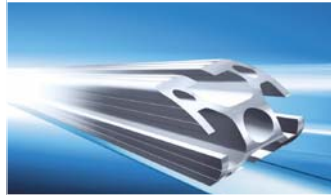




» Product Summary



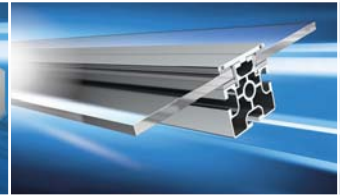
The Profile System



The Clean-Room System



Safety Barriers



The Modular Wall System



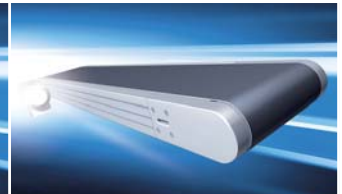
The Tube Clamping System



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

powered by
MayCAD
 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.

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

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.

Applications

- machine bases
- machine enclosures
- machine guarding
- work stations
- assembly and inspection stations
- transfer and supply trolleys
- partitions and protective walls
- protective and work cabinets
- special shelves
- plant equipment
- display systems
- exhibition cabinets and stands

MayCAD Design Software	2
MayTube Design Software	3
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 The Conveyor System	27
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 The Skid Transfer System	33
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 The Dust Protection System	41
 The Pipe & Joint System	43

The Profile System:

MayCAD
Design Software

- Free to use
- Easy to install
- 80% Faster
- Export function for 3D models and parts list

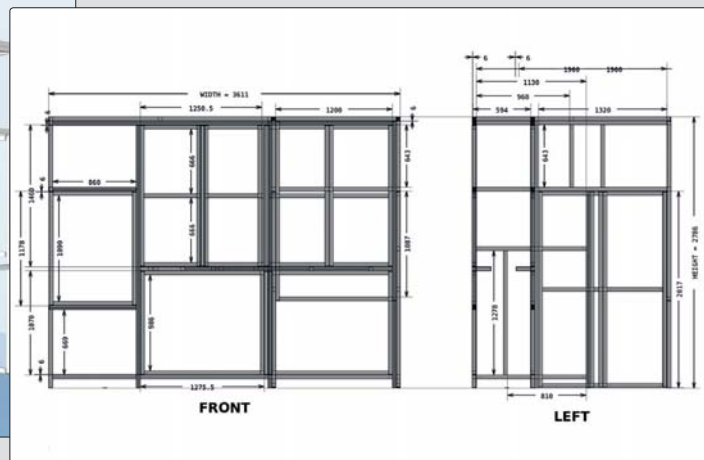
Sample

Machine enclosure

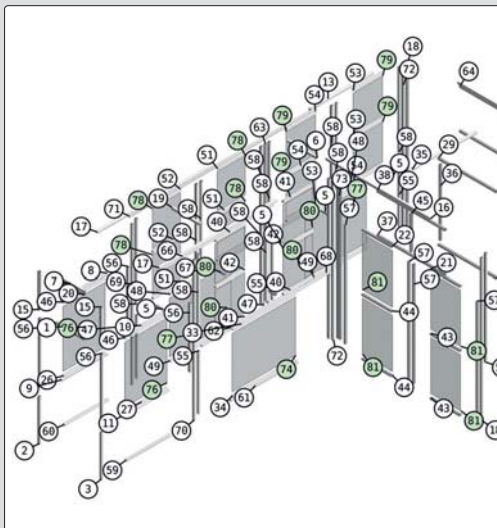
Complete in 20 min. ... Ready



3D view



Dimensional drawing



Exploded view with part numbers

**DRAWING 7, Pos 78
Shape measurements**

**DRAWING 7, Pos 80
Shape measurements**

**DRAWING 7, Pos 80
Shape measurements**

**DRAWING 7, Pos 80
Shape measurements**

Design Title : 0808000
Customer Name : 6/6/2024

Construction documentation
 © MayTec

Bill of materials

Qty.	Accessories	Accessories	Accessories	Accessories	Accessories
1	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	1	13.10
2	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	2	15.30
4	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	4	15.30
5	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	5	9.30
6	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	6	9.30
7	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	7	13.10
8	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	8	13.10
9	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	9	13.10
10	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	10	13.10
11	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	11	13.10
12	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	12	13.10
13	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	13	13.10
14	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	14	13.10
15	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	15	13.10
16	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	16	13.10
17	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	17	13.10
18	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	18	13.10
19	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	19	13.10
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21	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	21	13.10
22	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	22	13.10
23	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	23	13.10
24	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	24	13.10
25	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	25	13.10
26	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	26	13.10
27	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	27	13.10
28	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	28	13.10
29	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	29	13.10
30	1.1.1.00000.1307-MA0001700	Profile 40x40, 15, laucht, glas	mm	30	13.10

81	1.87.060.00	Polysulfon 9 mm, farblos, 5200 x 507,00mm x 506,00mm -> 100
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Detailed drawings for all panel elements

Parts list with calculations

MayCAD

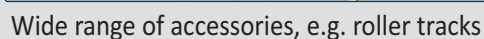
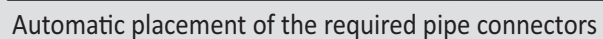
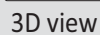
Download link:

Download link:
www.maytec.de/index.php?id=21

MayTube
Design Software

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

Complete in 10 min. ... Ready

Automatic 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

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.

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

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

	plain	plain	plain	plain
16	<div> <div>16×40</div> <div> <div>F</div> <div> <div>L</div> <div>S</div> </div> <div> <div>1F LP</div> </div> </div> </div>	<div> <div> <div>16×40</div> <div>16×80</div> <div>16×160</div> </div> <div> <div>E</div> <div> <div>L</div> <div>S</div> </div> <div> <div>1E LP</div> <div>2E LP</div> <div>4E LP</div> <div>1E SP</div> <div>2E SP</div> </div> </div> </div>		
20	<div> <div>20×20</div> <div> <div>H</div> <div> <div>L</div> <div>S</div> </div> <div> <div>2H LP</div> <div>4H LP</div> <div>2H s.SP</div> <div>2H c.SP</div> <div>3H SP</div> <div>4H SP</div> </div> </div> </div>	<div> <div>20×40</div> <div> <div>H</div> <div> <div>L</div> <div>S</div> </div> <div> <div>6H LP</div> <div>4H SP</div> <div>6H SP</div> </div> </div> </div>	<div> <div>20×10</div> <div>20×30</div> <div> <div>F</div> <div> <div>L</div> <div>S</div> </div> <div> <div>1F LP</div> <div>1F LP</div> <div>2F LP</div> <div>1F SBP</div> <div>2F SP</div> </div> </div> </div>	
30	<div> <div>30×30</div> <div>30×50</div> <div>30×60</div> <div>30×100</div> <div>30×150</div> <div> <div>F</div> <div> <div>L</div> <div>S</div> </div> <div> <div>1F LP</div> <div>2F c.LP</div> <div>2F LP</div> <div>3F LP</div> <div>4F LP</div> <div>4F LP</div> <div>2F s.SP</div> <div>0F SP</div> <div>1F SP</div> <div>2F c.SP</div> <div>2F c.SBP</div> <div>2F SP</div> <div>3F SP</div> <div>4F SP</div> <div>4F SP</div> <div>0F SP</div> <div>6F LP</div> <div>3F SP</div> <div>8F SP</div> <div>10F SP</div> <div>8F SBP</div> </div> </div> </div>	<div> <div>30×150</div> <div> <div>E4</div> <div> <div>L</div> <div>S</div> </div> <div> <div>8E SP</div> </div> </div> </div>		
40	<div> <div>40×40</div> <div>40×80</div> <div>40×120</div> <div>40×160</div> <div>80×80</div> <div> <div>E3</div> <div> <div>L</div> <div>S</div> </div> <div> <div>2E s.LP</div> <div>1E LP</div> <div>2E c.LP</div> <div>2E LP</div> <div>3E LP</div> <div>4E LP</div> <div>0E LP</div> <div>3E c.LP</div> <div>4E LP</div> <div>4E LP</div> <div>5E LP</div> <div>6E LP</div> <div>8E LP</div> <div>6E LP</div> <div>10E LP</div> <div>0E LP</div> <div>4E c.LP</div> <div>6E LP</div> <div>8E LP</div> <div>2E 45° LP</div> <div>7E 45° LP</div> <div>7E SP</div> <div>8E SP</div> <div>40 r.30°</div> <div>40 r.45°</div> <div>40 r.60°</div> <div>40 r.90°</div> <div>2E LP</div> <div>2E LP</div> <div>2E LP</div> <div>2E LP</div> <div>0E SP</div> <div>2E c.SP</div> <div>3E SP</div> <div>4E SP</div> <div>6E SP</div> </div> </div> </div>			
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50	<div> <div>E4</div> <div> <div>L</div> <div>S</div> </div> </div>			
60	<div> <div>60×60</div> <div> <div>E4</div> <div> <div>L</div> <div>S</div> </div> <div> <div>2E LP</div> <div>4E LP</div> <div>2E c.SP</div> <div>2E SP</div> <div>4E SP</div> </div> </div> </div>			

plain

plain



without grooves

grooves

grooves


















with grooves

16	20	30	40	45	50	60	Profile group
H F E							Slot type
plain							plain




















L	light
S	heavy
P	plain
B	type B

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






30

F		30×30				30×50	30×60	60×60	
L									
		2F.E.L	2F.L	3F.L	4F.L	4F.L	6F.L	8F.L	
S									
		2F.s.S	2F.c.S	2F.c.SB	3F.S	4F.S	4F.S	6F.S	8F.a.S



















40

E3	40×40	40×80	40×120	80×80	80×160						
L	 2Es.L	 2Ec.L	 2EL	 3EL	 4EL	 4EL	 6EL	 8EL	 8EL	 8ELB	 12EL
S	 2Ec.S	 3ES	 4ES	 6ES	 8ES	 8ES	 8ESa.S	 12ES			

45

E4		45×45	45×60	45×90
L				
		4E L	4E L	6E L
S				
		4E S		6E S

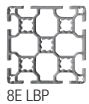
50

E4		50×50				50×100		50×150	100×100	
L										
		2Ec.L	2EL	3EL	4EL	6EL	8EL		8EL	
S										
		2Es.S	2Ec.S	3ES	4ES	6ES	8ES	8ES	8ES	8ES

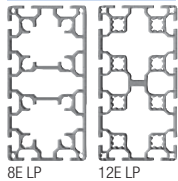
60

E4		60×60	60×90
L		4E L	6E L
S		4E S	6E S

80×80 80×120 80×160 120×120

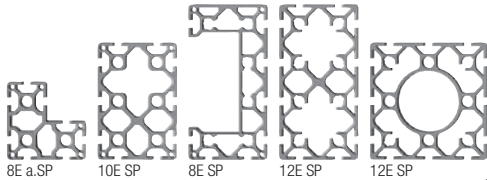


8E LBP



8E LP

12E LP



8E a.SP

10E SP

8E SP


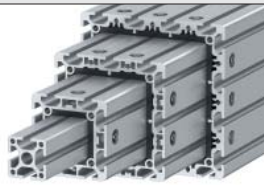













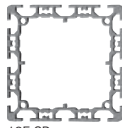
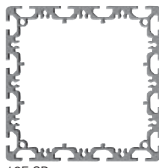





