



» Product Summary



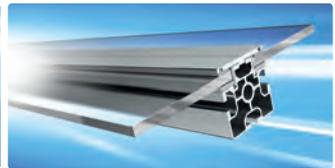
The Profile System



The Clean-Room System



Safety Barriers



The Modular Wall System



The Tube Clamping System



The Telescopic System



The Linear System



The Conveyor System



The Personnel Transfer System



The Skid Transfer System



The Dust Protection System



The Pipe & Joint System



The Trailer System

powered by

MayCAD
Design Software

MayTube
Design Software

The ideal profile system

MayTec offers a comprehensive, harmonised profile system. All profiles can be combined in any way conceivable.

The accessories provide functional and aesthetic solutions for a wide range of applications.

Applications

- machine bases
- machine enclosures
- machine guarding
- work stations

Service

The MayTec service is as versatile as the MayTec profile system.

You may choose:

- delivery of standard elements ex-factory
- delivery of profiles and accessories cut to size according to parts list for customer's assembly
- delivery of pre-fitted modular components
- delivery of completely assembled units
- assembly at your premises

- assembly and inspection stations
- transfer and supply trolleys
- partitions and protective walls
- protective and work cabinets

Implementation

The MayTec profile system is easy to process and quick to assemble. Its flexible and modular construction means it can be easily modified and is reusable at any time.

An experienced team will support you in implementing the MayTec system, tailored to your individual applications, taking into consideration your dimensions, loading capacity and stability.

- special shelves
- plant equipment
- display systems
- exhibition cabinets and stands



MayTec GmbH plant in Olching



Accessory storage



Stock of aluminium profiles



Panel storage



Profile machining

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MayTube

Design Software

- Free to use
- Online 3D CAD-Tool
- No software installation required
- 80% faster
- Export function for 3D models and parts list

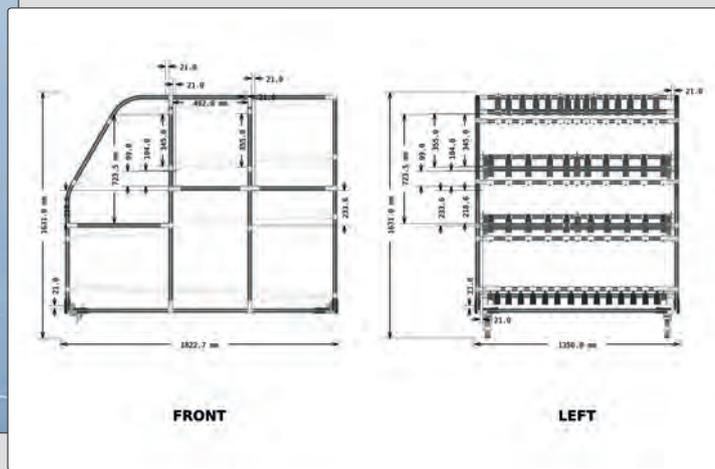
Sample

Kanban material conveyancing

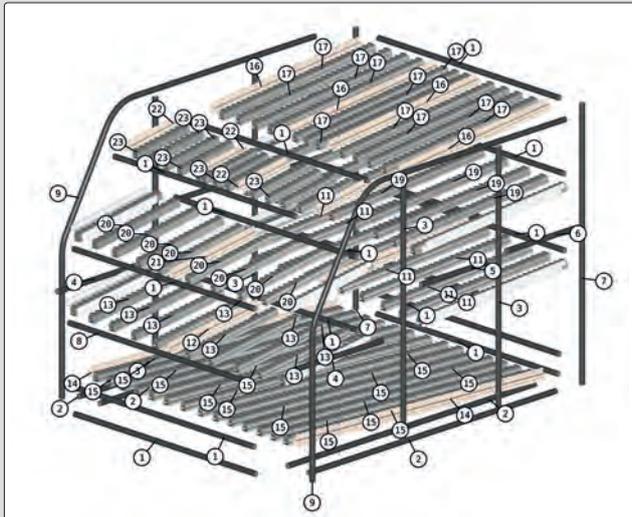
Complete in 60 min. ... Ready



3D view



Dimensional drawing



Exploded view with part numbers

Part	Reference	Description	Units	Qty	Each	Price
1	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	35	0.41	14.35
2	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	4	15.51	62.04
3	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	4	11.17	44.68
4	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	2	4.15	8.30
5	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	2	5.88	11.76
6	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	2	5.24	10.48
7	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	2	11.47	22.94
8	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20	m	1	3.45	6.90
9	21.11.110.20.01	Steel pipe Ø21.3 x 0.8, black, F20, custom stop, special order	m	2	0.49	0.98
10	21.10.2.02.01	Center guiding profile	m	1	14.18	14.18
11	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	11	10.52	115.72
12	21.10.2.02.01	Center guiding profile	m	1	9.51	9.51
13	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	10	11.11	111.10
14	21.10.2.02.01	Center guiding profile	m	2	22.86	45.72
15	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	10	26.13	261.30
16	21.10.2.02.01	Center guiding profile	m	4	14.18	56.72
17	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	11	10.70	117.70
18	21.10.2.02.01	Center guiding profile	m	4	14.17	56.68
19	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	10	10.71	107.10
20	21.10.2.02.01	Center guiding profile	m	10	10.64	106.40
21	21.10.2.02.01	Center guiding profile	m	1	0.95	0.95
22	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	4	6.10	24.40
23	21.10.2.04.01	Roller track Ø6 low noise, black rollers, ISO	m	11	7.19	79.14
24	21.10.2.110.01	Side guiding profile with offset, ivory	m	2	9.00	18.00
25	21.10.2.110.01	Side guiding profile with offset, ivory	m	2	12.40	24.80
26	21.10.2.110.01	Side guiding profile with offset, ivory	m	2	15.81	31.62
27	21.10.2.110.01	Side guiding profile with offset, ivory	m	2	9.50	19.00
28	21.11.1.01.01	Standard plate 60° - metal plate	EA	10	2.20	22.00
29	21.10.2.100.00	Roller track support 60°	EA	10	1.42	14.20
30	21.11.1.01.01	60° plate, nickel plated	EA	2	3.50	7.00
31	21.11.1.01.01	60° angle plate, nickel plated	EA	1	8.86	8.86
32	21.10.2.100.00	Roller track support 60° round with offset	EA	10	1.71	17.10
33	21.10.2.01.01	Flangeplate, left	EA	2	12.42	24.84
34	21.10.2.01.01	Flangeplate, right	EA	2	10.50	21.00
35	1.40.20120	Swivel nut on stop for nuts fixing plates, ISO	EA	2	42.51	85.02
36	1.40.21202	Flange nut with filling plate, ISO	EA	2	27.37	54.74
37	21.10.2.01.01	End cap, PE, black, F20	EA	2	0.49	0.98
38	21.11.1.01.01	Standard connector 60° - metal plate	EA	6	0.49	2.94

Parts list with calculations

5 Reasons...

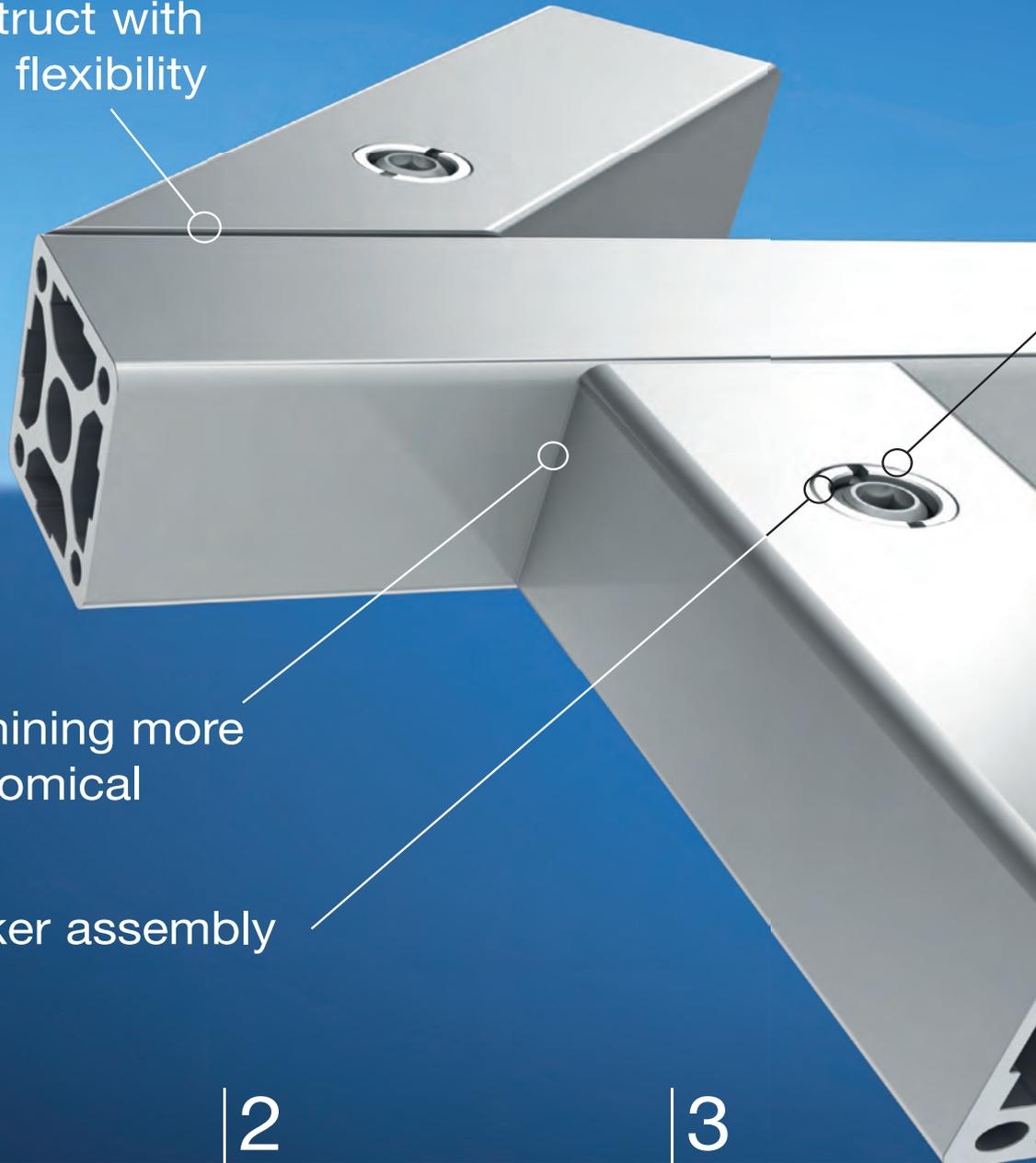
for Your Success

Results for more than 3,500 competitions.

1 construct with more flexibility

2 machining more economical

3 quicker assembly



1

30% to 600%
construct with more flexibility

- with in-depth software
- with CAD & an online library
- with universal connector system

MayTec range:
more than 400 profiles

2

20% to 50%
machining more economical

- with simple handling
- with minimum processing times
- with common components

MayTec leads
in all disciplines

3

60% to 340%
quicker assembly

- with simple assembly steps
- with superior stability
- with good access

MayTec assembly time:
5 sec.

How to...

select the right Profile System

4 more stable connections

5 service locations

4

100% to 260% more stable connections

- using a central connection point
- with solid connectors
- with high connection strength

MayTec stability:
18,000 N working load

5

more than 70 service locations

- with professional advice
- with professional processing
- with rapid delivery

MayTec service:
world wide more than 70 distributors

The wide range of aluminium profile systems available often prevent a detailed critical comparison between each other.

The decision to purchase is therefore often made without detailed profit analysis.

Experienced designers and critical purchasers want to know the important details.

Which factors lead to the best technical and managerial decision?

More than 3,500 tests with 14 different profile systems prove what's important.

1. How much design flexibility do I have with the system?
2. What equipment do I need to turn out the profile system economically?
3. How fast and simple is the system to assemble and disassemble?
4. How stable is the system?
5. Is there a service location if required?

Professionals win with the **MayTec System** in all 5 disciplines.

