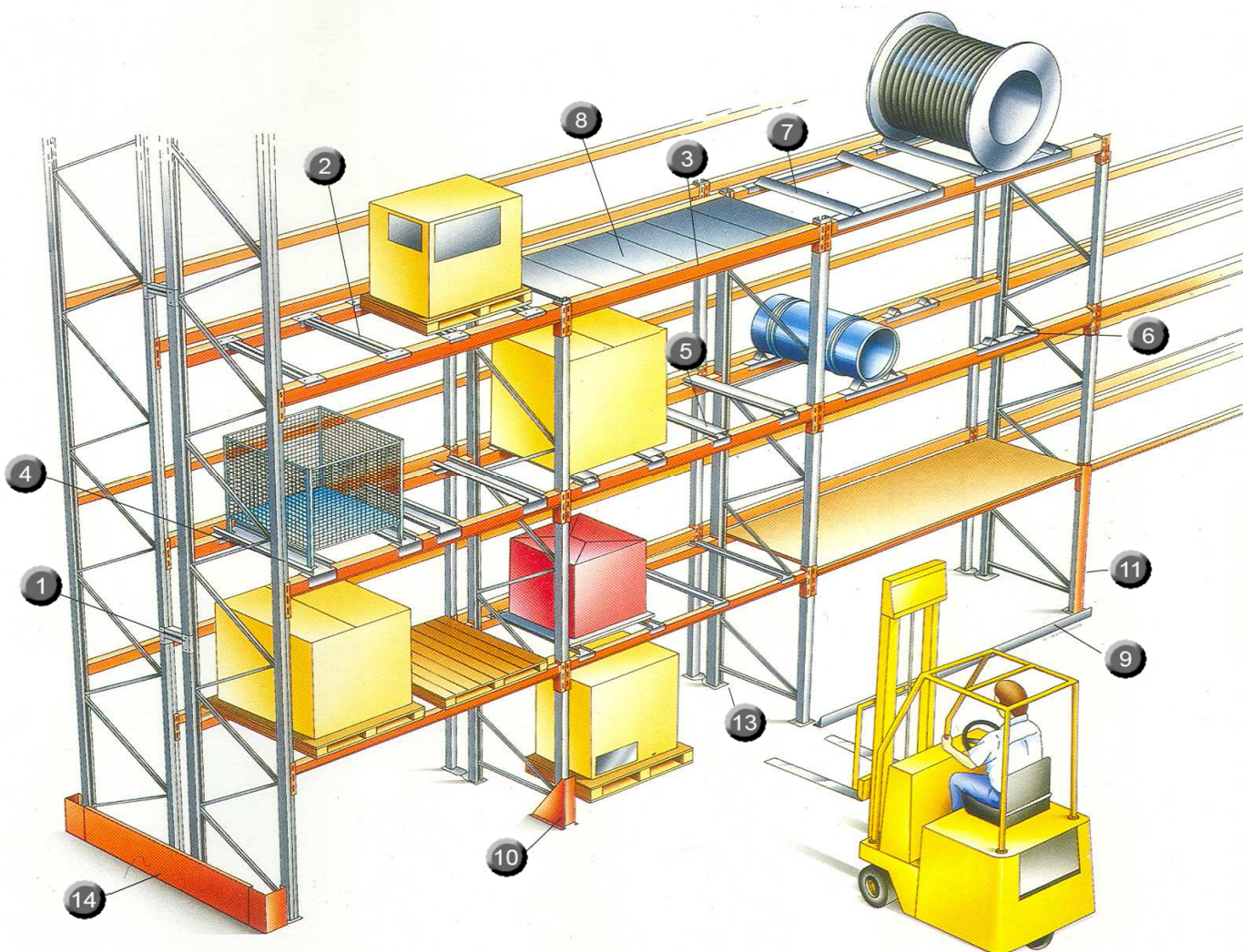
**SLIDING DOORS AND  
STRIP CURTAINS  
ALSO AVAILABLE**