12E SP

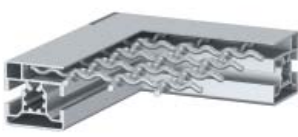

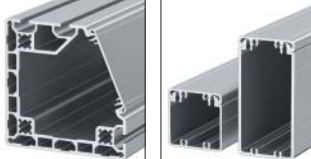















12E SP

100×200



12E SP

Profiles octagonal		Telescopic profiles		Panel bazel profiles		Panel profiles		
								
<div> "The Telescopic System"</div>								
F	30 octag.				30x60	30x30	30x50	
	L				 3F 45° LP	 0F LP	 2F c.LP 4	
	S	 8F SP				 3F LP 4	 3F LP 4	
E3	40 octag.	40x40	80x80	120x120	160x160	40x40	40x60	
	L						 2E c.LP 4	 3ELP 4
	S	 8E SP	 8E SBP	 12E SP	 16E SP	 2E 45° SP	 3ELP 4	 5E LP 4
E4						50x50		
	L					 2E c.LP 4	 3ELP 4	

Wire net profiles		Modular wall system profiles		E-trunking profiles		Tube profiles	
							
							
F	30×30	30×45					
	 2F LP 7.5		 2F LP 7.5				
L							
S							
E3	40×40	40×60					
	 2E LP 7.5		 2E 1F LP 7.5				
L							
S							
E4	45×45						
	Compression profile 47.5×5 45×5 50×5  2E c.LP  4E LP  1E LP  4E LP						
L							
E4	57×57	60×57	60×117	120×120			
	Compression profile 57×4 60×4 60×4 with chamfer 61×4  2F c.LP  1F LP  4F LP  6F LP  4F a.LP						
L							

Profiles round



48 round



1E SP

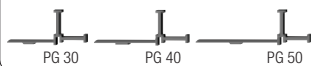


2E c.SP



2E SP

19" profiles



PG 30

PG 40

PG 50

Tubes

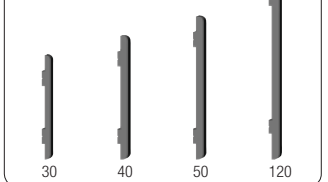
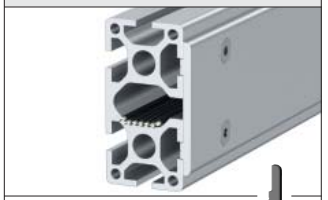


Ø20x2

Ø30x3

Ø40x4

Profile pre-cut lids



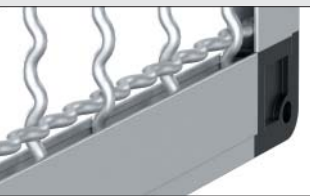
30

40

50

120

Wire net mounting profiles

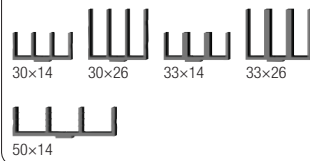


33x10

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

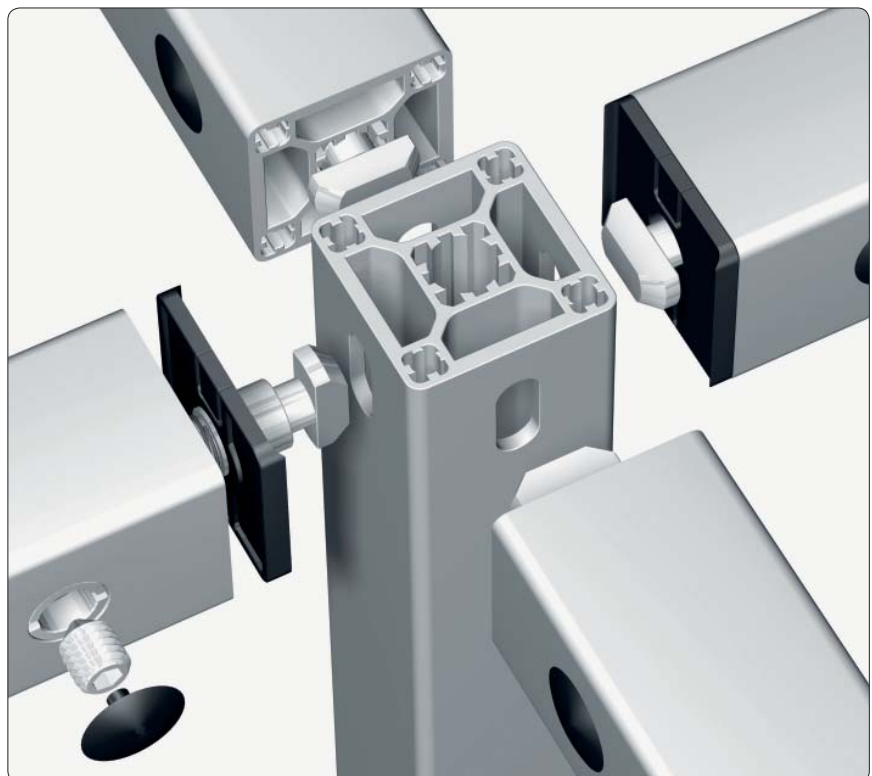
- Clean-room technology
- Electrical engineering
- Medical technology
- Food industry
- Optical industry
- Pharmaceutical technology

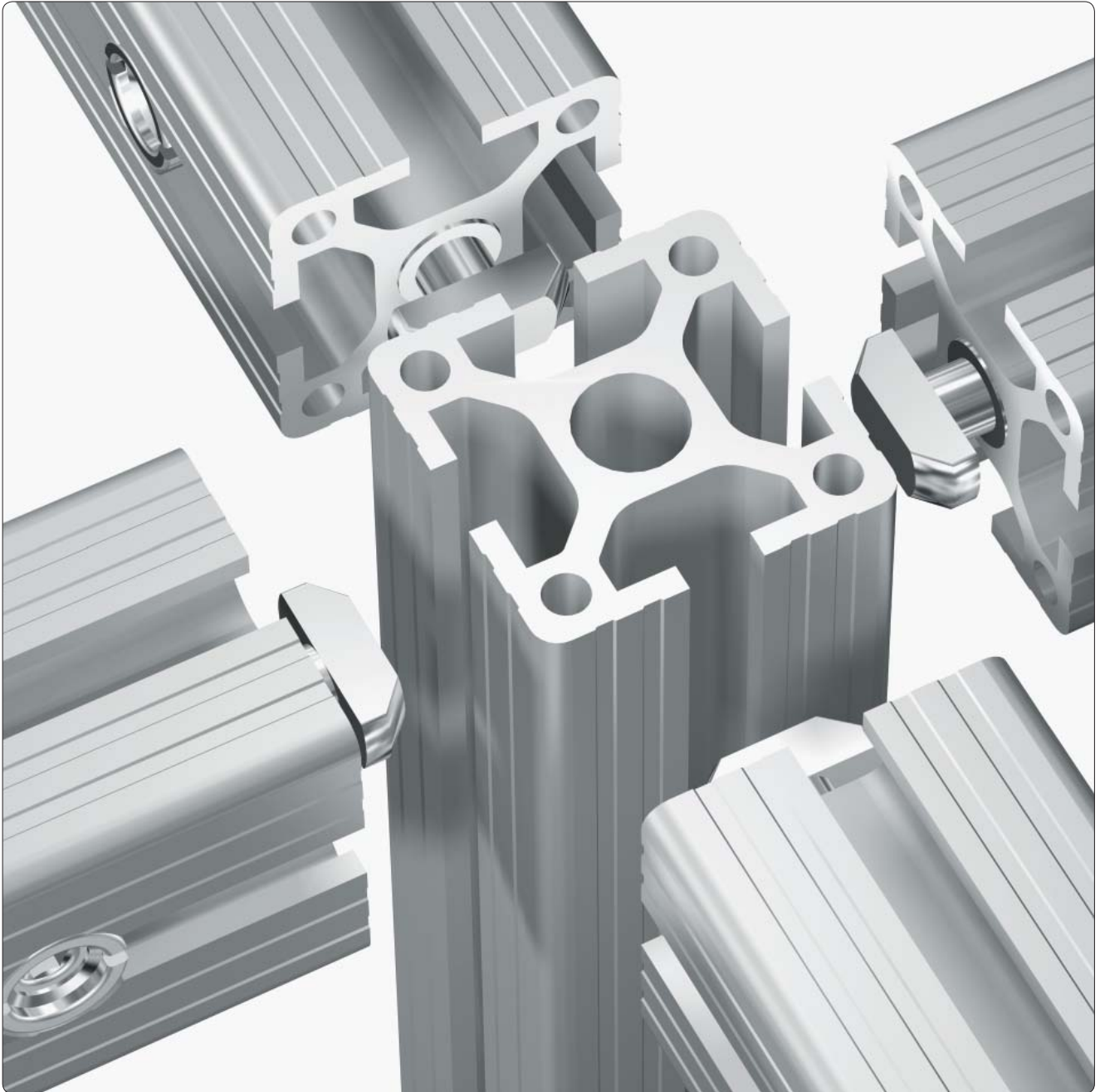
MayTec increases its range with new components to enhance the use of the Profile System in application areas where high sterility standards apply.

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:

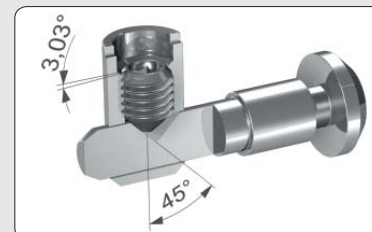
- easy machining
- quick assembly
- limitless (dis)assemblies

The connection system is:

- complete
- stable
- functional

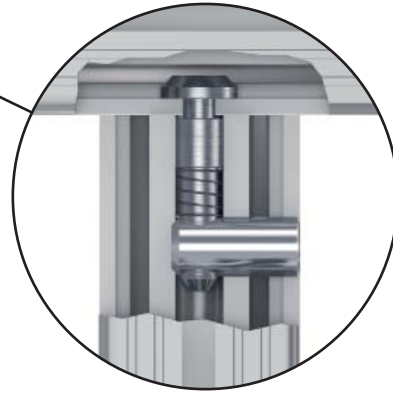
Vibration proof

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





Stability S-Class



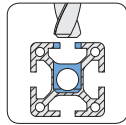
**MayTec
Universal-Connector**

18,000 N
working load

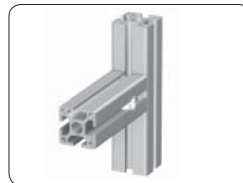
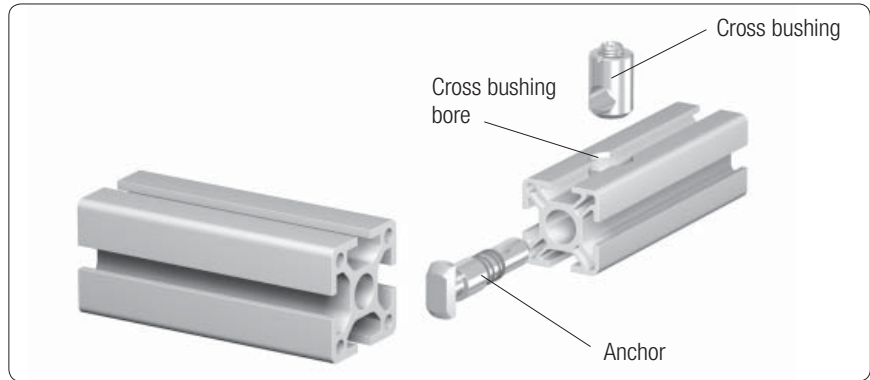
**Vibration
proof**