These listed results are test results in percent for more than 3,500 competitions.

	plain	plain	plain	plain
16	<p>16x40</p> <p>L</p> <p>S</p> <p>1FLP</p>	<p>16x40 16x80 16x160</p> <p>L</p> <p>S</p> <p>1ELP 2ELP 4ELP 1ESP 2ESP</p>		
20	<p>20x20</p> <p>L</p> <p>S</p> <p>2HLP 4HLP 2Hs.SP 2Hc.SP 3HSP 4HSP</p>	<p>20x40</p> <p>6HLP 4HSP 6HSP</p>	<p>20x10 20x30</p> <p>L</p> <p>S</p> <p>1FLP 1FLP 2FLP 1FSBP 2FSBP</p>	
30	<p>30x30 30x50 30x60 30x100 30x150</p> <p>L</p> <p>S</p> <p>1FLP 2Fc.LP 2FLP 3FLP 4FLP 4FLP 2Fs.SP 0FSP 1FSP 2Fc.SP 2Fc.SBP 2FSP 3FSP 4FSP 4FSP 0FSP 6FSP 3FSP 8FSP 10FSP 8FSBP</p>	<p>30x150</p> <p>8ESP</p>		
40	<p>E3 40x40 40x80 40x120 40x160 80x80</p> <p>L</p> <p>S</p> <p>2Es.LP 1ELP 2Ec.LP 2ELP 3ELP 4ELP 40 r.30° 40 r.45° 40 r.60° 40 r.90° 2FLP 2ELP 2ELP 2ELP 0ELP 2E c.SP 3ESP 4ESP 6ESP 2E 45° LP 7E 45° LP 7ESP 8ESP</p>			
45	<p>E4 45x45 45x60 45x90 90x90</p> <p>L</p> <p>S</p> <p>2Es.LP 0ELP 1ELP 2Ec.LP 2ELP 3ELP 4ELP 4ELP 0ELP 6ELP 4ESP 0ELP 6ESP 8ELP 8ESP</p>			
50	<p>E4 50x50 50x100 100x100</p> <p>L</p> <p>S</p> <p><i>new</i> <i>new</i> <i>new</i></p>			
60	<p>E4 60x60</p> <p>L</p> <p>S</p> <p>2ELP 4ELP 2Ec.SP 2ESP 4ESP</p>			

plain

plain



without grooves

grooves



with grooves

grooves

16	20	30	40	45	50	60	Profile group
<div style="display: flex; justify-content: space-around;"> H F E </div>							Slot type
<div style="border: 1px solid black; border-radius: 5px; padding: 2px; display: inline-block;">plain</div>							plain

L	light
S	heavy
P	plain
B	type B

octag.	octagonal
c.	corner
r.	round
s.	soft
a.	angle

30

	F	30x30	30x50	30x60	60x60				
L		2F e.L	2FL	3FL	4FL	4FL	6FL	8FL	
S		2F s.S	2F c.S	2F c.SB	3FS	4FS	4FS	6FS	8F a.S

40

	E3	40x40	40x80	40x120	80x80	80x160						
L		2E s.L	2E c.L	2EL	3EL	4EL	4EL	6EL	8EL	8EL	8E LB	12EL
S		2E c.S	3ES	4ES	6ES	8ES	8E a.S	12ES				

45

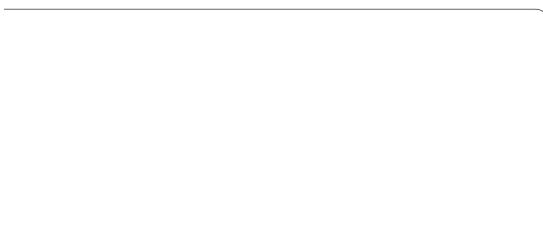
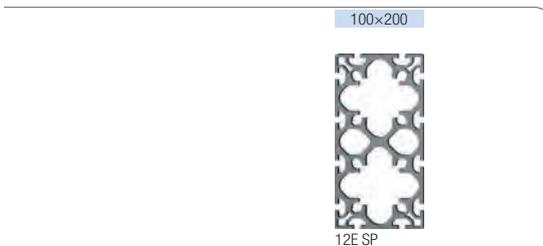
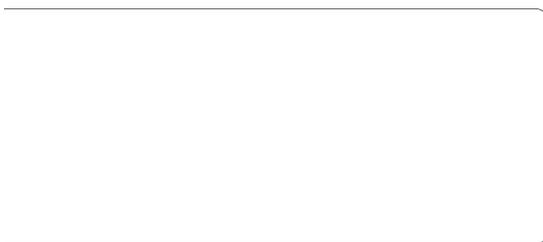
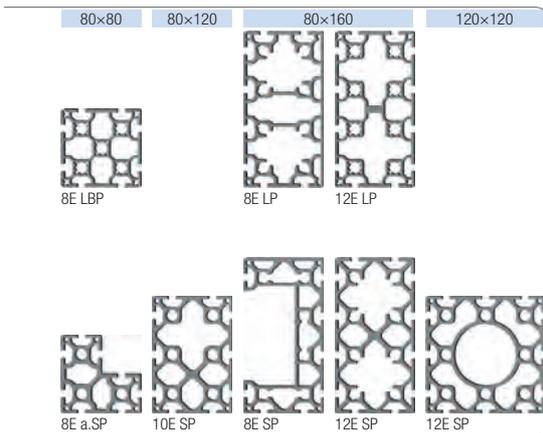
	E4	45x45	45x60	45x90
L		4EL	4EL	6EL
S		4ES	6ES	

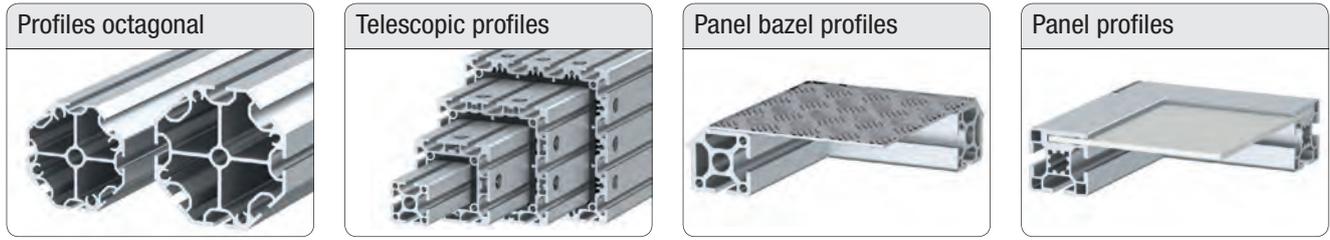
50

	E4	50x50	50x100	50x150	100x100			
L		2E c.L	2EL	3EL	4EL	6EL	8EL	8EL
S		2E s.S	2E c.S	3ES	4ES	6ES	8ES	8ES

60

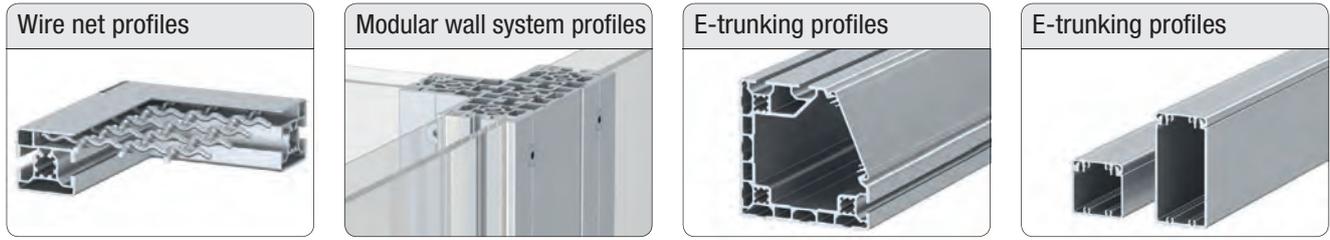
	E4	60x60	60x90
L		4EL	6EL
S		4ES	6ES





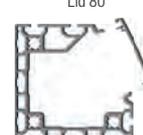
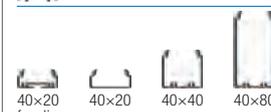
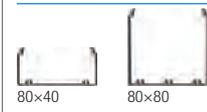
↔ "The Telescopic System"

<p>30 plain</p>	<p>F 30 octag.</p> <p>L</p> <p>S</p> <p>8F SP</p>		<p>30x60</p> <p>3F 45° LP</p>	<p>30x30</p> <p>30x50</p>
<p>40 plain</p>	<p>E3 40 octag.</p> <p>L</p> <p>S</p> <p>8E SP</p>	<p>40x40</p> <p>80x80</p> <p>40x40</p> <p>12E SP</p> <p>16E SP</p>		<p>40x40</p> <p>40x60</p>
<p>45 plain</p>				
<p>50 plain</p>	<p>E4</p> <p>L</p>			<p>50x50</p>
<p>60 plain</p>				



↳ "The Modular Wall System"

<p>30 plain</p>	<p>F 30x30 30x45</p>  <p>2F LP 7.5 2F LP 7.5</p> <p>L</p> <p>S</p>			<p>Lid 30</p>  <p>30x30</p>
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<p>40 plain</p>	<p>E3 40x40 40x60</p>  <p>2E LP 7.5 2E 1F LP 7.5</p> <p>L</p> <p>S</p>	<p>120x120 Lid 80</p>  <p>120x120 3E LP</p> <p>80x160 Profile pre-cut lid 120</p>  <p>80x160 8E SP</p>		<p>Lid 40</p>  <p>40x20 for clips 40x20 40x40 40x80</p> <p>Lid 80</p>  <p>80x40 80x80</p> <p>Lid 200</p>  <p>200x50</p>
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<p>45 plain</p>	<p>E4</p> <p>L</p>	<p>45x45</p> <p>Compression profile</p> <p>47.5x5 45x5</p> <p>50x5</p>  <p>2E c.LP 4E LP 1E LP 4E LP</p>		
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<p>50 plain</p>				
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<p>60 plain</p>	<p>E4</p> <p>L</p>	<p>57x57 60x57 60x117</p> <p>Compression profile</p> <p>57x4 60x4</p> <p>61x4</p>  <p>2E c.LP 1E LP 4E LP 6E LP</p> <p>120x120</p> <p>60x4 with chamfer</p>  <p>4E a.LP</p>		
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Tube profiles



30
plain

30x60 30x100



LP LP

Profiles round



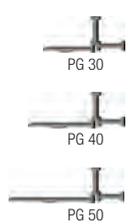
48 round

plain



1E SP 2E c.SP 2E SP

19" profiles

PG 30
PG 40
PG 50

Tubes




Ø20x2 Ø30x3 Ø40x4

Profile pre-cut lids




30 40 50 120

Wire net mounting profiles

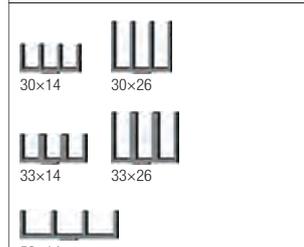



33x10

Grab handle profiles




Sliding profiles

30x14 30x26
33x14 33x26
50x14

C-track




U-profile




40



Curved profiles

For curved profiles the following data is required:

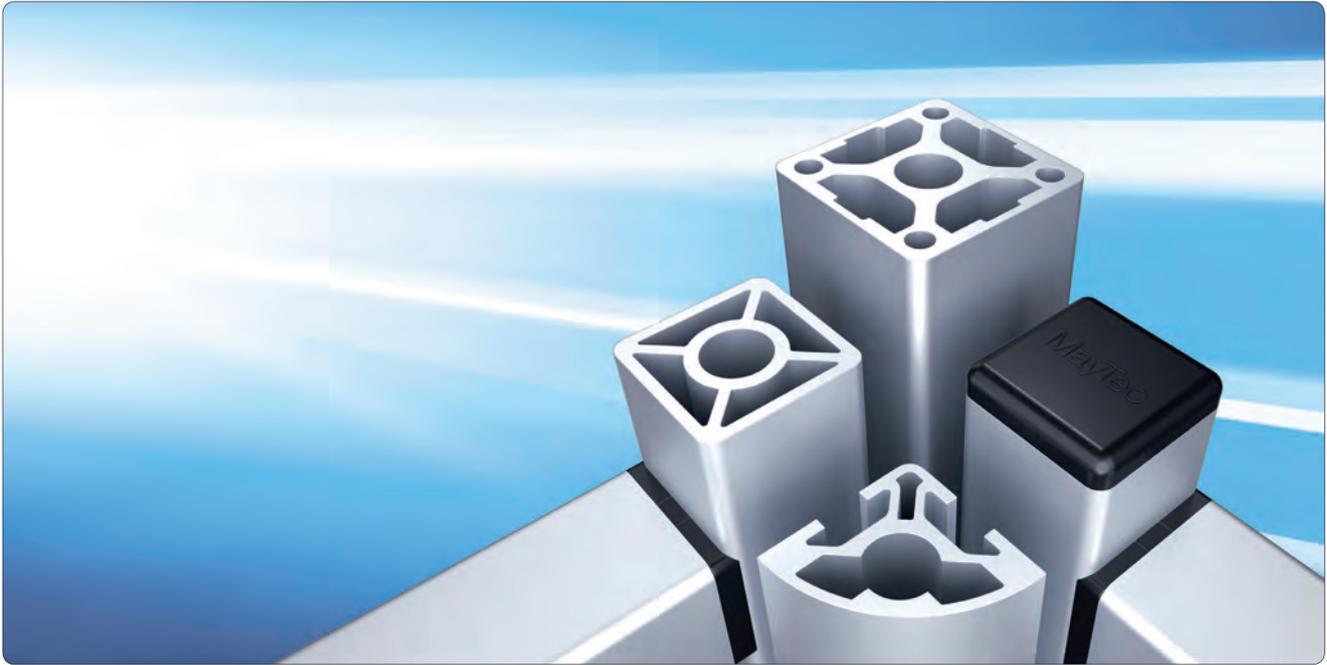
- Profile type
- Position of profile
- Radius
- Direction
- Necessary accuracy of dimensions for curved profiles and for all required functionality



Position of profile

Round cabin





The Profile System

for

- Clean-room technology
- Electrical engineering
- Medical technology
- Food industry
- Optical industry
- Pharmaceutical technology

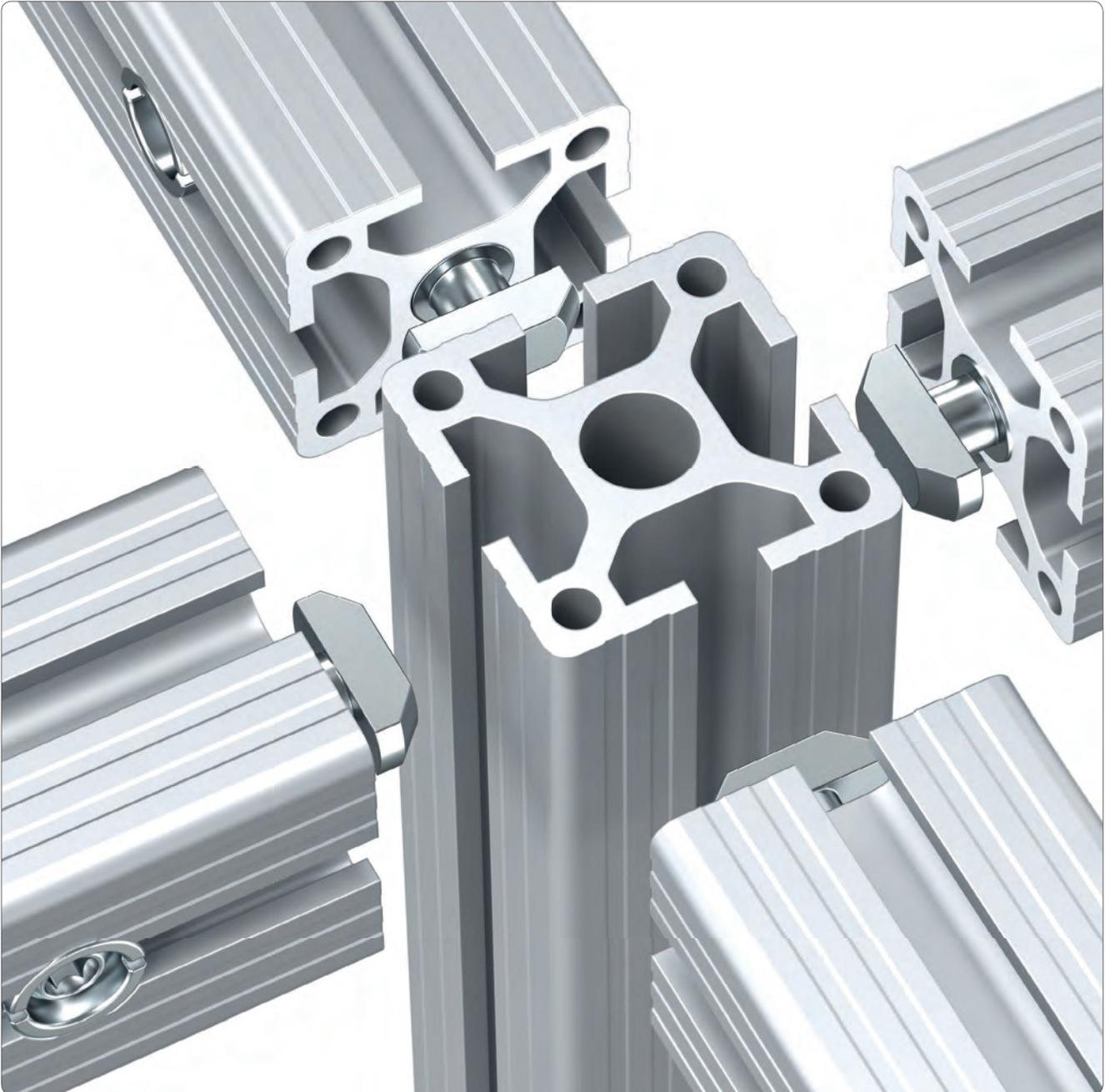
MayTec increases its range with new components to enhance the use of the Profile System in application areas where high sterility standards apply.

Covering fields in the optical industry, food industry, medical technology applications and

electrical engineering the profiles can now be utilized on a large scale.

Based on the MayTec Standard System and the MayTec Connection System, it enables simple and quick assembly and guarantees the highest stability.





extremely strong

efficient

functional

The proven connection system!

The MayTec quick-connection system allows the combination of all MayTec profiles in any way conceivable.

It maintains equal rigidity in all four sides.

The connection allows:

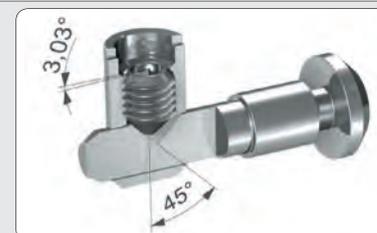
- easy machining
- quick assembly
- limitless (dis)assemblies

The connection system is:

- complete
- stable
- functional

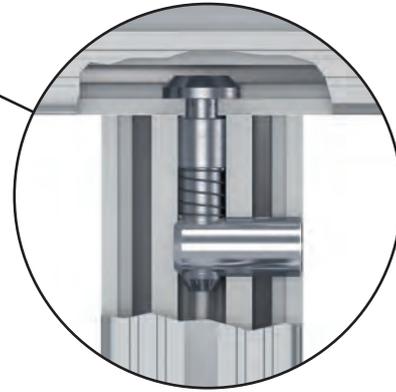
Vibration proof

The different direction angles of lead of thread and clamping cone prevent the loosening of the connection by vibration.





Stability S-Class



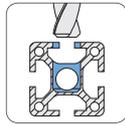
**MayTec
Universal-Connector**

18,000 N
working load

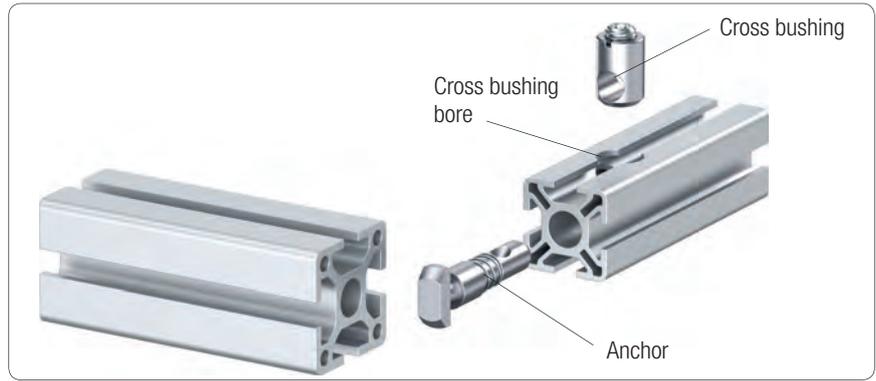
**Vibration
proof**

The MayTec Connector System

- mounting of connector in core hole
- with machining



Cross
bushing bore



Standard



Screw-type



Parallel



Oblique



Oblique-cross



Extension / Parallel



Miter



Shifter



Extension

Anti-twist devices



with retaining plate



with T-Nut

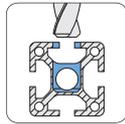
Clamping lever for connectors



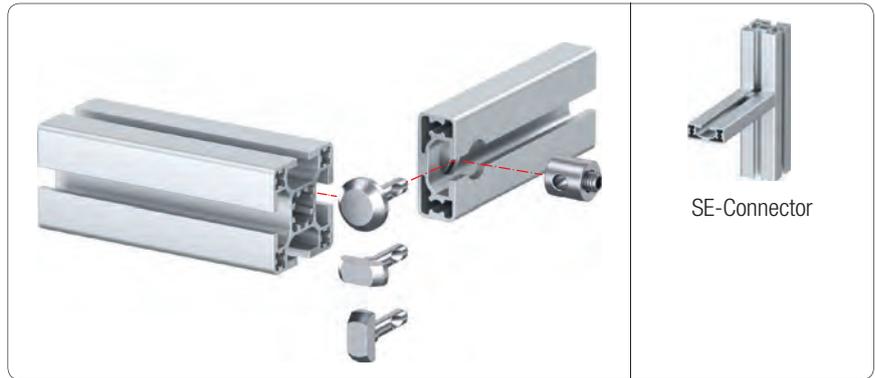
Clamping lever

The MayTec Connector System

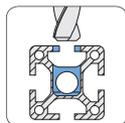
- mounting of connector in slot
- with machining



Cross bushing bore



SE-Connector



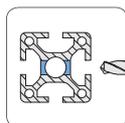
Cross bushing bore



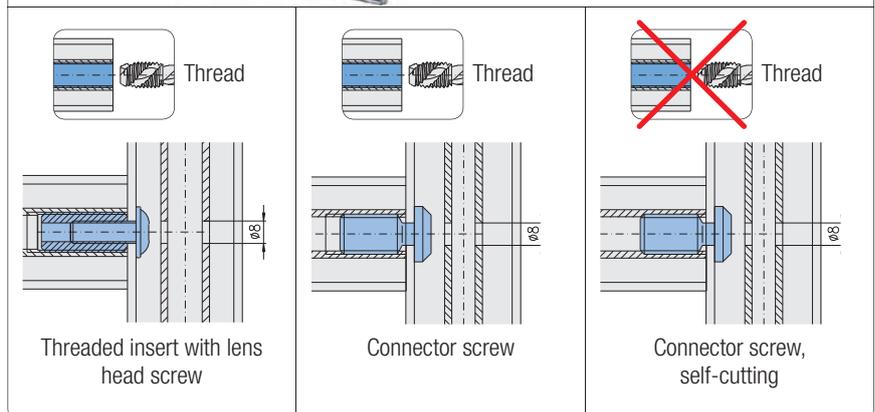
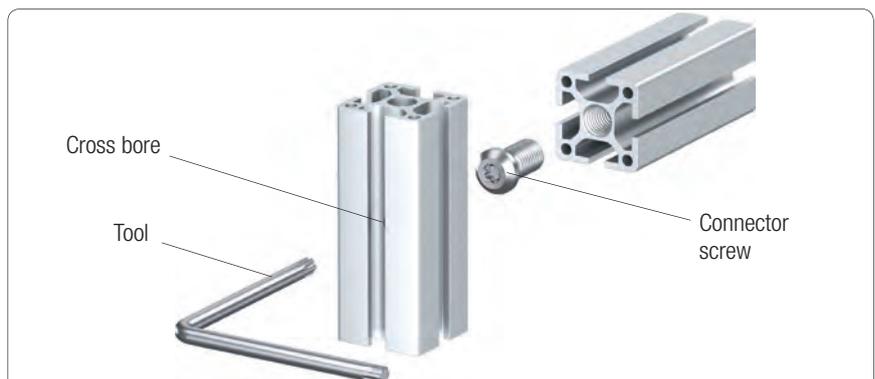
ST-Connector