**C-BUILD**



# 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.

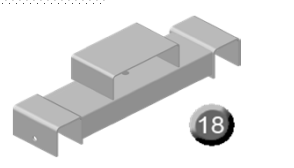
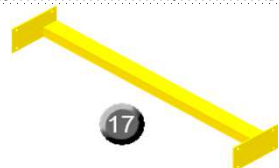
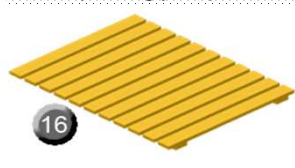
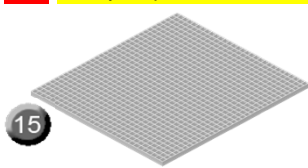
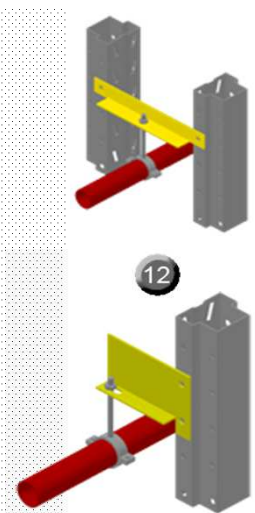
also bigger base plates available (full frame depth).

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.

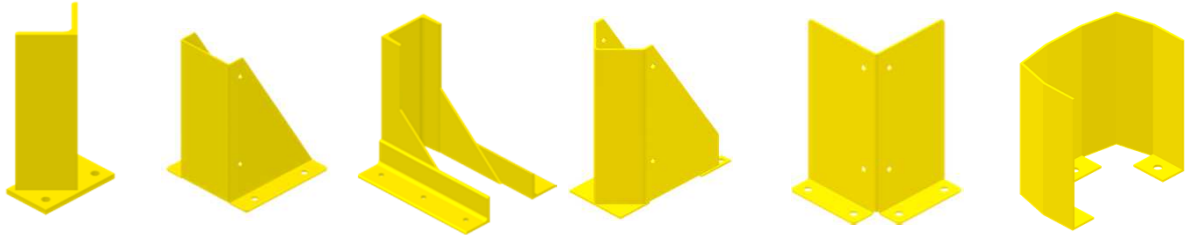
avoids pushing your pallets to far. Special model for sprinklers. (18)