The MayTec Connector System

- mounting of connector in core hole
- with machining



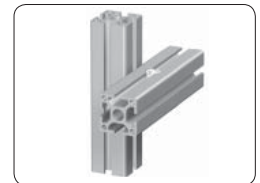
Cross
bushing bore



Standard



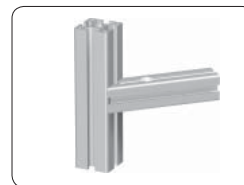
Screw-type



Parallel



Oblique



Oblique-cross



Extension / Parallel



Miter

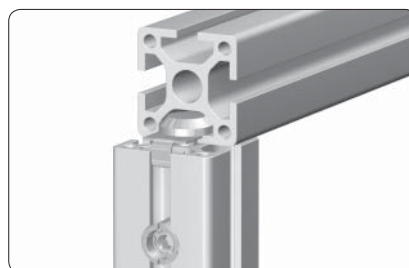


Shifter



Extension

Anti-twist devices



with retaining plate



with T-Nut

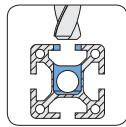
Clamping lever for connectors



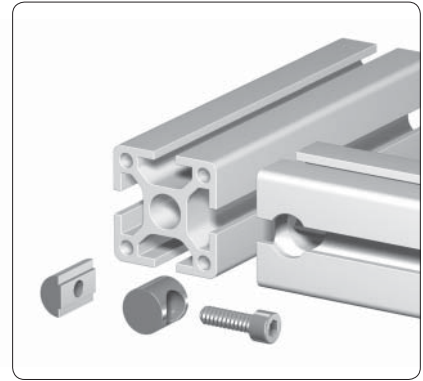
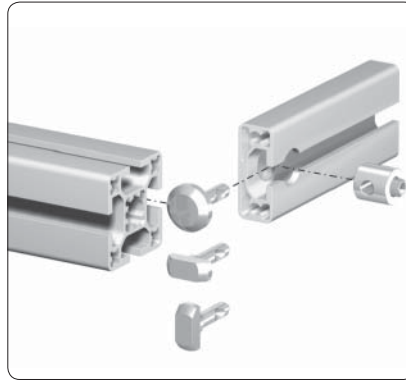
Clamping lever

The MayTec Connector System

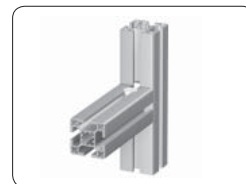
- mounting of connector in slot
- with machining



Cross
bushing bore



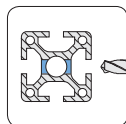
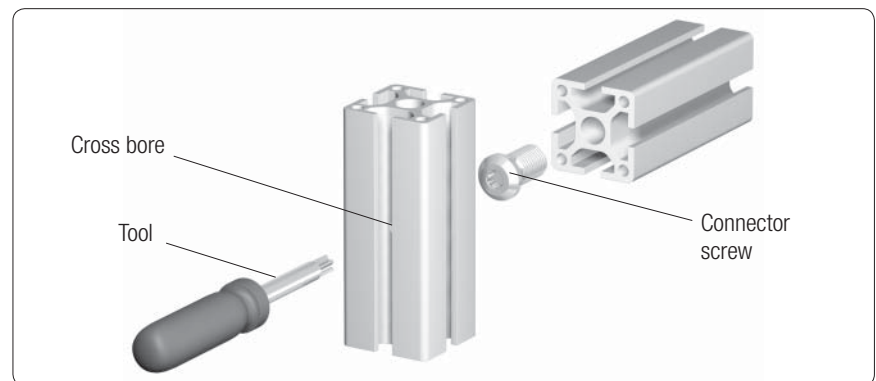
SE-Connector



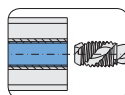
ST-Connector

Screw-type connections

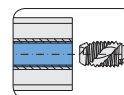
- with machining



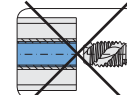
Cross bore



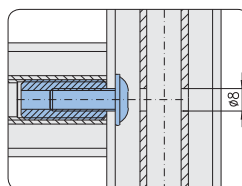
Thread



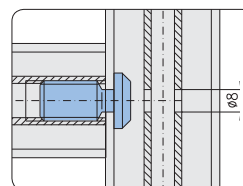
Thread



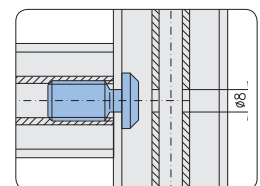
Thread



Threaded insert with lens
head screw



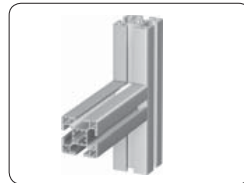
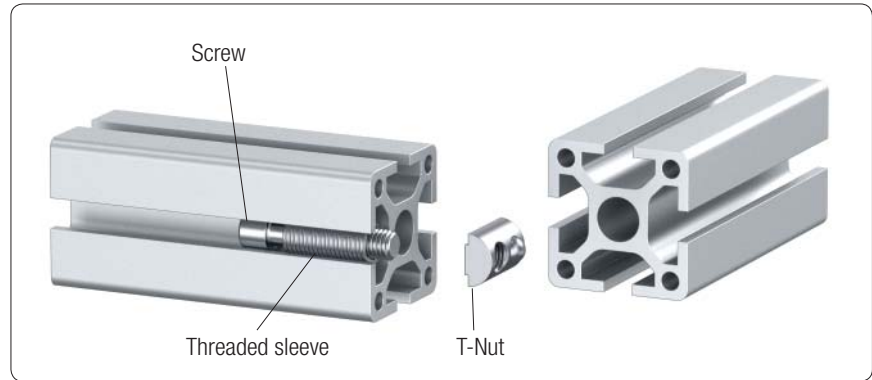
Connector screw



Connector screw,
self-cutting

Insertion connections

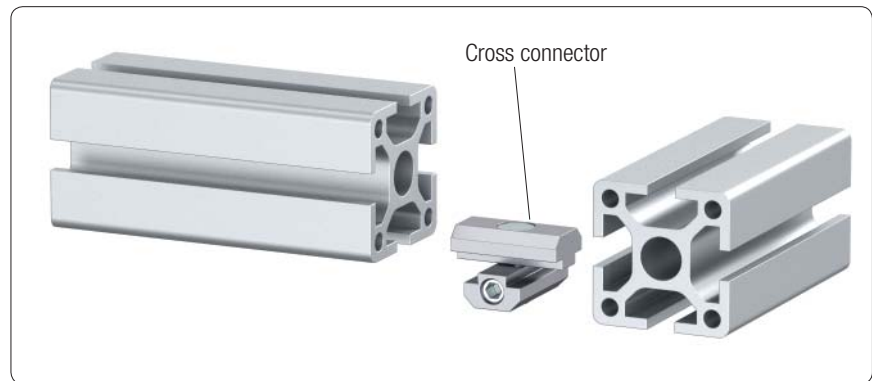
- without machining



Insertion connector

Cross connections

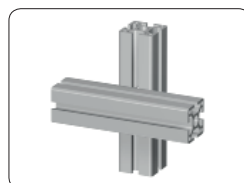
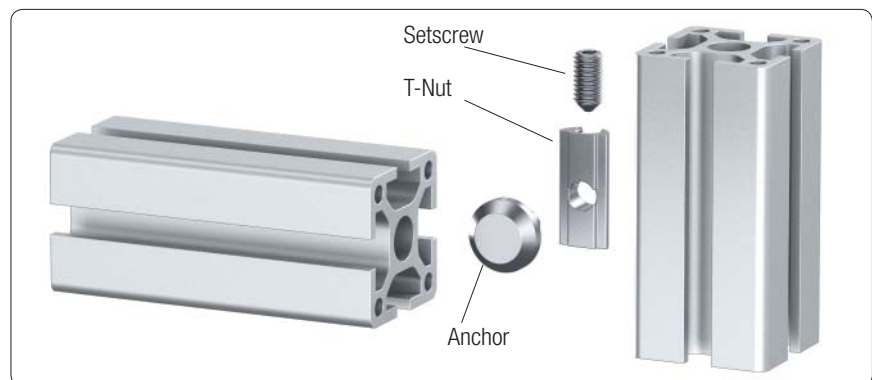
- without machining