Screw-type connections

- with machining

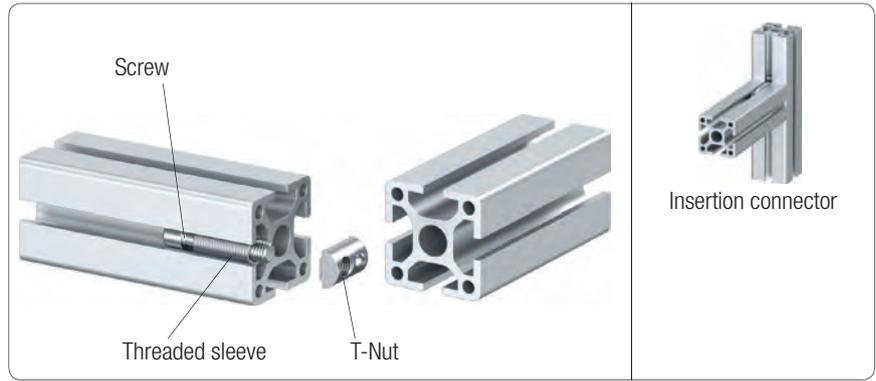


Cross bore



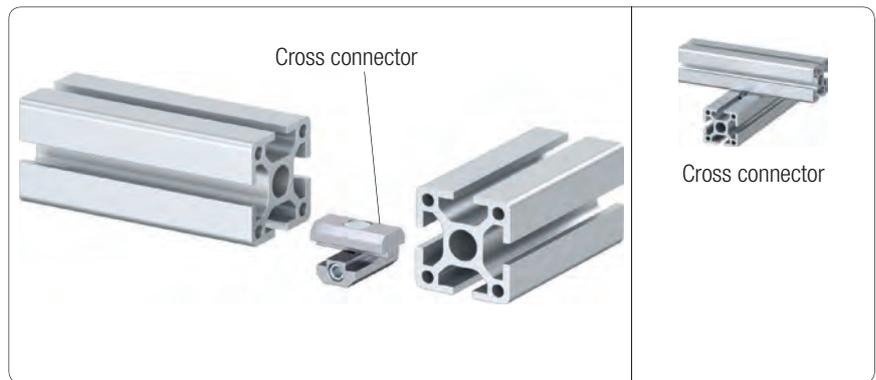
Insertion connections

- without machining



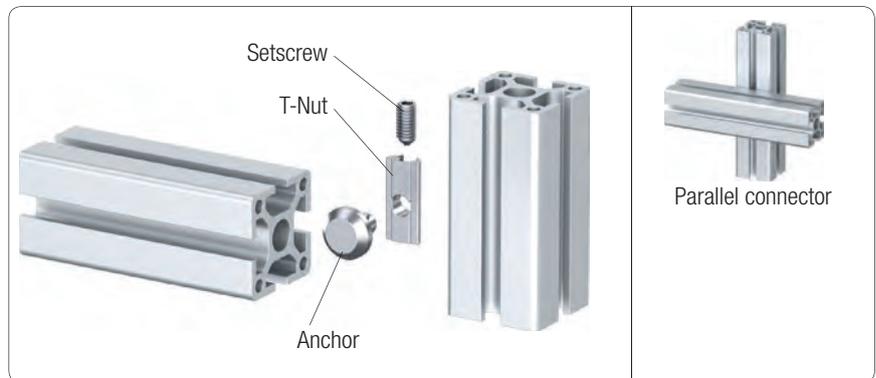
Cross connections

- without machining



Parallel connections

- without machining



Angle connections

- without machining



1.3 Fastening elements



Threaded plates



Threaded plates for subs. insertion



Threaded plates heavy



T-Nuts



T-Nuts for subs. insertion



Spring-nuts front-sided insertion



T-slot nuts



Rhomboid T-slot nuts with self-locking



T-Bolts front-sided insertion



Threaded inserts



Press-fit threaded inserts

1.4 Installation accessories



Cover profiles



Cover profiles



Sliding and cover profiles



Reducing profiles



Combination profiles 160



Combination profiles



Combination profiles for sliding profiles



Guide profile for sliding profile



Framing profiles one piece



Wedge profiles



Sponge rubber round cords



Sealing profile



Framing profiles



Rubber cover-profiles



Cover caps for profiles



Cover cap Ø48 for hand rail profile



Cover plugs for cross bushings



Cover plugs domed for cross bushings



Cover caps for tubes



Cover caps for screw bores



Radius covers



Radius compensations



Floor levelling screws



Levelling foot PA 20



Hand adjustable feet



Levelling feet



Adjustable tilt-feet



Angular adjusting feet



Base foot



Base feet



Base angle



Stacking foot



Fixed castors



Swivel castors



Swivel castors lockable



Locking castors



Angles



Angles PA



Angles GD-Zn



Angles GD-Al



Angles Alu



Swivel angles straight design



Swivel angles



Cross connection plates



Base plates



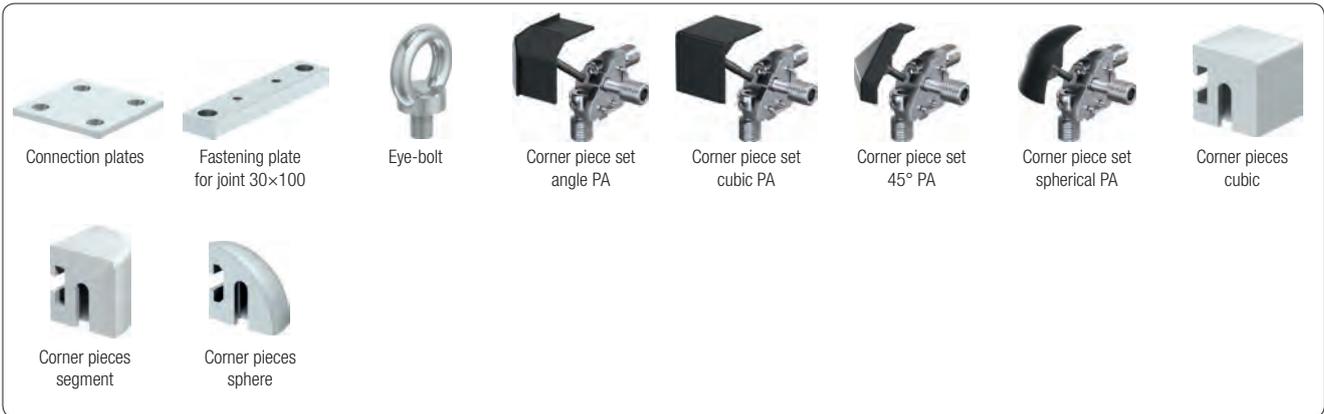
Floor mounting plate



Mounting plates



Floor plate

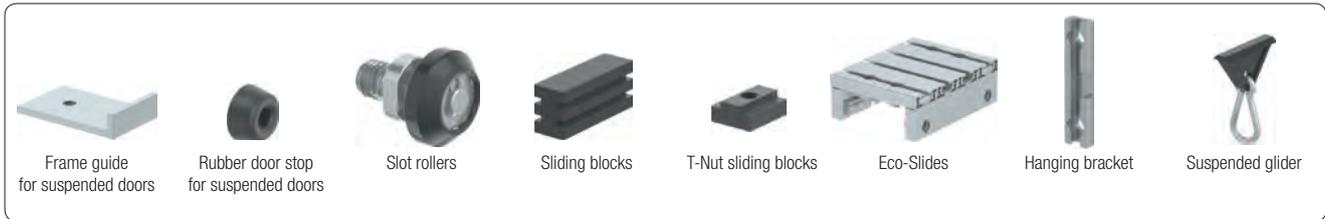


1.5 Pneumatic accessories



1.6 Additional accessories

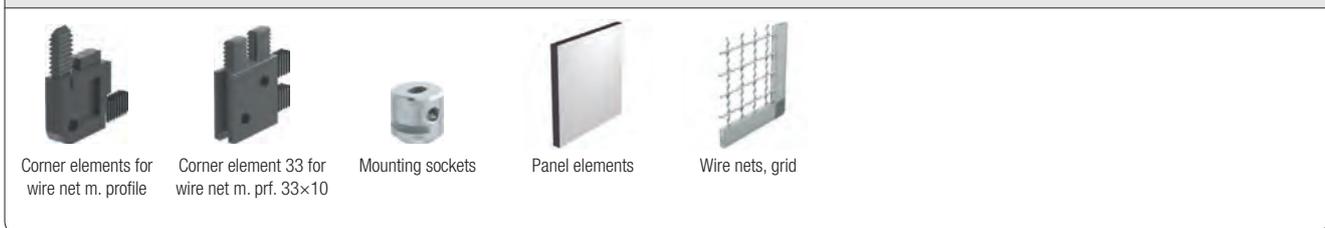




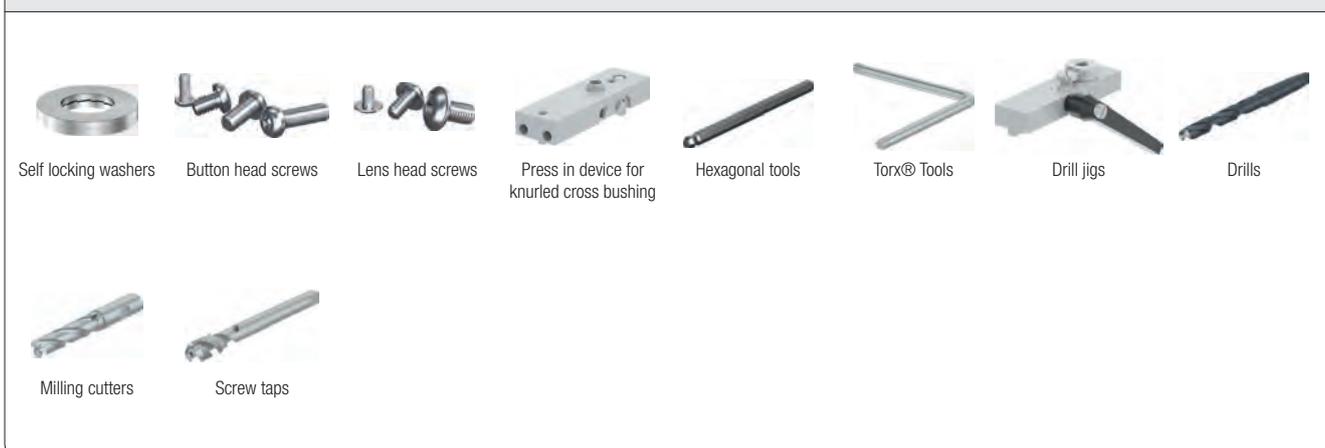
1.7 Electrical accessories



1.8 Panel elements

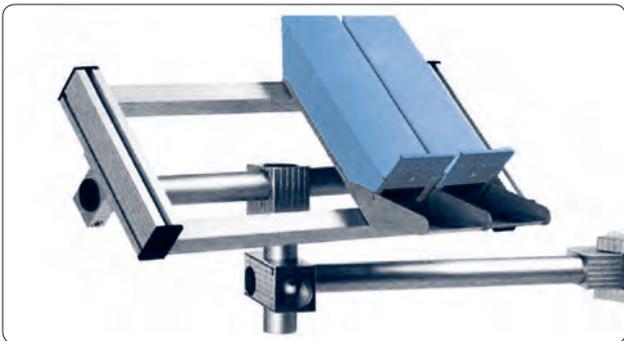


1.9 Tools





Rotate,
Tilt,
Slide in any direction:
Tube clamping elements



Adjustable picking bins with slide mechanism



Adjustable picking bins with tilt mechanism



Tilt and lock mounting frame for 19" equipment





The MayTec Linear System

MayTec offers a wide range of accessories to expand and simplify the integration of linear guidance technology with profile technology. The integration of various linear guidance hardware is also possible due to the modular concept of the system.