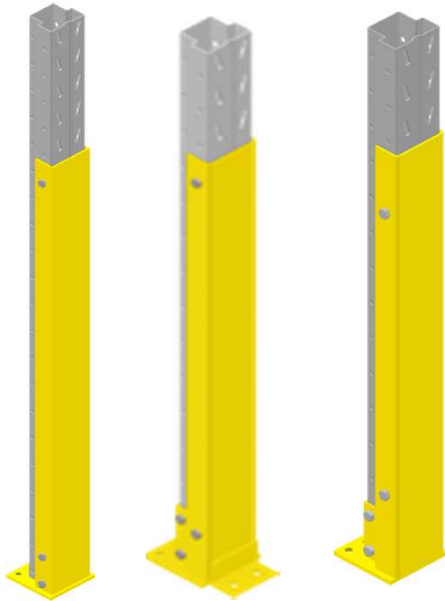
# UPRIGHT & FRAME PROTECTIONS

UPRIGHT PROTECTION



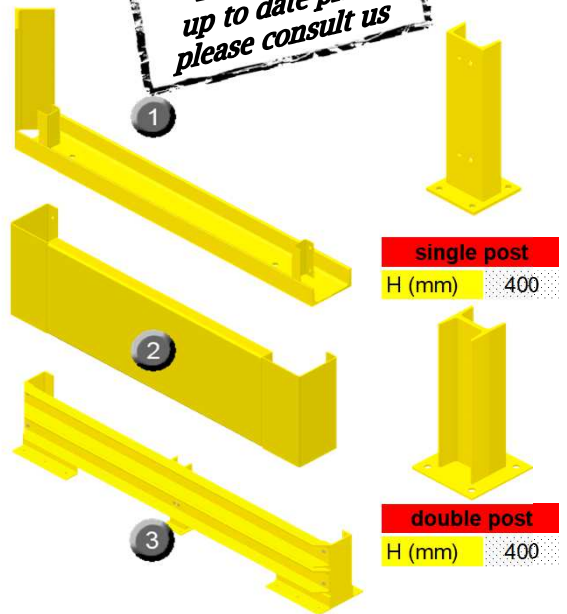
TYPE	light duty	medium	heavy duty	gib	angle	brico
H (mm)	400	40	400 of 600	400	400	250
Anchors	2	4	6	3	4	3

UPRIGHT PROTECTION & REINFORCEMENT



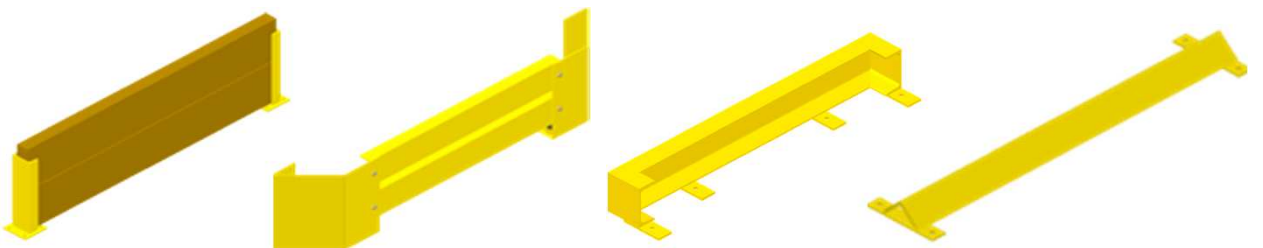
TYPE	raised base	upright protector with anchor	upright protector with rubber