Cross connector

Parallel connections

- without machining

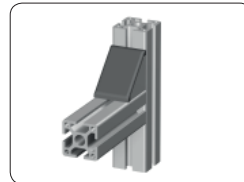


Parallel connector

Angle connections
• without machining

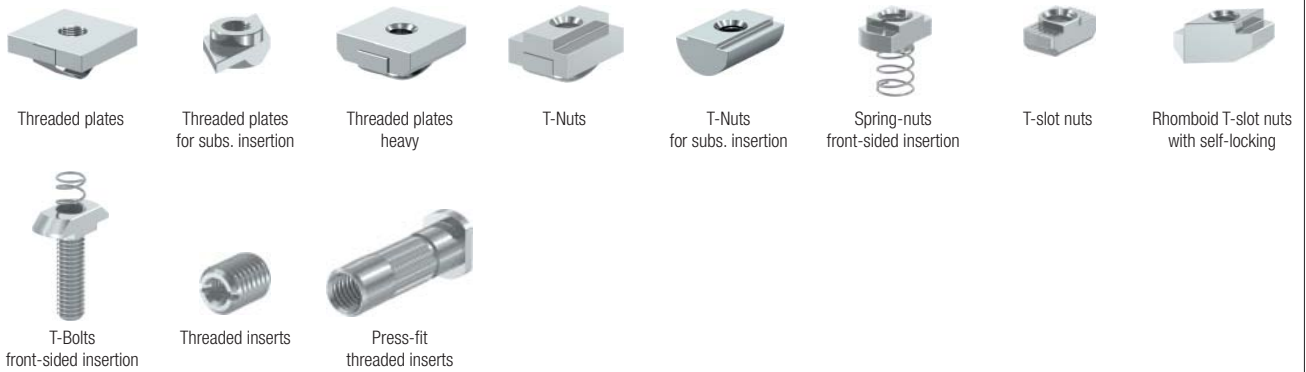


Angle PA

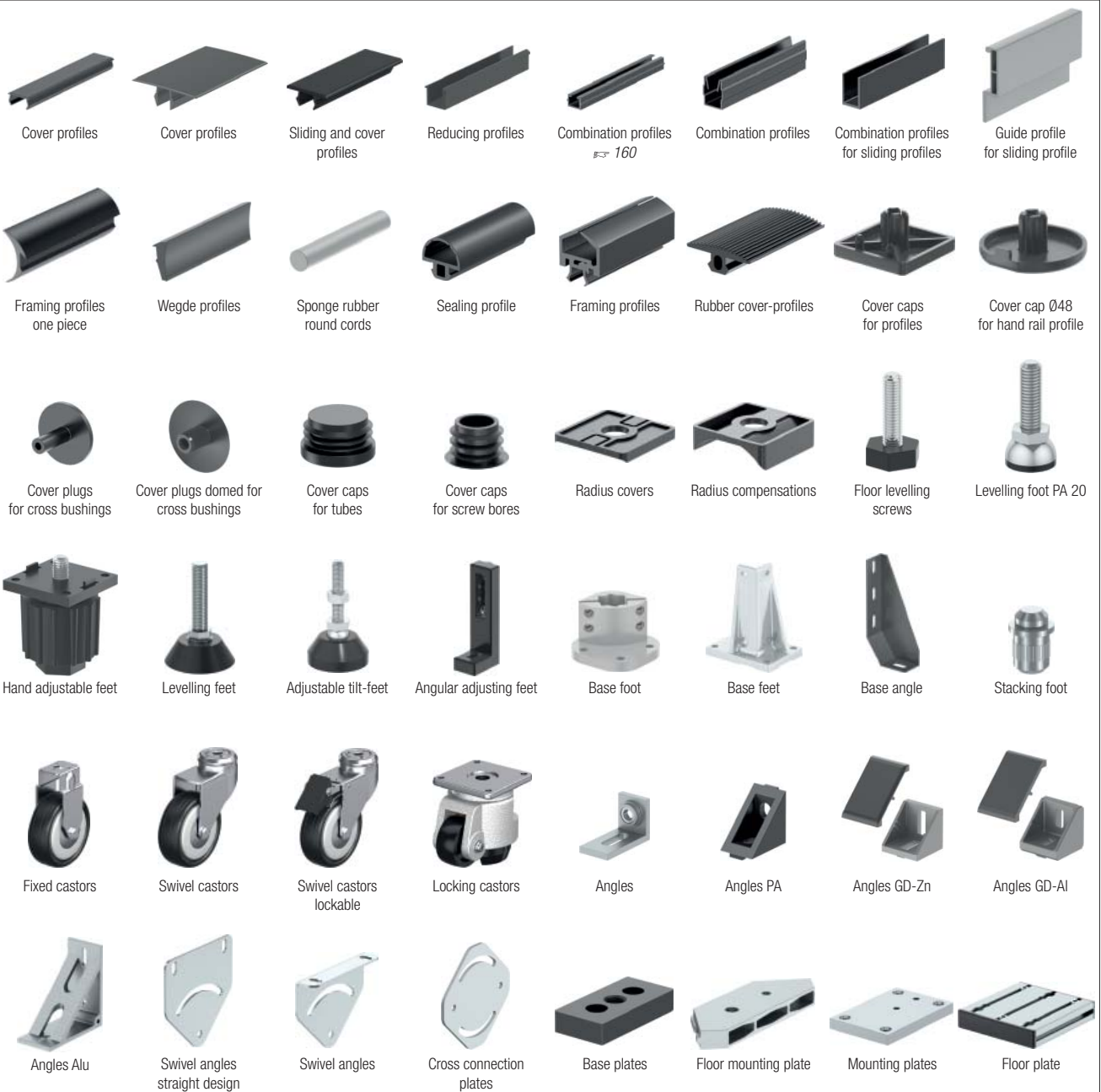


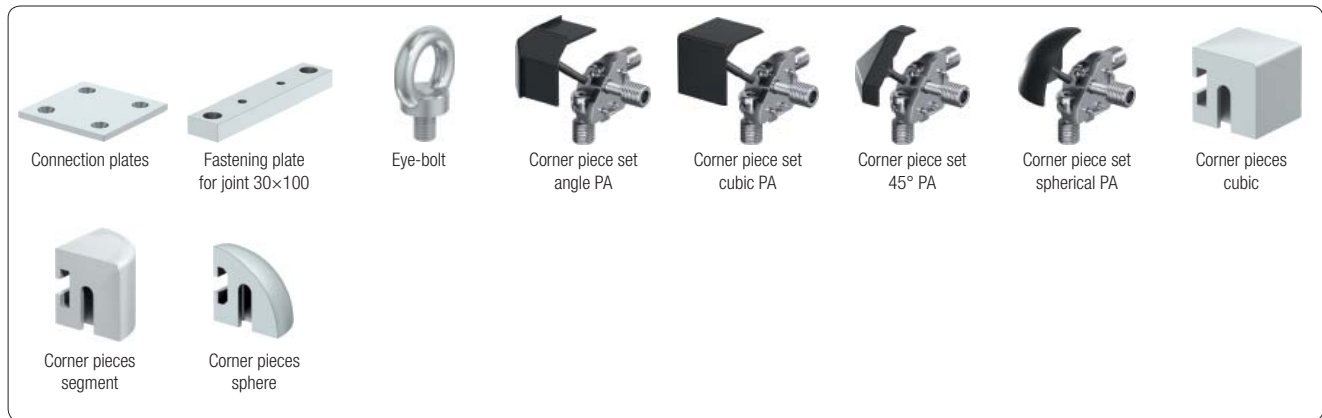
Angle GD-Zn, GD-Al

1.3 Fastening elements



1.4 Installation accessories



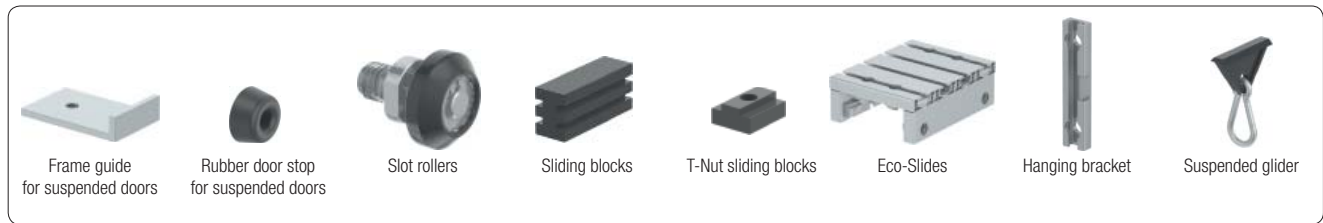


1.5 Pneumatic accessories

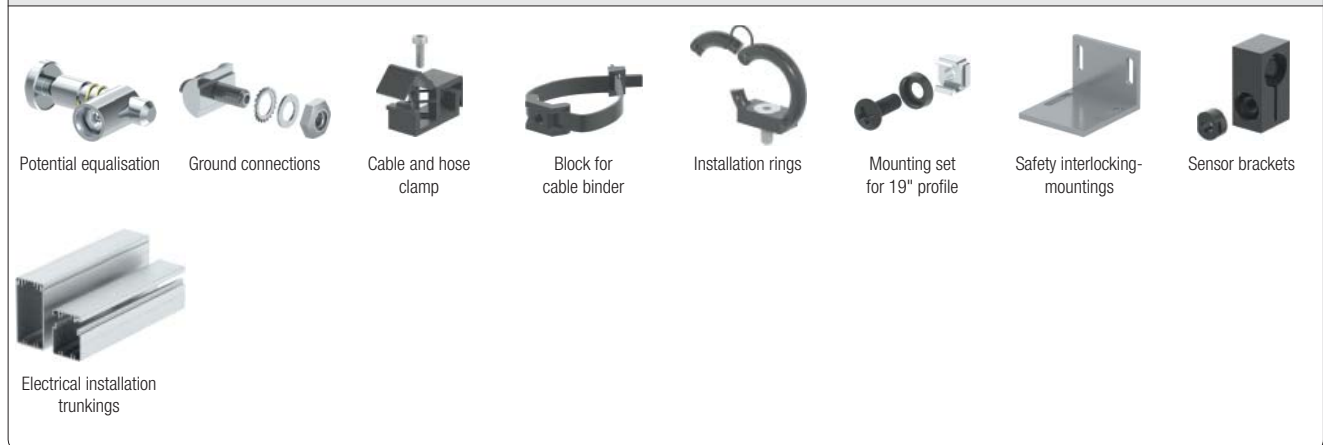


1.6 Additional accessories

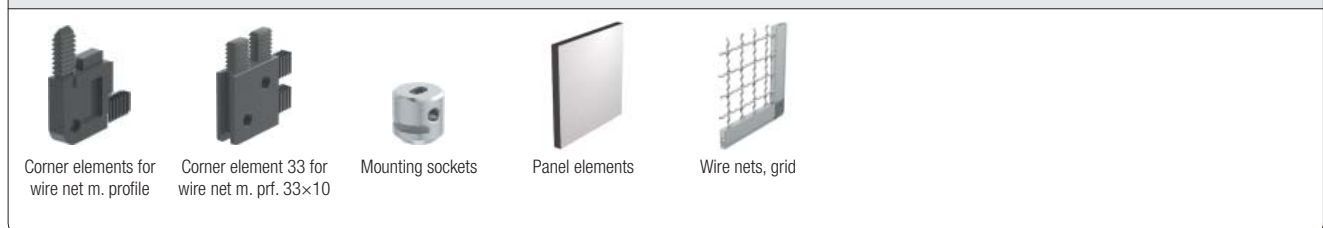




1.7 Electrical accessories

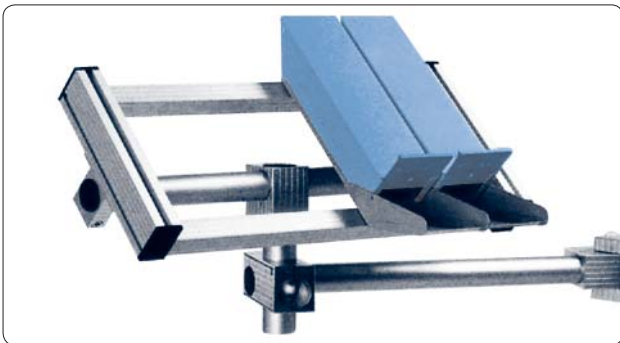


1.8 Panel elements

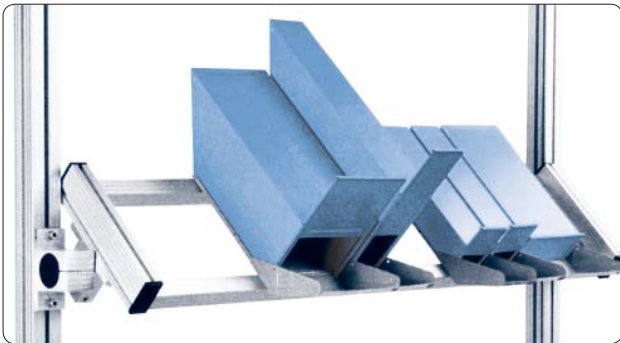


1.9 Tools





Adjustable picking bins with slide mechanism

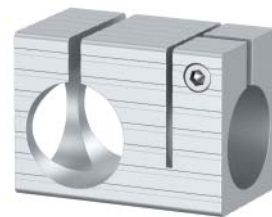


Adjustable picking bins with tilt mechanism



Tilt and lock mounting frame for 19" equipment

Clamping elements



T-clamping elements



Cross clamping elements



Vertical clamping elements



Horizontal clamping elements



The MayTec Linear System

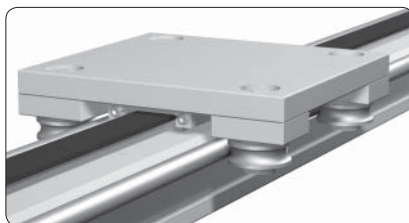
MayTec offers a wide range of accessories to expand and simplify the integration of linear guidance technology with profile technology. The integration of various linear guidance hardware is also possible due to the modular concept of the system.

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.

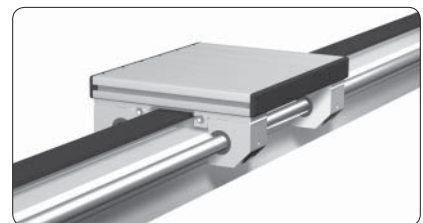
- suitable for rough or dirty applications
- high force tolerance with low wear
- high accuracy with low friction
- long life expectancy



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.