Economical and functional solutions can now be realized with a minimum of time and effort.

Encased roller bearings

A tried and tested linear guidance system with a large range of application possibilities. Depending on the required specifications and accuracy, encased roller bearings can be used for low or high load applications.

- suitable for rough or dirty applications
- high force tolerance with low wear
- high accuracy with low friction
- long life expectancy



Shaft guidance

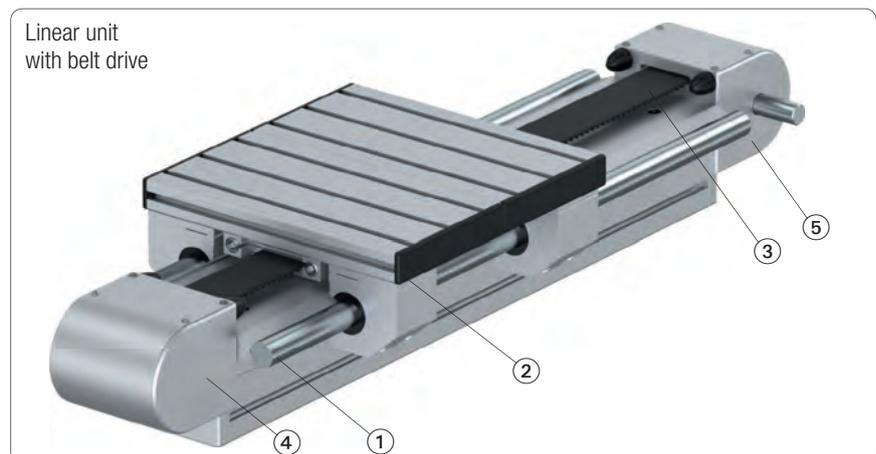
A proven and extremely flexible guidance system due to the compact nature of the construction. Depending on the application requirements, either sliding or ball bearing guides can be used. Shaft guide systems are used where high accuracy along with carriage stability is required.

- compact form
- low resistance
- high stability
- high accuracy
- quiet rolling noise level



Component groups of linear units

- ① Linear shaft guidance
- ② Carriage unit
- ③ Drive unit
- ④ Turning unit without shaft end
- ⑤ Turning unit with shaft end





Linear shaft guidance

Single profile design

Frame design

horizontal



vertical



shaft-Ø

12 mm	16 mm	20 mm	25 mm
-------	-------	-------	-------

Carriage unit

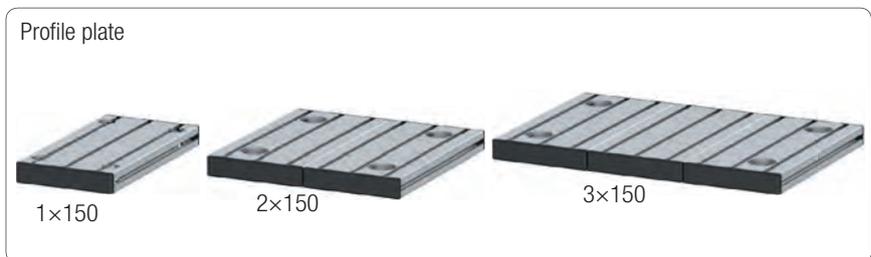
Encased guide block



Exposed roller guide



Carriage plates



Drive unit



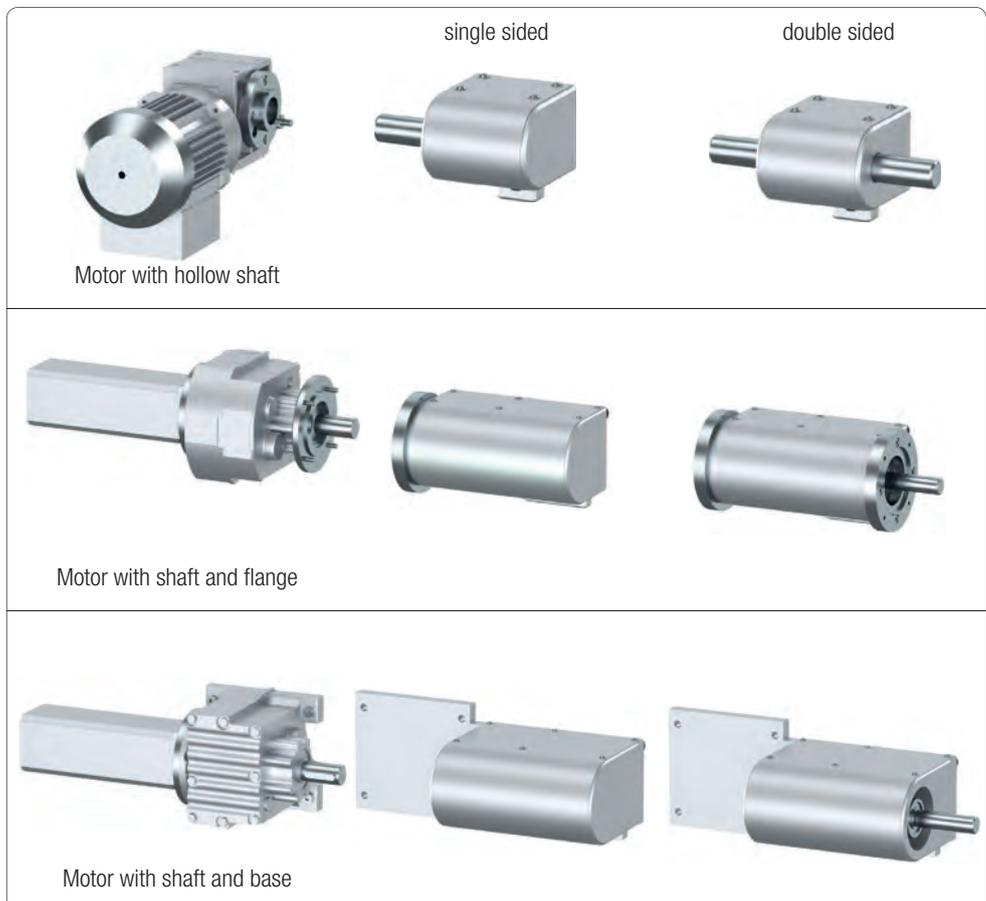
Toothed belt		
Type:	5M	8M
width:	15	20
	25	30
		50

Turning unit

Shaft



Shaft





The MayTec Conveyor System

The MayTec conveyor system provides optimal adaptation to the required task. Belt material, drive type and profile design can be combined in any number of combinations to best suit the application.

Simple handling, reliable technology and solid construction guarantee problem free operation and long life to the system. Standard with the large range of standard sizes and designs - special sizes and custom designs are available on request.

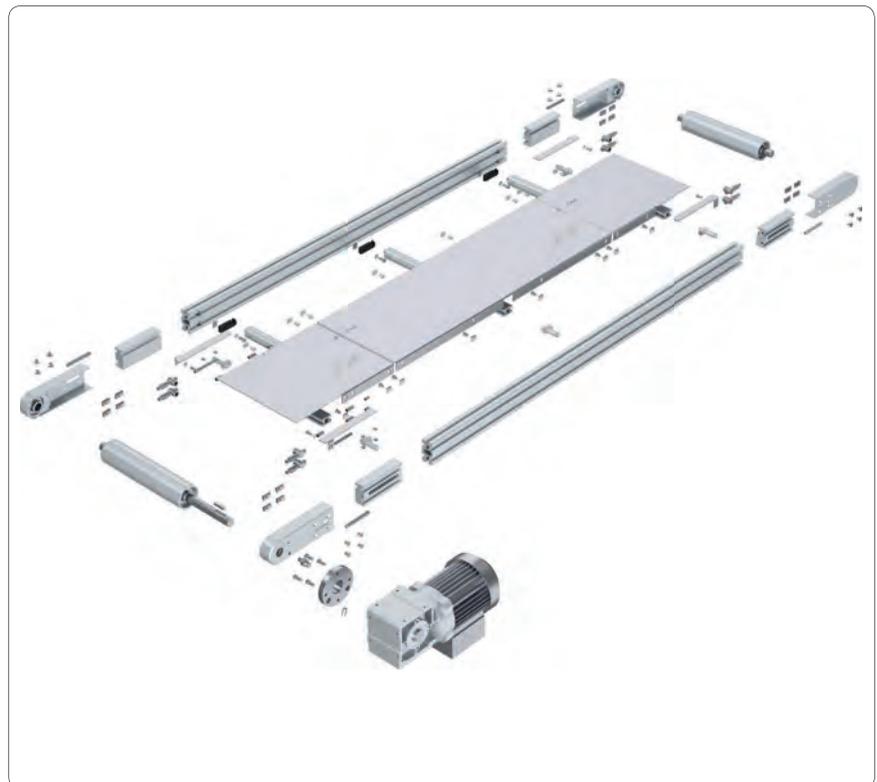
For self assembly, individual components and assemblies can be delivered along with parts lists and assembly instructions as required.

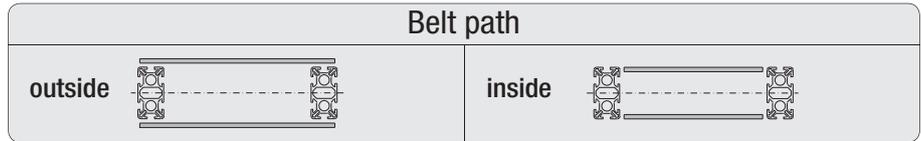
MayTec offers a conveyor system for rapid implementation with short delivery times.

The Components

1. Product type:	<ul style="list-style-type: none"> • Complete conveyor • Components for self assembly
2. Designs:	MayTec Conveyor Protection Class: <ul style="list-style-type: none"> • M-SK1 • M-SK2 • M-SK3
3. Belt path:	<ul style="list-style-type: none"> • Belt running to outside edge • Belt running along inside edge
4. Drive types:	<ul style="list-style-type: none"> • Direct drive • Drive under belt • Center drive • Axial cylinder motor • Drive inside
5. Conveyor height:	<ul style="list-style-type: none"> • 30 mm • 60 mm • 90 mm • 100 mm • 150 mm

Single parts for self assembly





Belt

Fabric belt		
Plastic link chain		
Metal link chain		

Drive type

Direct drive		
Drive under belt		
Center drive		
Axial cylinder motor		
Drive inside		