H (mm)	190 600 900 1200	600 900 1200	600 900 1200

FRAME PROTECTION



TYPE	continuous upright protection	ikea	frame protection upn
H (mm)	1 400	2 400	3 100 140

FRAME PROTECTION



TYPE	wooden beam	shock absorbing beam	low beam	toblerone
H (mm)	400	400	150	45



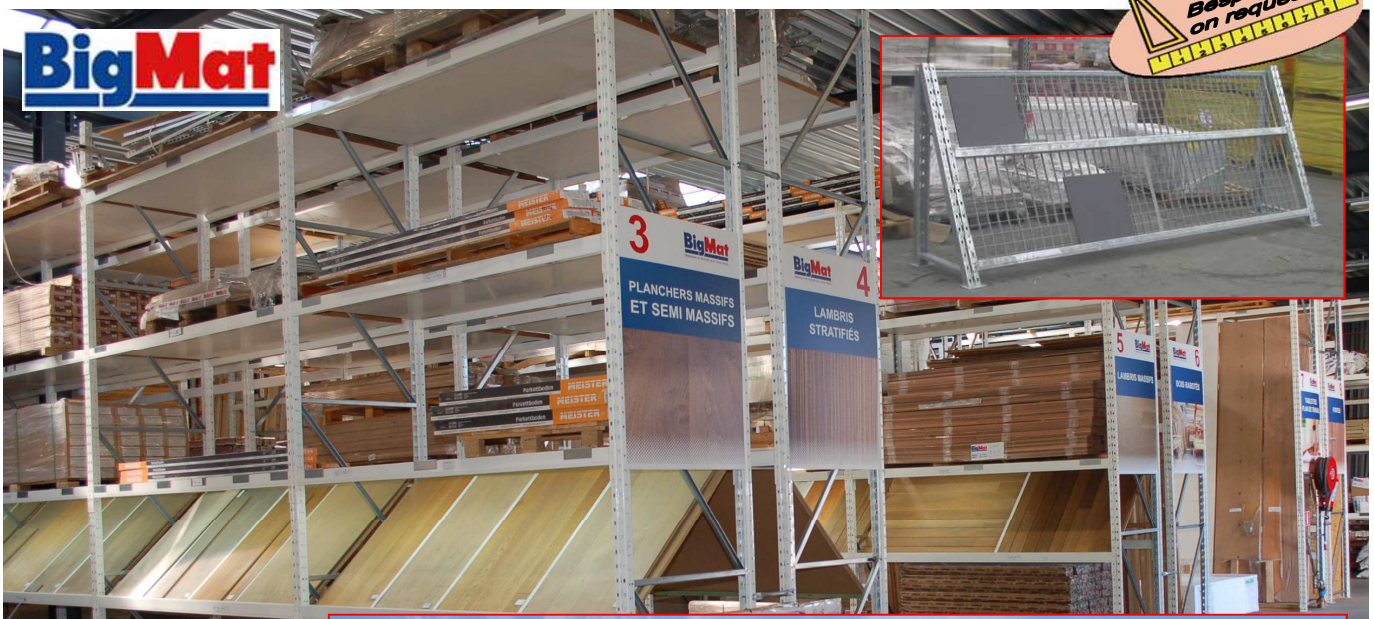
EUROPE'S FIRST MANUFACTURER OF STORAGE SYSTEMS