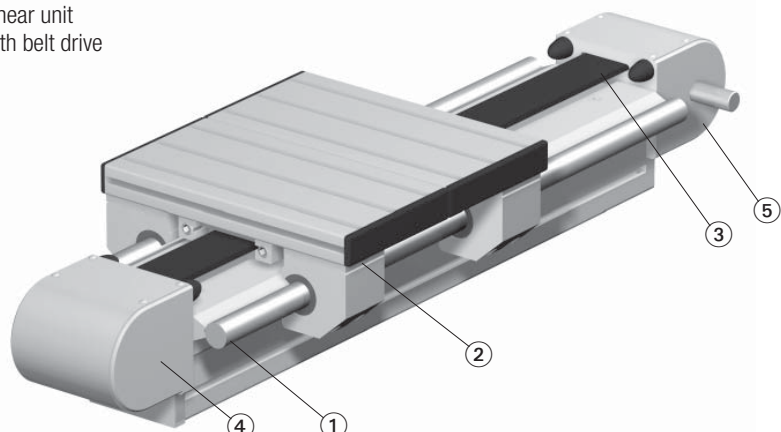
- compact form
- low resistance
- high stability
- high accuracy
- quiet rolling noise level



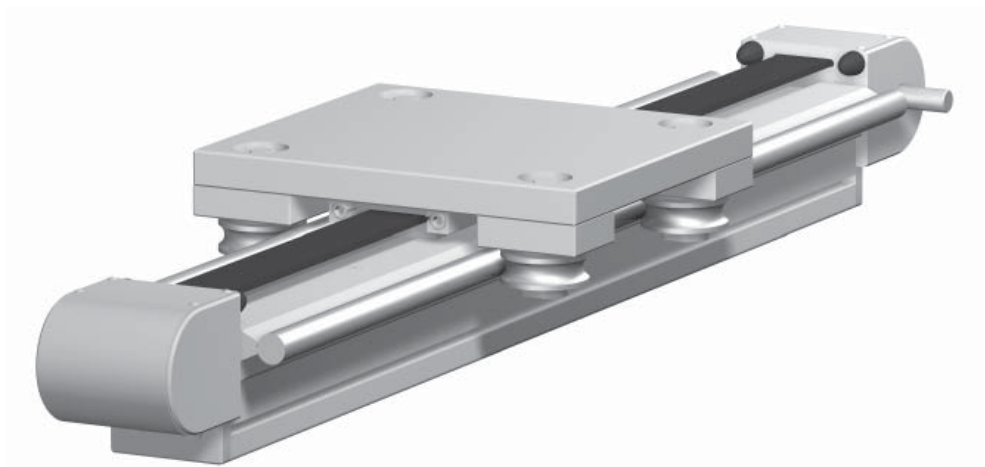
Component groups of linear units

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

Linear unit with belt drive



Linear unit complete

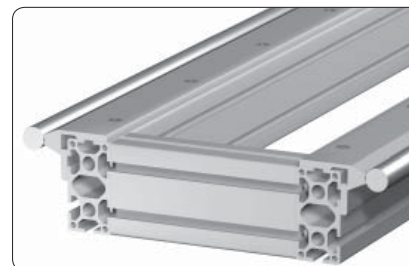
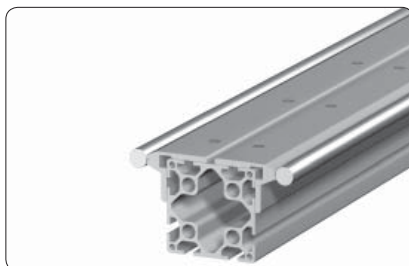


Linear shaft guidance

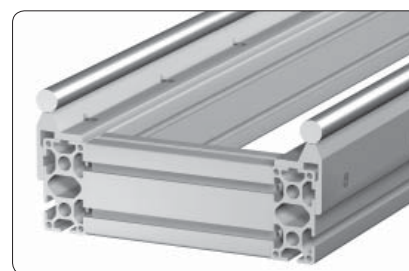
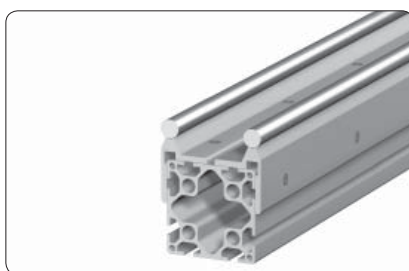
Single profile design

Frame design

horizontal



vertical



shaft-Ø

12 mm

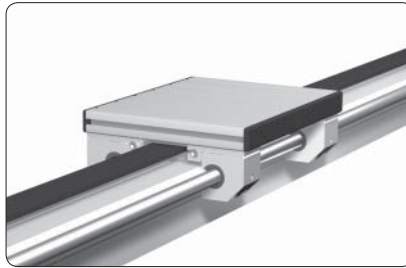
16 mm

20 mm

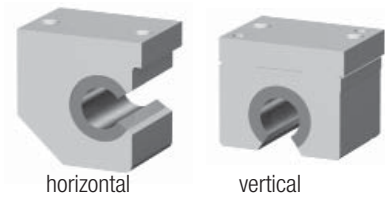
25 mm

Carriage unit

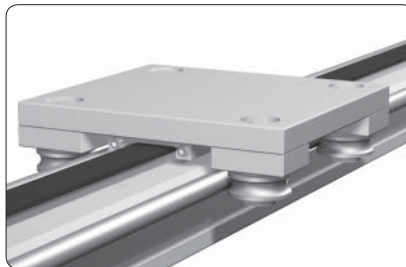
Encased guide block



Sliding guide block / ball bearing guide



Exposed roller guide



Roller

fixed



Eccentric



adjustable topside



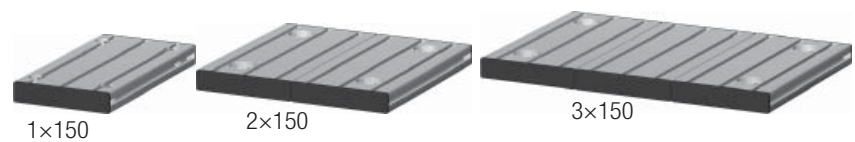
adjustable underside

Carriage plates

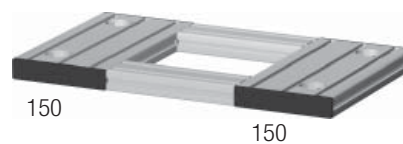
Alu plate



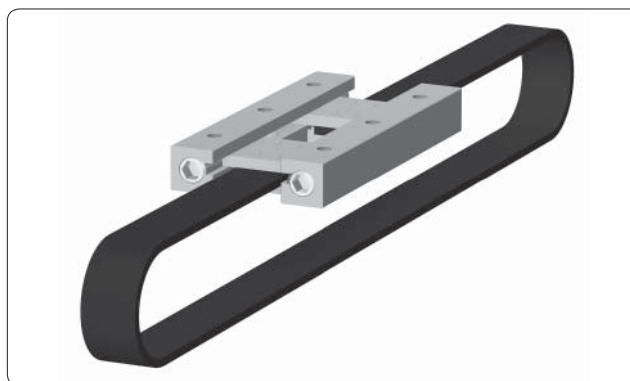
Profile plate



Profile frame



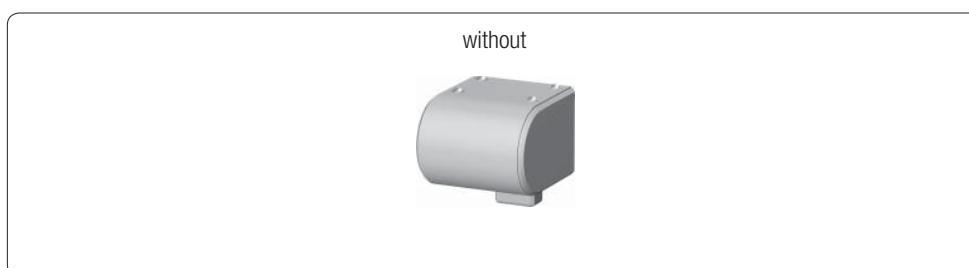
Drive unit



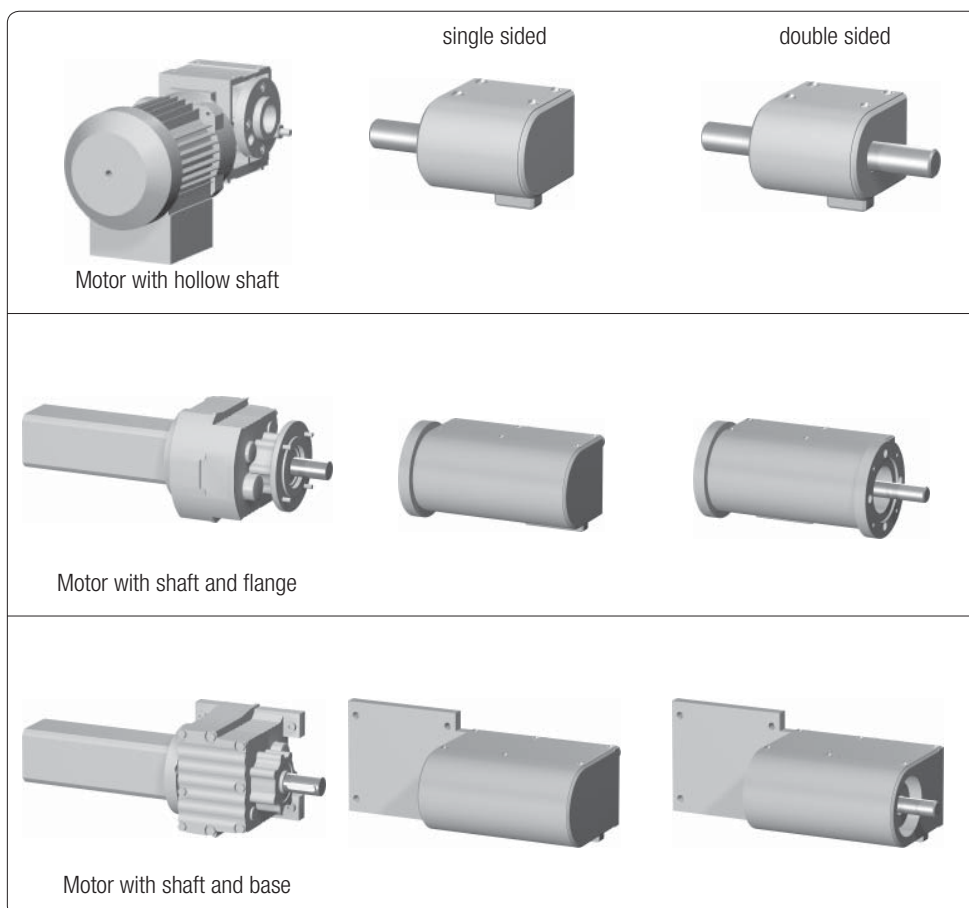
Toothed belt		
Type:	5M	8M
width:	15	20
	25	30
		50

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.