Belt conveyors



Plastic link chain conveyors



Plastic link chain conveyor, curved





The MayTec Personnel Transfer System

Personnel transfer conveyor

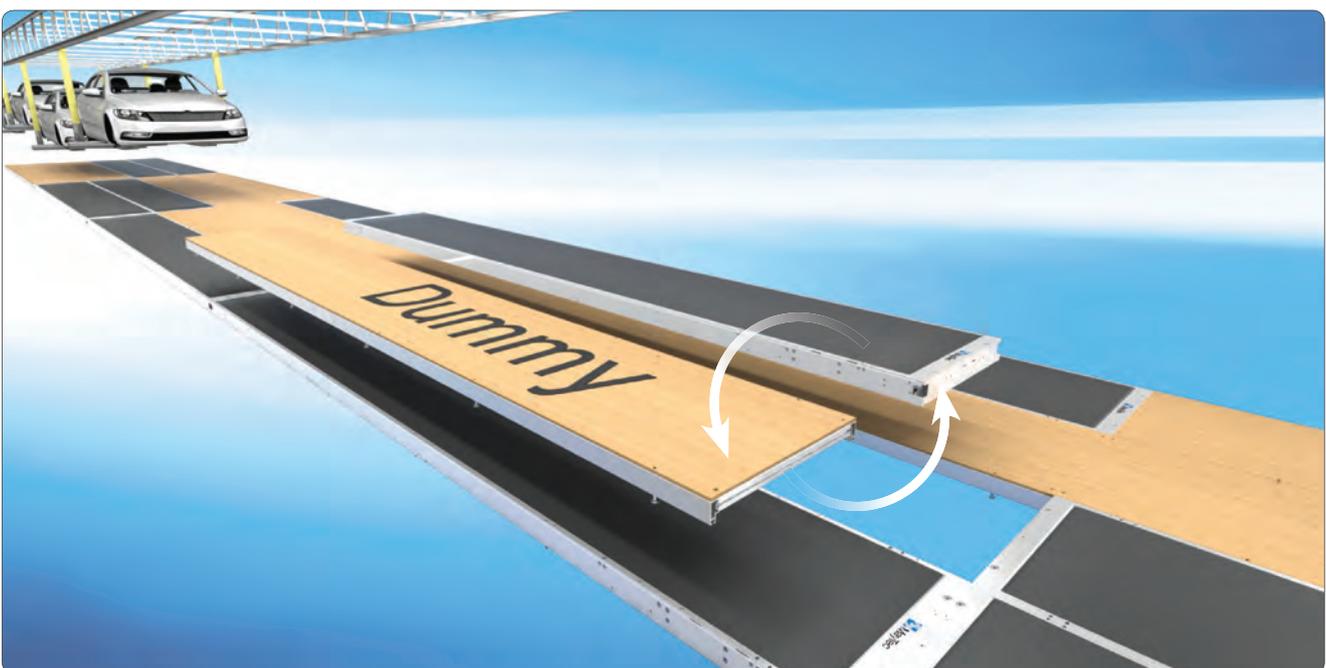
- aluminium base frame
- min. 120 mm total height
- belt options available
- internal drive
- belt speed: 0 - 10 m/min
- optional
- fire safety specification: B1 compliant version
- electrostatic discharge: ESD compliant version

Platform / interchangeable platform

- power supply (electricity, light, water)
- lights
- oil drip trays
- service and access points
- variable working height
- optional
- fire safety specification: B1 compliant version
- electrostatic discharge: ESD compliant version

Project Integration Management

- project implementation
- delivery
- assembly and installation management



installation of conveyors within the platform according to need
 replacement with interchangeable platform
 required time for replacement: approximately 15 minutes



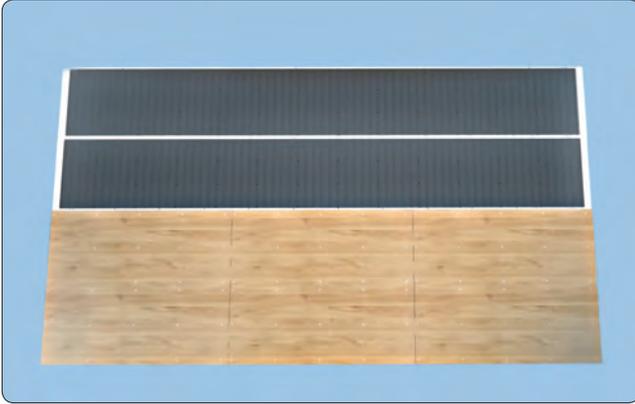
in combination with suspension track system



in combination with skid tracks



in combination with floor conveyors



platform system



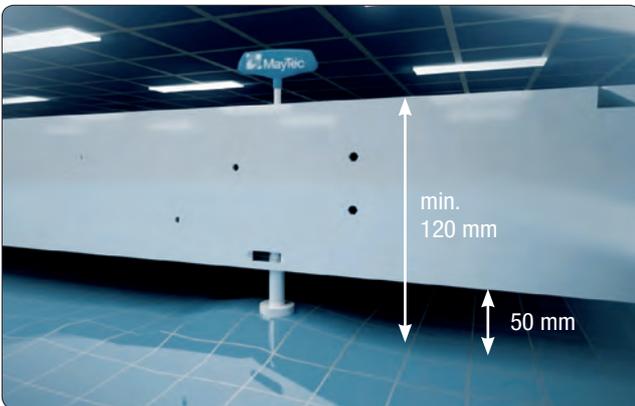
MayTec baseframe with floor panels



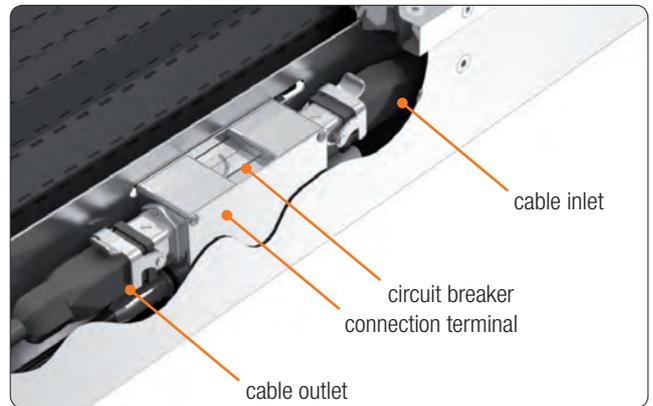
conveyor setup with platform



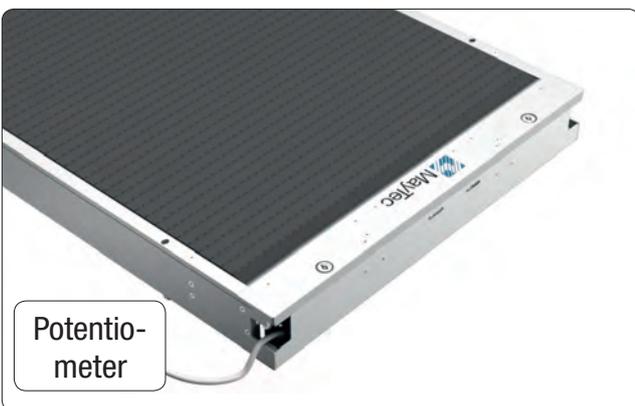
conveyor setup with height adjustable platform



height adjustment for conveyor and platform



connection terminal with circuit breaker



speed adjustment by potentiometer



external speed adjustment



The MayTec Skid Transfer System

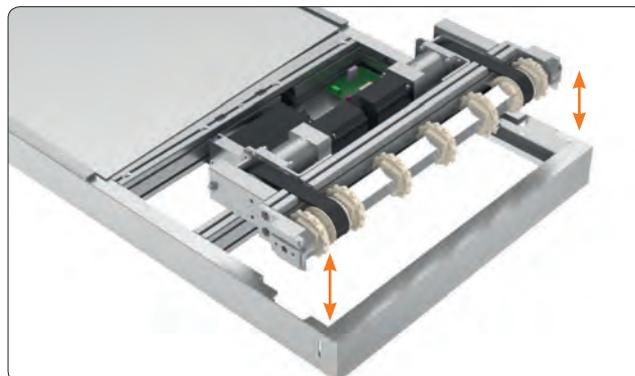
Overview

The Skid Transfer System is an adaptation of the successful Maytec Personnel Transfer System with the following modifications:

- Double drive
- Gear ratio 1:100
- Gliding surface with reduced friction co-efficient
- Control unit

Features

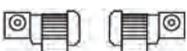
1. During normal operation the "transfer" is performed by both drives with a loading of 45% on each drive
2. If one drive fails the other drive takes over completely with a loading of 90%
3. A signal goes to the main control regarding the failed drive
4. In the case of one drive failing the following procedures occur:
 - Continuous operation of the transfer system on one drive while the failed drive is repaired
 - Removal of drive units from the conveyor which needs repair and from the conveyor in front of it
5. Power consumption is dependent upon the conveyor load where both motors add up to a maximum of 0.75 kW



Drive and redirection units are replaceable from the top



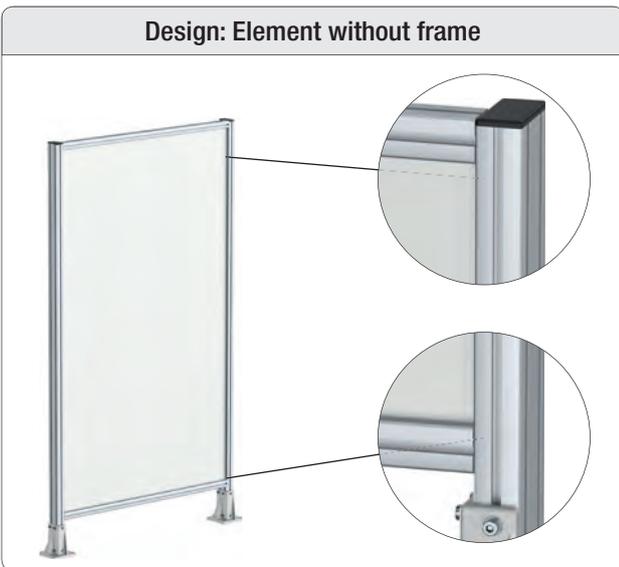
Continuous operation



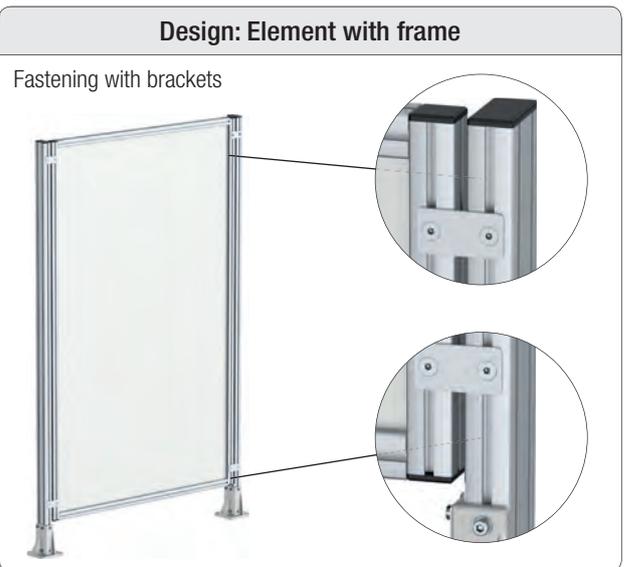
Tandem drive



Design: Element without frame

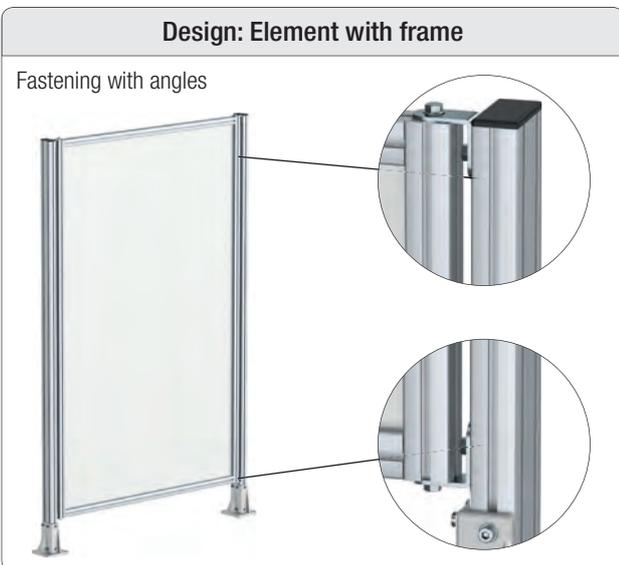


Design: Element with frame



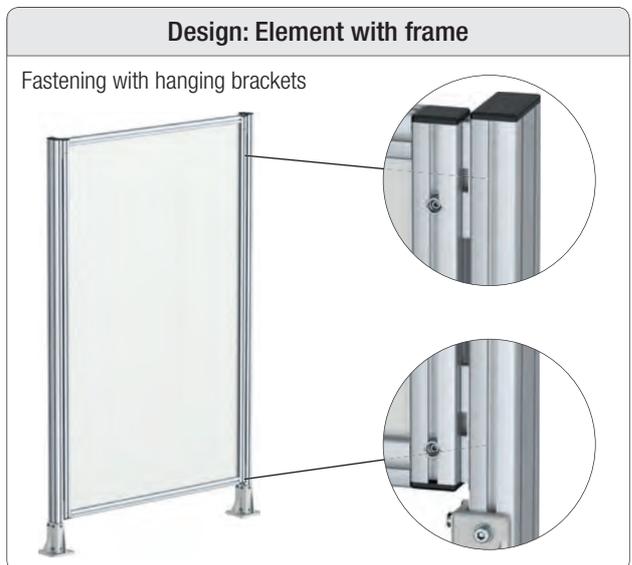
Design: Element with frame

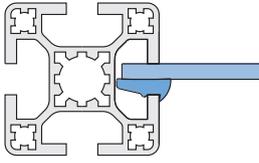
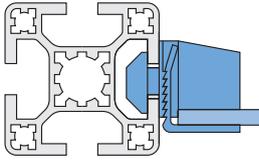
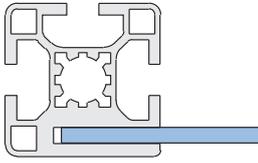
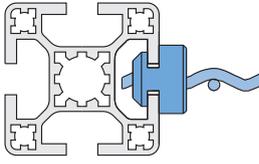
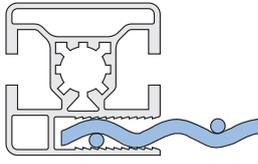
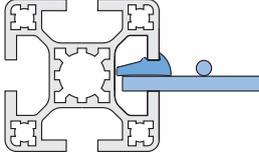
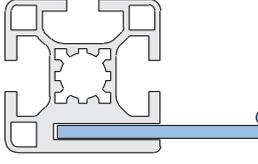
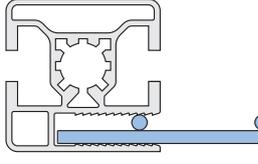
Fastening with angles