# TRAVIRACK® • DIY & GARDEN

Bespoke  
on request  
MPPHPPHPPH

**BigMat**



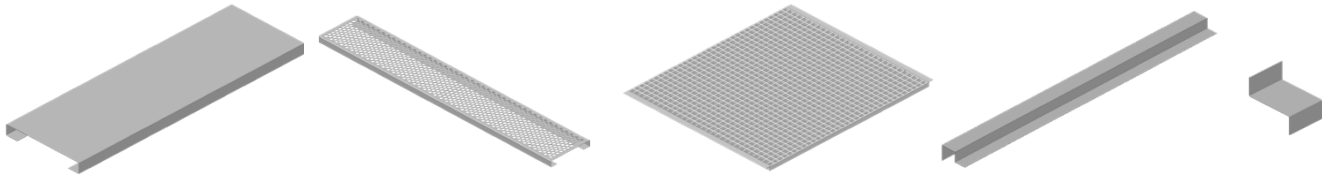
**Hubo**



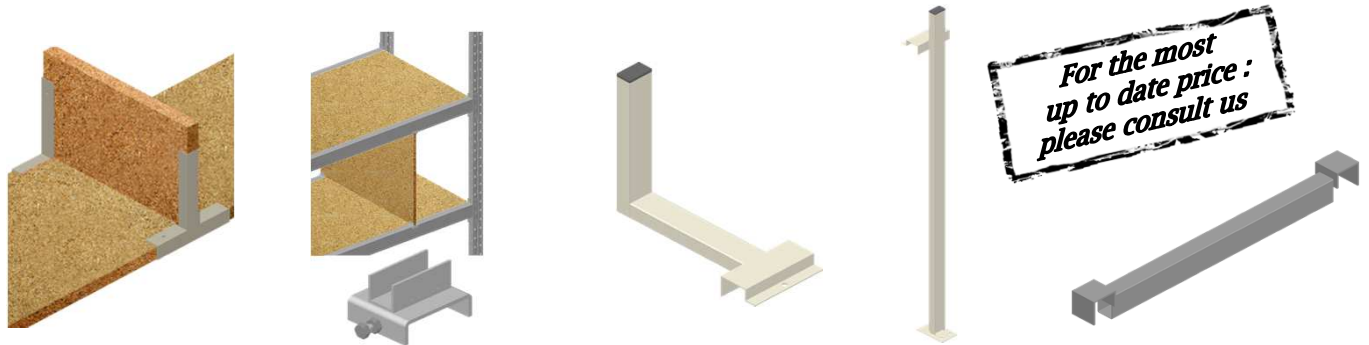
**BRICO**



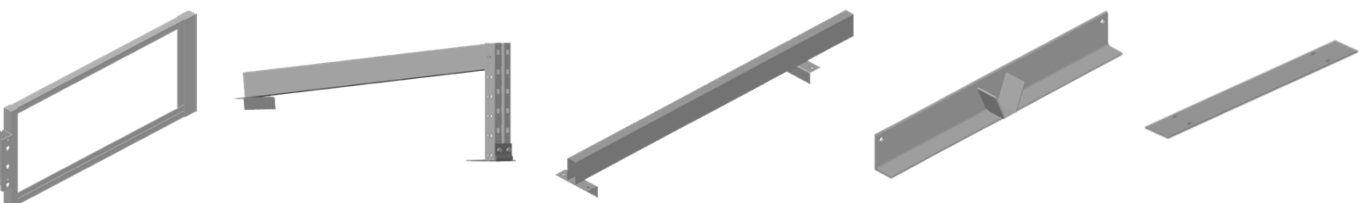
# DIY & GARDEN ACCESSORIES



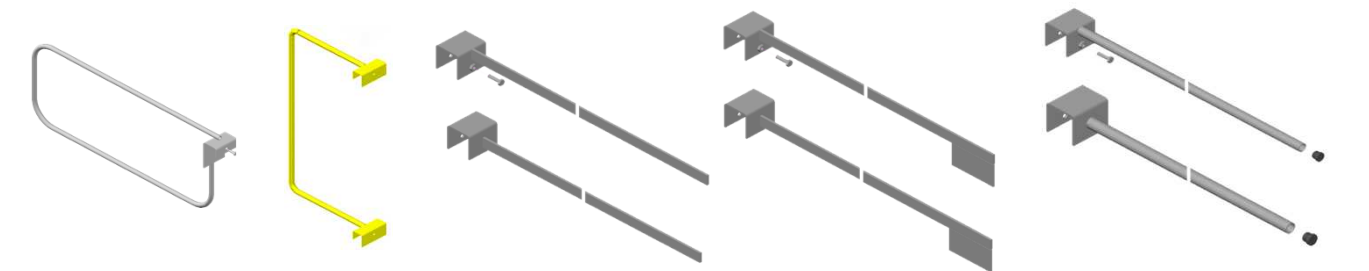
mm	steel shelf	steel shelf slotted	grid shelf	shelfholder sunk	shelfholder
L	600 >>> 1200	600 >>> 1200	bespoke	895	50
W	149 & 224	149 & 224			



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 TRAVIRACK®/TRAVIPAL® pallet racking installation. Ask for a free quote !

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





## YOUR CHOICE OF COLOURS

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

Zinc yellow ral 1018  
(uprights, bracing & small items : sendzimir)



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

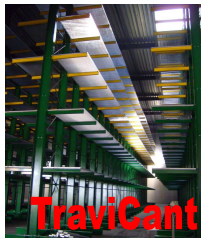
Ivory (cream) ral 1013  
Orange-red ral 2002  
Gentian blue ral 5010  
Light grey ral 7035  
(uprights, shelves, bracing & small items always sendzimir)



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



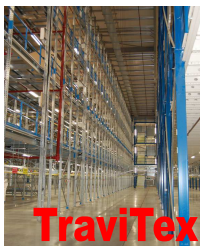
**Cornix Plus**  
Shelving systems



**TraviForm**  
Mezzanines



**C-RACK**  
Pallet racking



**TraviTex**  
Garment storage



**TraviRoll**  
Dynamic storage



**Minirack Plus**  
Long span



## STORAGE SYSTEMS FOR LIFE

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### CORNIX FLANDERS

ANTWERPEN (Kiel)

Boomsesteenweg, 492  
B-2020 Antwerpen

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☎ ++/32/(0)3/825 30 90

✉ [sales@cornix.eu](mailto: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](mailto:sales.nl@cornix.eu)

### CORNIX WALLONIA

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