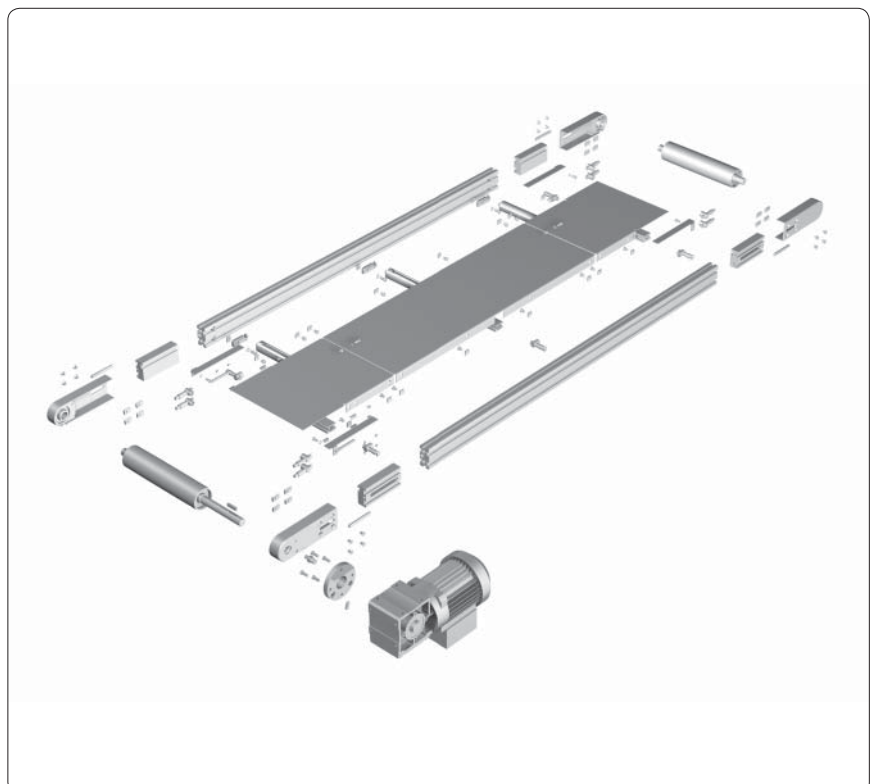
For self assembly, individual components and assemblies can be delivered along with parts lists and assembly instructions as required.



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

The Components

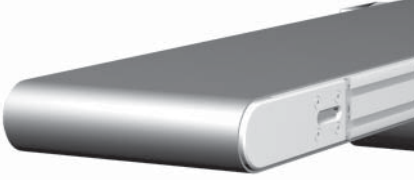
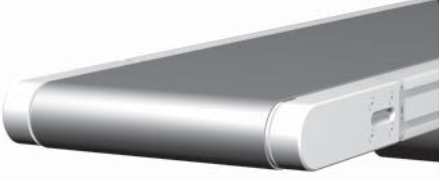
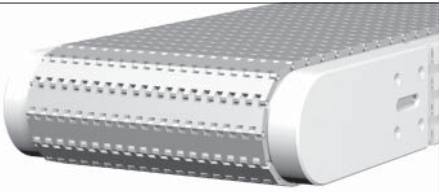
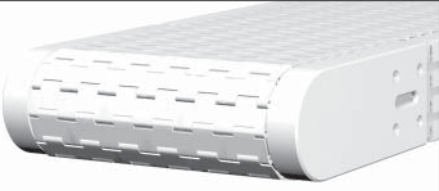
1. Product type:	<ul style="list-style-type: none"> • Complete conveyor • Components for self assembly
2. Designs:	MayTec Conveyor Protection Class: <ul style="list-style-type: none"> • M-SK1 • M-SK2 • M-SK3
3. Belt path:	<ul style="list-style-type: none"> • Belt running to outside edge • Belt running 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 path	
outside 	inside 

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

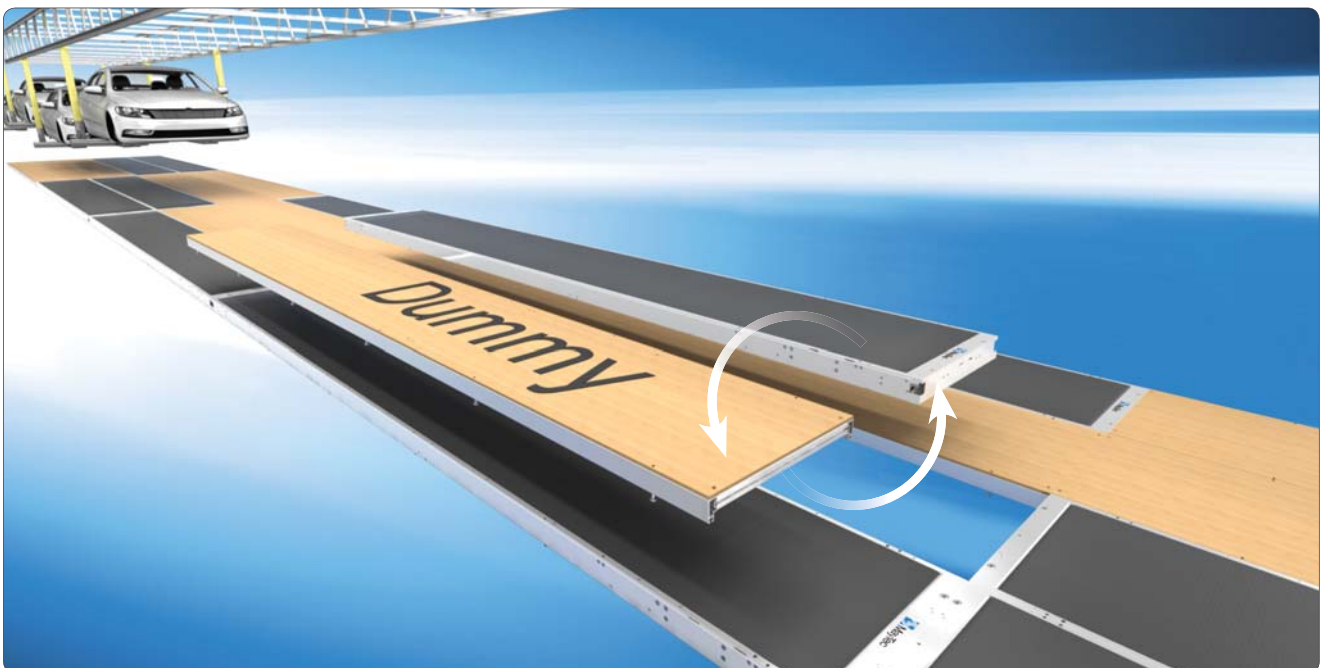
- aluminium base frame
- min. 120 mm total height
- belt options available
- internal drive
- belt speed: 0 - 10 m/min
- optional
 - fire safety specification: B1 compliant version
 - electrostatic discharge: ESD compliant version

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



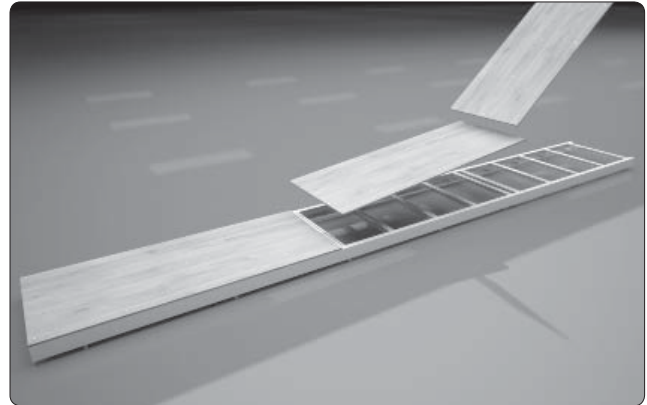
in combination with skid tracks



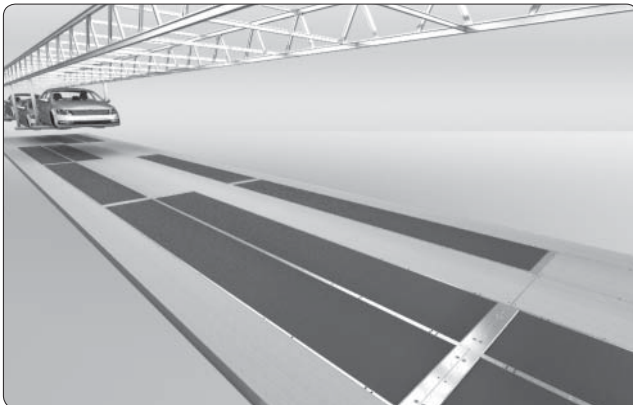
in combination with floor conveyors



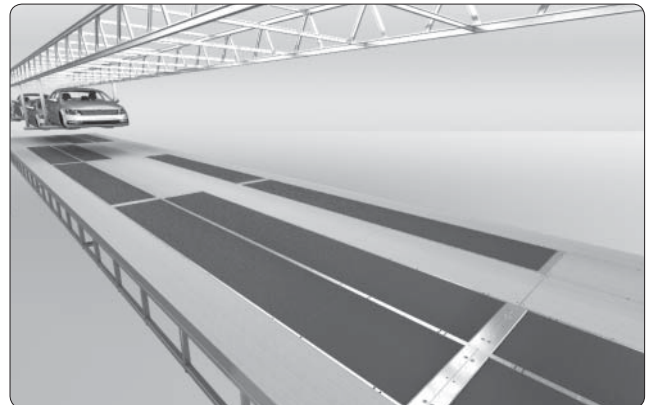
platform system



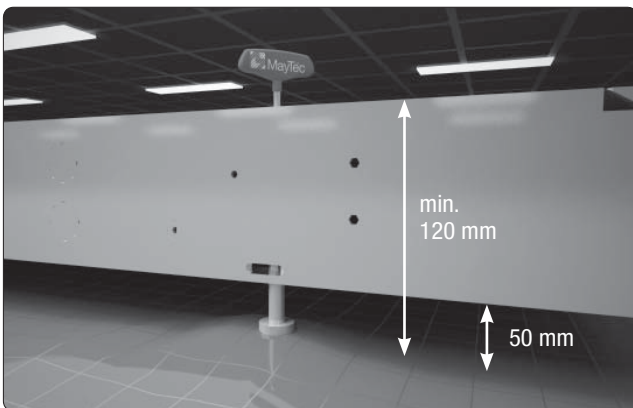
MayTec baseframe with floor panels



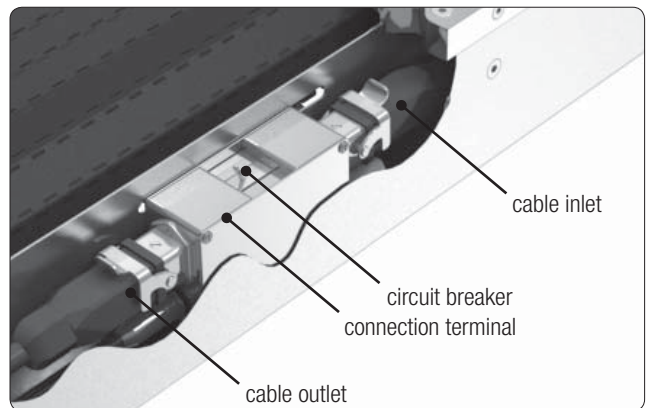
conveyor setup with platform



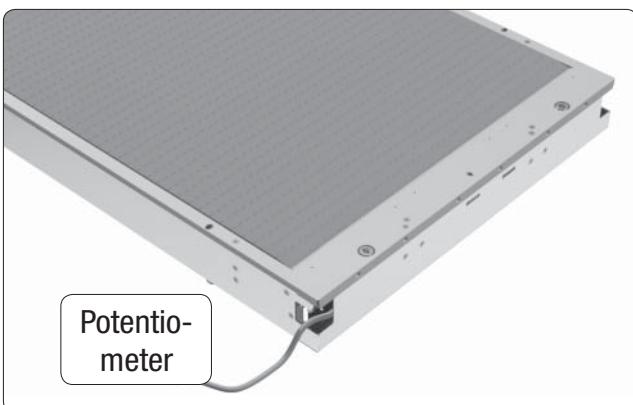
conveyor setup with height adjustable platform