Design: Element with frame

Fastening with hanging brackets



Panel element	Frame profile		
	Standard	Panel	Wire net
<p>Polycarbonate</p> 	 <p>with wedge profile</p>  <p>with mounting clamp blocks</p>		
<p>Wire net</p> 	 <p>with mounting sockets</p>		
<p>Welded wire net (steel)</p> 	 <p>with wedge profile</p>		

Safety barrier element:
without frame



Element			Post																
Panel element	Frame profile					Mounting			Post profile										
	Standard		Pa- nel	Wire net		of panel element			Standard							Panel			
	40×40, 4E	45×45, 4E	40×40	30×30	40×40	wedge profile	m. clamp blocks	mounting sockets	40×40	40×80	80×80	80×80, corner	45×45	45×90	60×80 5E	60×80 6E			
Polycarbonate trans- parent	4 mm					•	•		•	•	•	•							
		•				•	•						•	•					
			•												•	•			
Wire net	alu	3×20×20 mm						•	•	•	•								
			•						•				•	•					
		4×30×30 mm	•						•	•	•	•							
	steel	4×30×30 mm,	•						•	•	•	•							
		4×40×40 mm		•					•					•	•				
Welded wire net (steel)	3×25×25 mm	•				•			•	•	•	•							
			•				•					•	•						
	4×40×40 mm	•				•			•	•	•	•							
			•				•						•	•					
Welding protecting glass	green- brown	4 mm	•			•			•	•	•	•							
				•			•						•	•					
					•											•	•		

Safety barrier element:
with frame



Element			Post												Fastening					
Panel element	Frame profile			Mounting			Post profile						of element							
	Standard	Pa- nel	Wire net	of panel element			Standard				Panel									
	40×40, 4E	45×45, 4E	40×40	30×30	40×40	wedge profile	m. clamp blocks	mounting sockets	40×40	40×80	80×80	80×80, corner	45×45	45×90	60×80 5E	60×80 6E	hanging bracket	angle	bracket	
Polycarbonate transparent	4 mm																			
Wire net	alu	3×20×20 mm																		
	steel	4×30×30 mm																		
		4×30×30 mm, 4×40×40 mm																		
Welded wire net (steel)	3×25×25 mm																			
	4×40×40 mm																			
Welding protecting glass	green-brown	4 mm																		



The Telescopic System

The MayTec Telescopic System allows the construction of linear axes and drive systems using minimal components.

The excellent glide properties of each segment along with fine adjustment capabilities guarantee minimal play between sections and high load bearing capacity.

Benefits of the MayTec System:

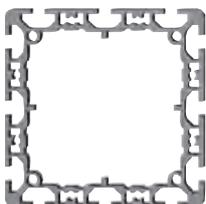
- high flexibility
- high load bearing capability and durability using low weight sections
- modular with simple construction
- compatible with the Maytec Profile system
- uses standard Maytec slots for the mounting of accessories and control elements
- maintenance free and corrosion resistant



40×40



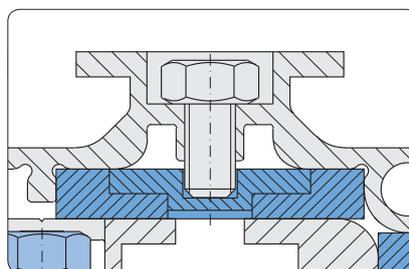
80×80, 8E SP



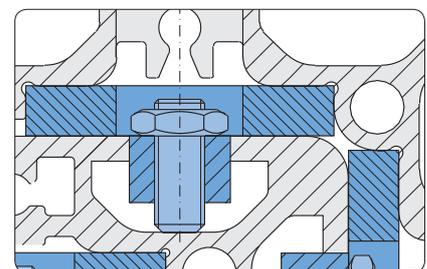
120×120, 12E SP



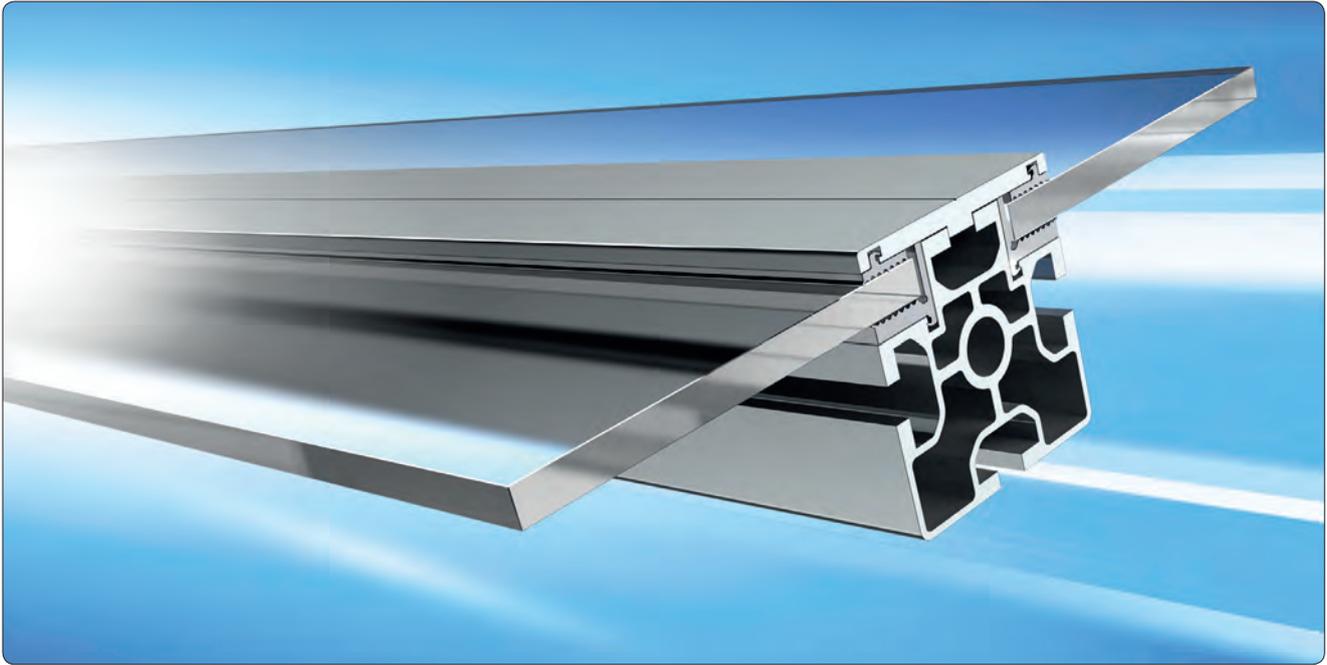
160×160, 16E SP



Sliding block fixed



Sliding block following-on

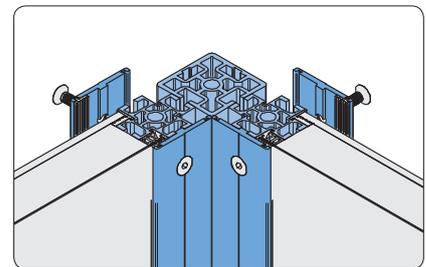
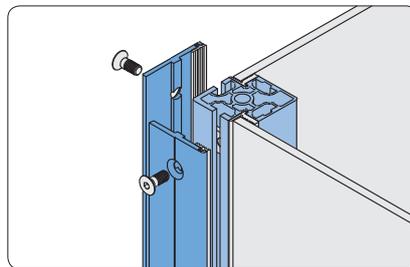
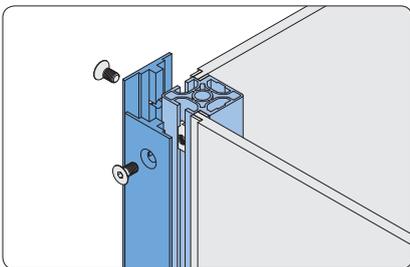
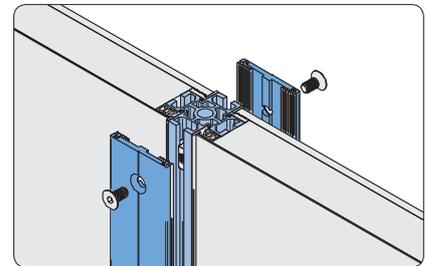
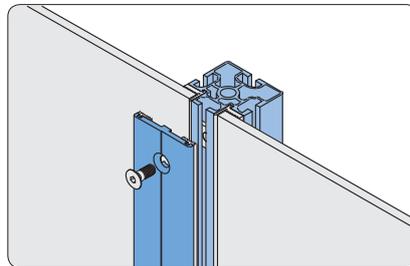
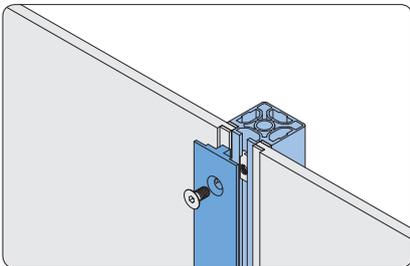


Single sided System

Double sided System

Profiles 45

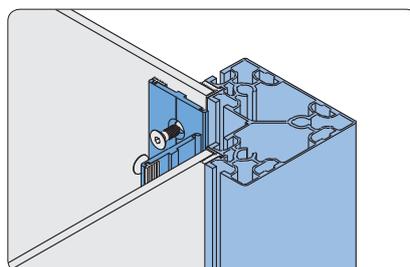
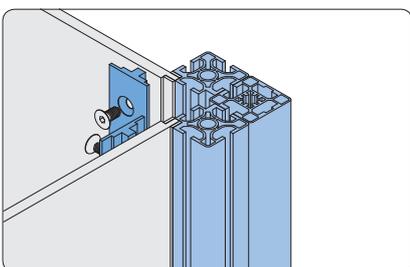
Profiles 60



External corner

External corner

Internal corner, external corner



Internal corner

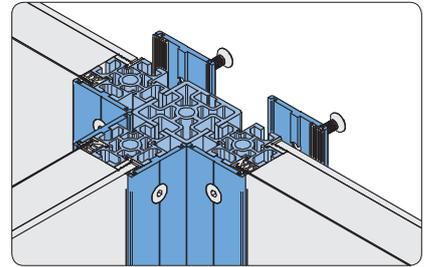
Internal corner

Single sided System

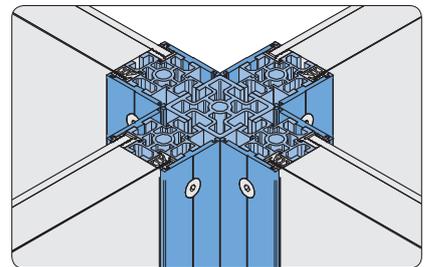
Double sided System

Profiles 45

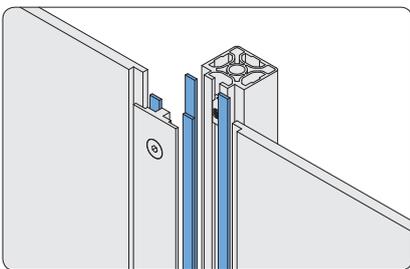
Profiles 60



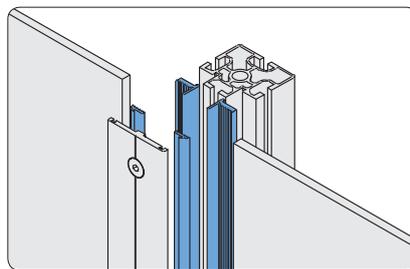
T-connection



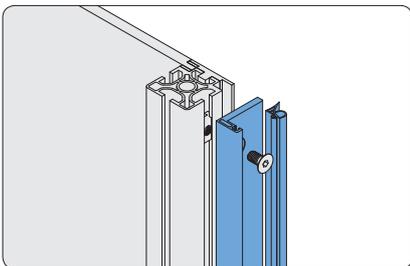
Cross connection



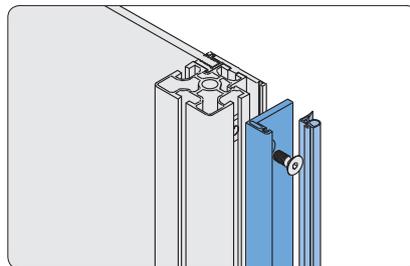
Intermediate element



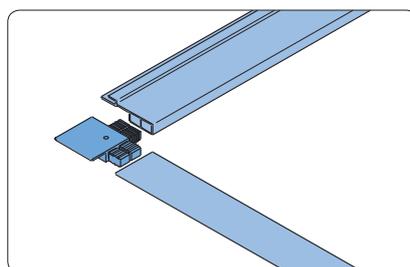
Intermediate element



Door stop profile with door seal



Door stop profile with door seal



Ceiling frame profile with corner piece 40x10



The MayTec Dust Protection System for automotive paint shops

Advantages in the paintwork process:

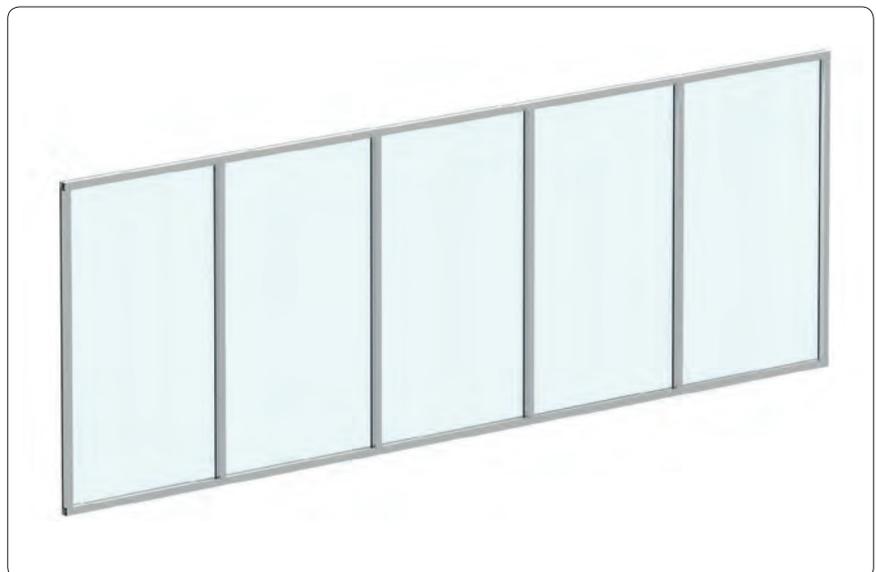
Improvement of the air quality to class F9

Therefore:

- increase of the "first run rate"
- reduction of rework due to dust
- reduction of cleaning time
- increase worker safety

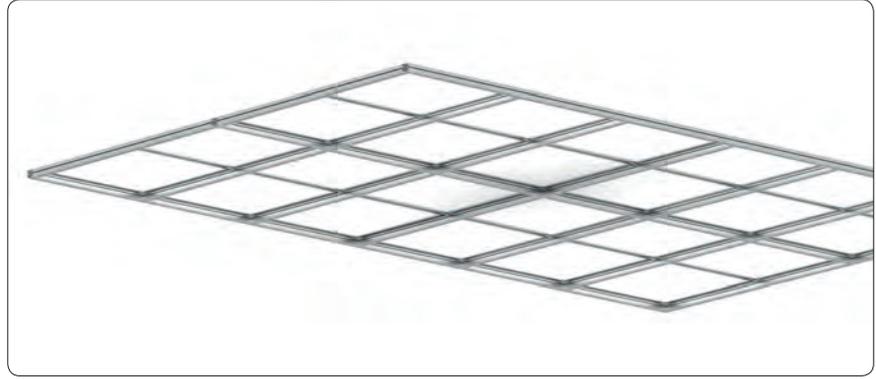
Wall element

Aluminium frame to suit glass panels with
thickness of 6, 8 or 10 mm



Ceiling element

Aluminium frame with B1 foil, to reduce additional lighting and sprinkler systems



Doors

Glass doors with standard locking system or safety doors with access control



Door with standard locking system



Safety door with access control

Filtration unit

Ventilation system with F7 (pre-filter) and F9 (main filter)



Filtration unit



Control terminal (HMI)

Control terminal (HMI)

for access control and monitoring filter system



Technical data
 Pipe outside-Ø: 28 mm
 Length of pipe: 4 m

		ESD		Standard									
		without coating	black	black	white	ivory	dark grey	light grey	dark blue	light blue	green	red	yellow
		wall thickness in mm											
Steel, ABS coated	Steel pipe	0.7											
		1.0											
		2.0											
Steel, ABS coated	Slide pipe	1.0											
	Flat pipe	1.0											
Stainless	Stainless steel pipe	0.7											
		1.2											
Aluminium	Aluminium pipe	2.0											
Aluminium	Aluminium pipe profile	1.5											

Standard joints



Standard joint 90°

Standard joints overlapping joint



Standard joint 90°

Angle joints



Corner joint

Crossover joints



Crossover joint



Tangential joint



45° angle joint



Tangential crossover joint



90° angle joint



Hinged joint



Bolted crossover joint



180° joint



180° joint



Double hinged joint



Tangential bolted crossover joint



T-joint



Hinged corner joint



Star joint

Parallel joints



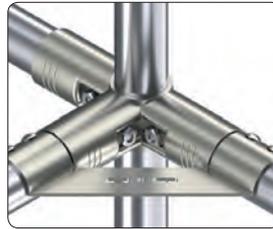
Parallel joint

Extensions



Extension for ABS coated pipes

Joint bracing



Corner support

Sliding joints



90° sliding joint



Double standard joint



Extension for stainless steel pipes



Corner support type B



Parallel sliding joint



Double sided parallel sliding joint

Flat pipe joints



Flat pipe joint

Slide pipe joints



Slide pipe joint



Slide pipe joint with stop



Slide pipe joint union



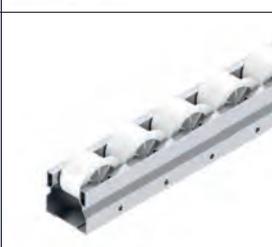
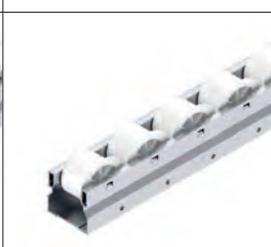
Slide pipe joint with offset



Slide pipe bridge

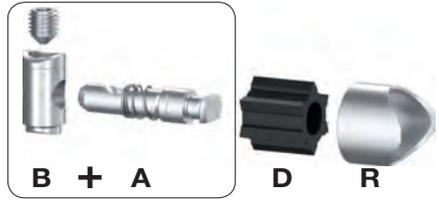
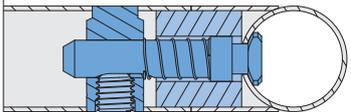
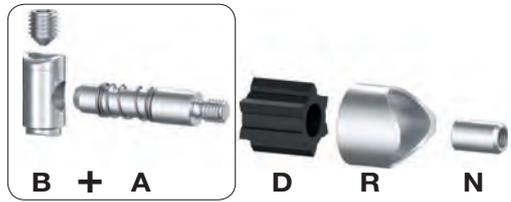
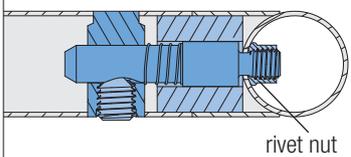
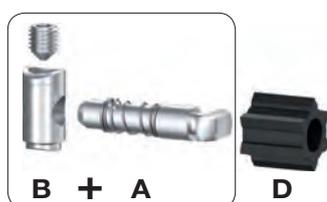
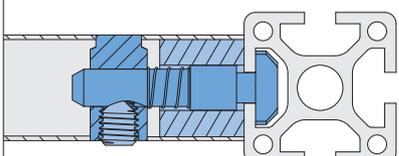
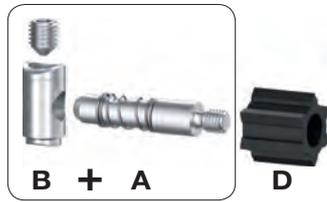
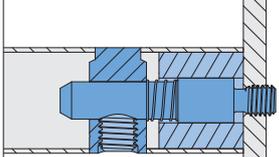


Slide pipe bridge, rounded

Roller type	Width			
	40	40 low noise	60	85
Standard				
				
ESD	 	 	 	
Flat				
	ESD	 		 
Edge roller				
	ESD	 	 	



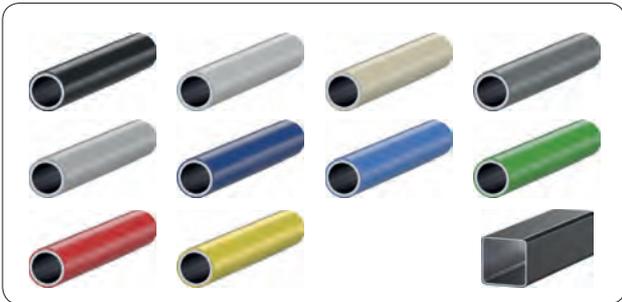
Patent pending

Connection	Connector	
<p>Ø28 Pipe ⇔ Ø28 Pipe</p> 	 <p>B + A D R</p>	
<p>Ø28 Pipe ⇔ Pipe profile Ø28 (with slot)</p> 	 <p>B + A D R N</p>	 <p>rivet nut</p>
<p>Ø28 Pipe ⇔ Profile (with slot)</p> 	 <p>B + A D</p>	
<p>Ø28 Pipe ⇔ Panel element</p> 	 <p>B + A D</p>	

A = Anchor, **B** = Cross bushing, **D** = Connector sleeve, **R** = Intermediary, **N** = Rivet nut

Material trolley, stainless steel

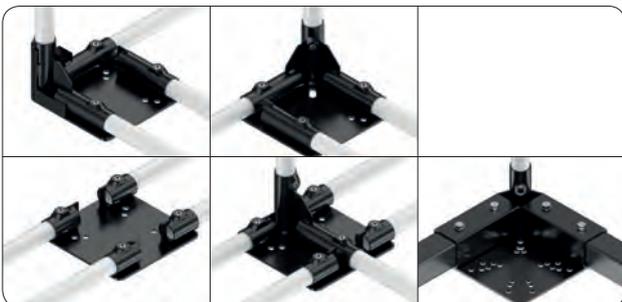




Steel pipes Ø28, steel pipe square



Profiles 40, 45



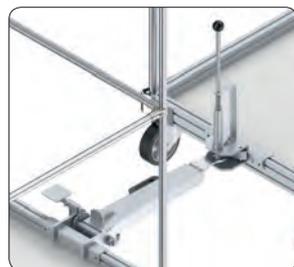
Footplates for pipes and square



Castors



Corner protector



Drawbars and couplings

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The key ...

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