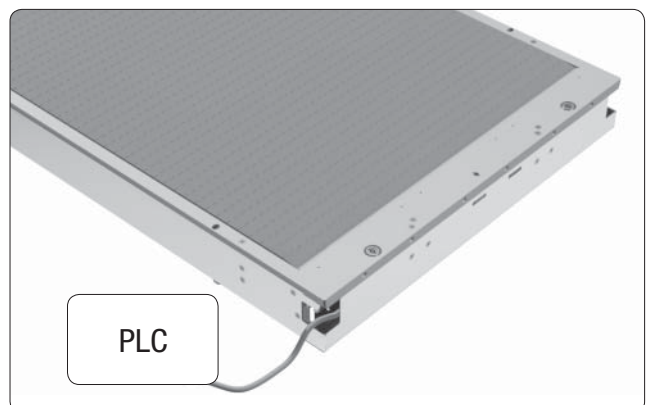
height adjustment for conveyor and platform



connection terminal with circuit breaker



speed adjustment by potentiometer



external speed adjustment



The MayTec Skid Transfer System

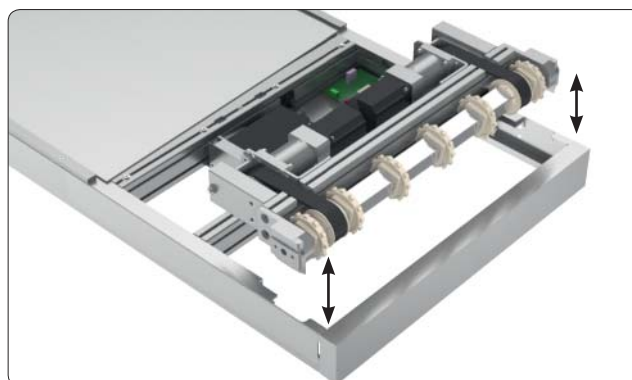
Overview

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



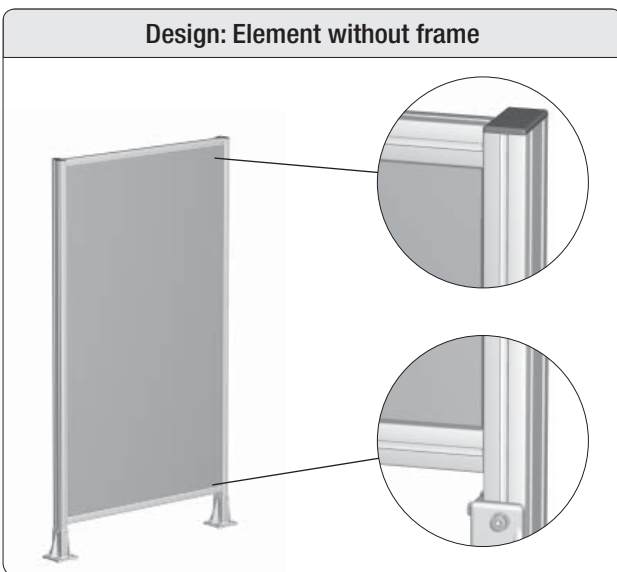
Continuous operation



Tandem drive

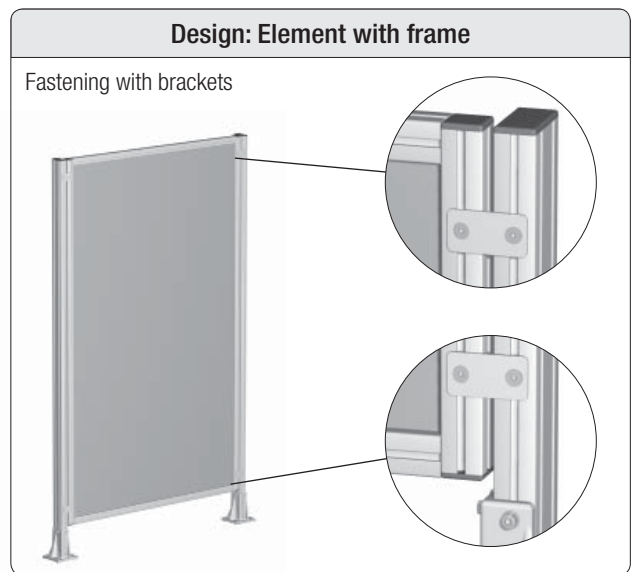


Design: Element without frame



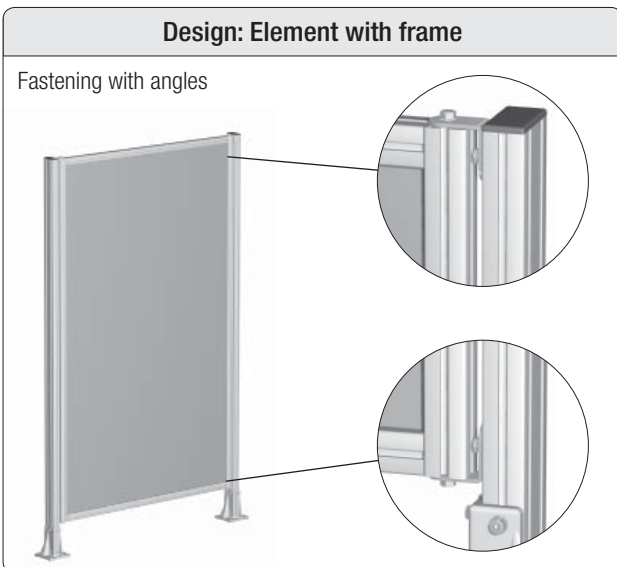
Design: Element with frame

Fastening with brackets



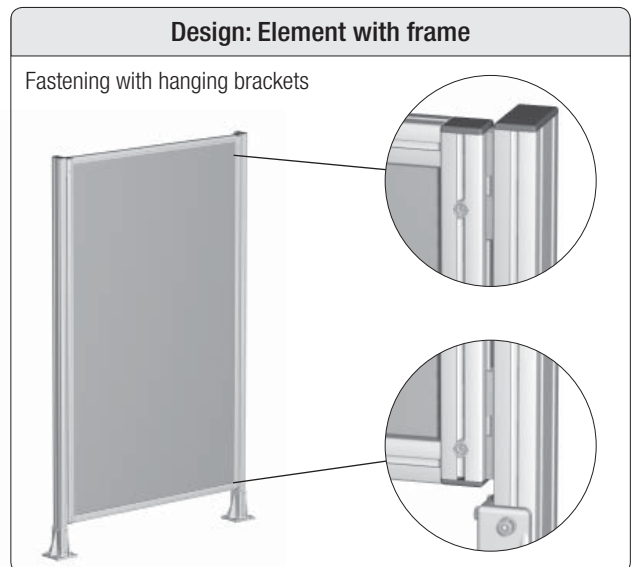
Design: Element with frame


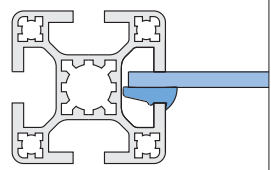
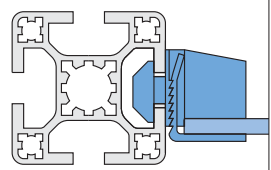
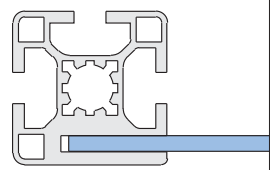

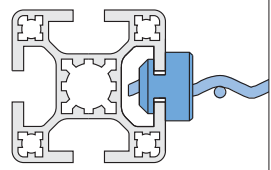
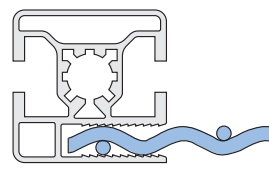
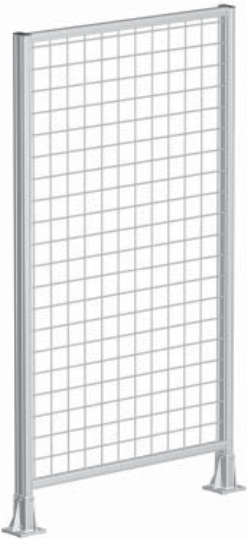
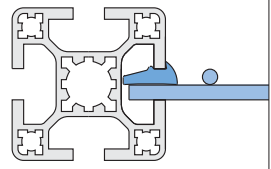
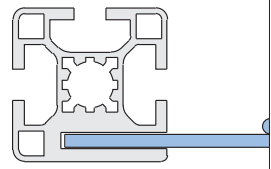
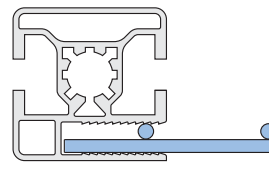
Fastening with angles



Design: Element with frame

Fastening with hanging brackets



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

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	•							•	•	•	•					
				•							•					•	•	
		3×25×25 mm	•					•			•	•	•	•				
				•												•	•	
Welded wire net (steel)	4×40×40 mm	•					•			•	•	•	•					
			•												•	•		
	3×25×25 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	hanhing bracket	angle
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	•					•			•	•	•	•				•	•	•
				•				•					•	•			•	•	•	
					•											•	•	•	•	•



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:

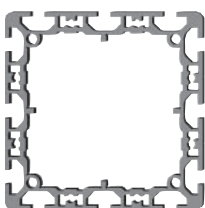
- high flexibility
- high load bearing capability and durability using low weight sections
- modular with simple construction
- compatible with the Maytec Profile system
- uses standard Maytec slots for the mounting of accessories and control elements
- maintenance free and corrosion resistant



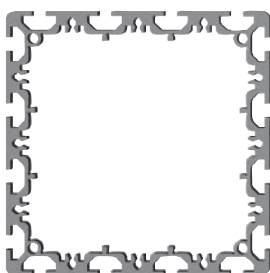
40×40



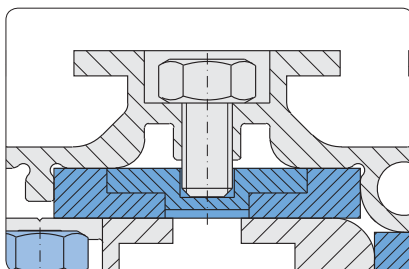
80×80, 8E SP



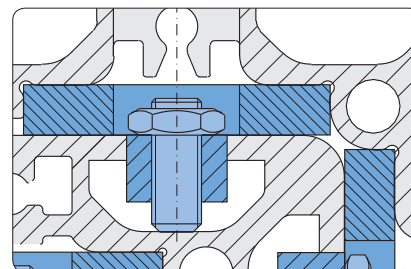
120×120, 12E SP



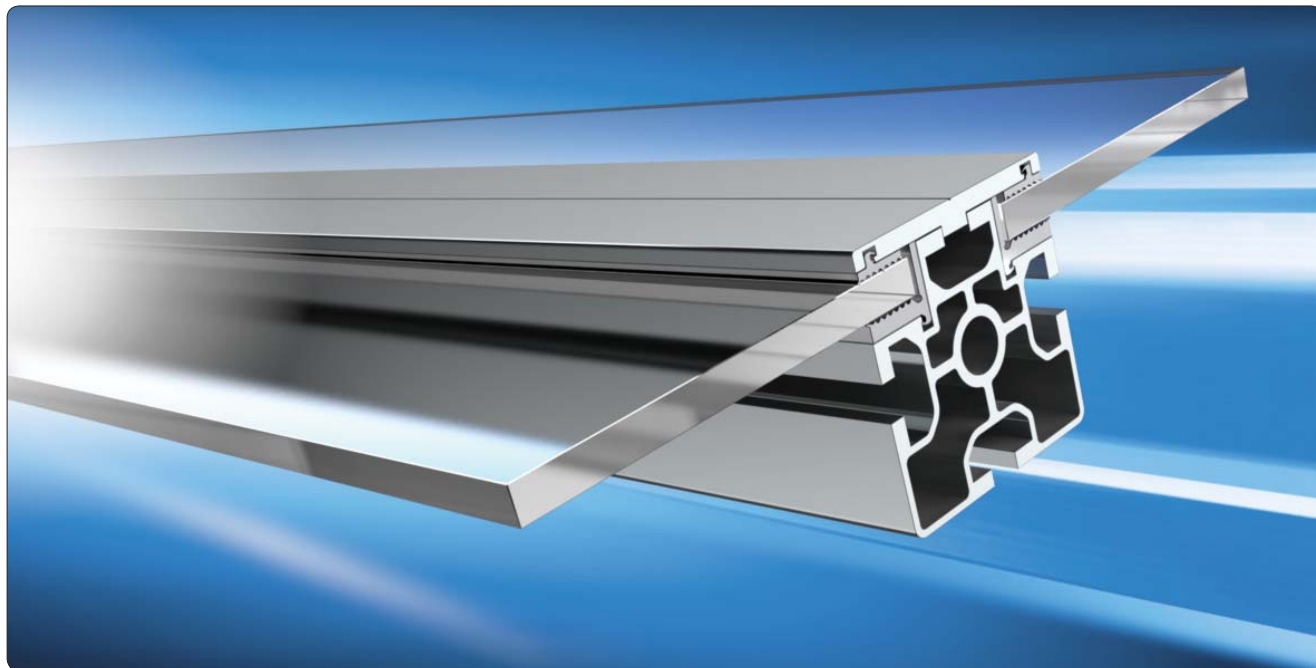
160×160, 16E SP



Sliding block fixed



Sliding block following-on

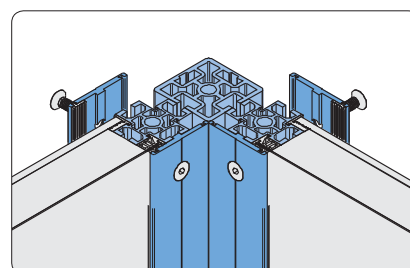
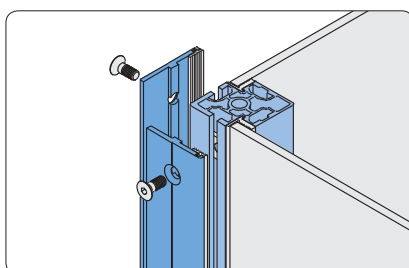
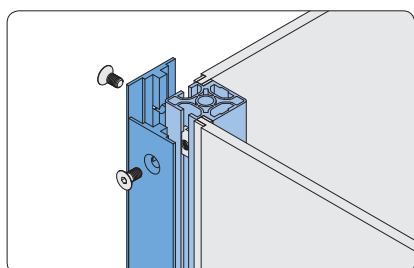
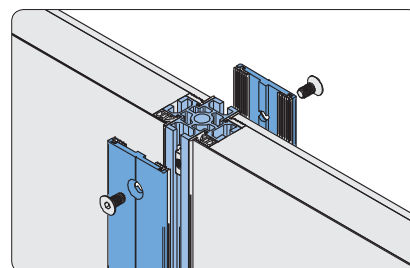
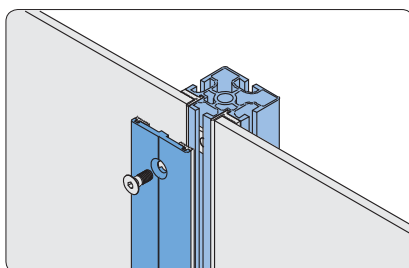
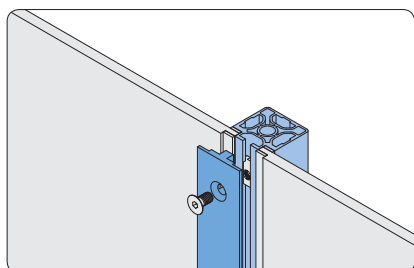


Single sided System

Double sided System

Profiles 45

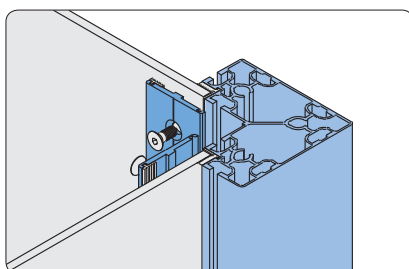
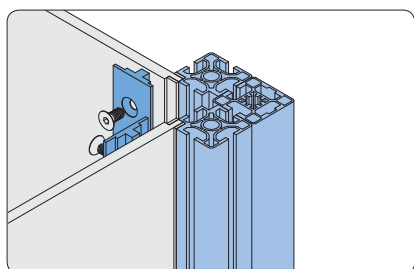
Profiles 60



External corner

External corner

Internal corner, external corner



Internal corner

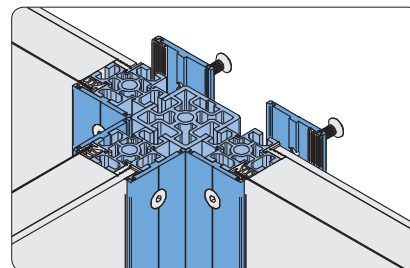
Internal corner

Single sided System

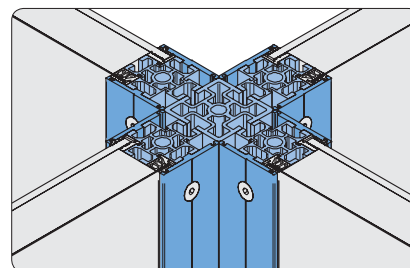
Double sided System

Profiles 45

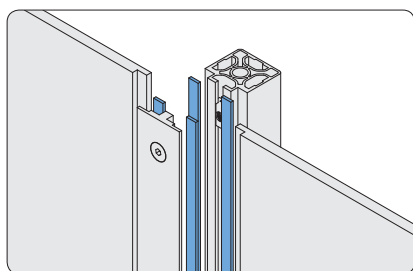
Profiles 60



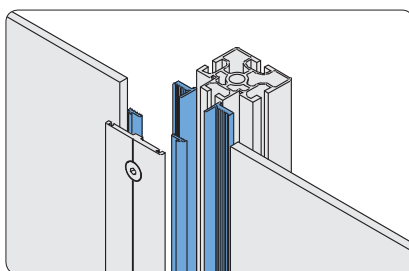
T-connection



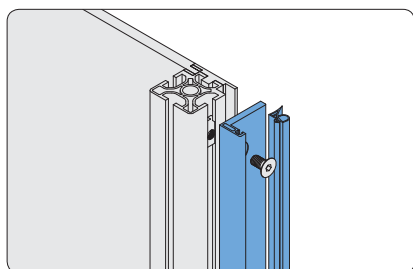
Cross connection



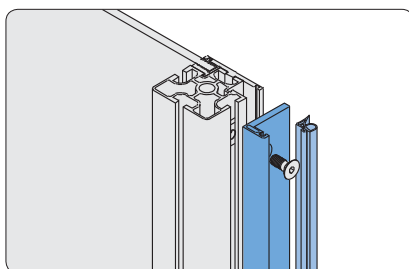
Intermediate element



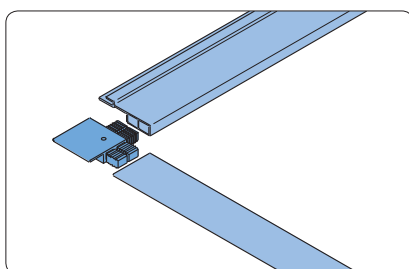
Intermediate element



Door stop profile with door seal



Door stop profile with door seal



Ceiling frame profile with corner piece 40×10



The MayTec Dust Protection System for automotive paint shops

Advantages in the paintwork process:

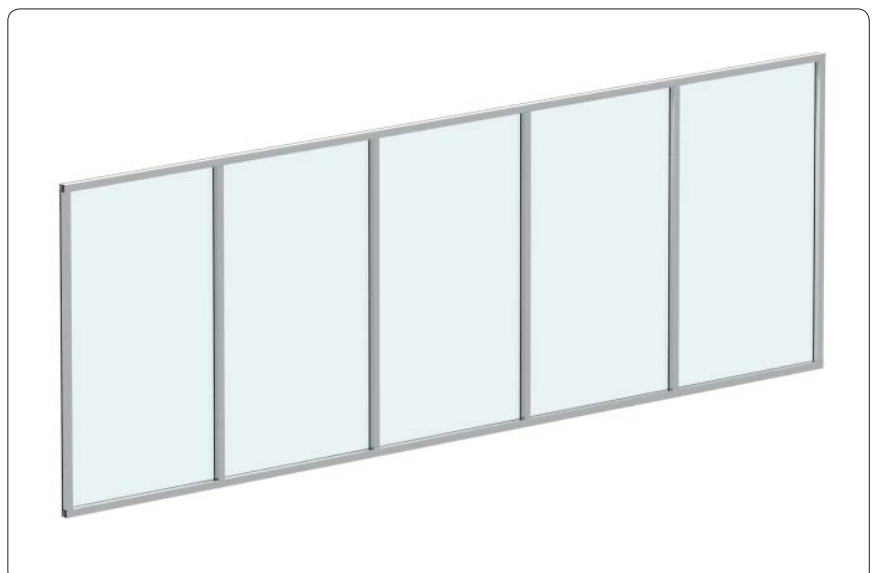
Improvement of the air quality to class F9

Therefore:

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

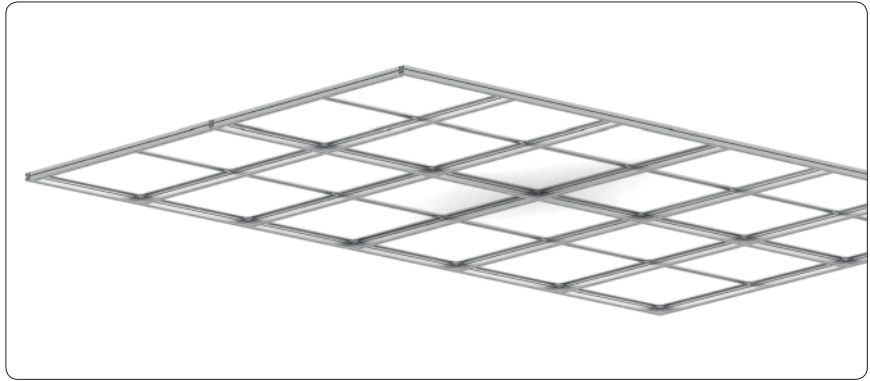
Wall element

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

Technical data				ESD	Standard									
Pipe outside-Ø:	28 mm													
Length of pipe:	4 m													
		wall thickness in mm	without coating	black	black	white	ivory	dark grey	light grey	dark blue	light blue	green	red	yellow
Steel, ABS coated		0.7												
		1.0												
		2.0												
		1.0												
			1.0											
	Stainless steel pipe 		0.7											
1.2														
Aluminium	Aluminium pipe 	2.0												
		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

Sliding joints



90° sliding joint

Slide pipe joints



Slide pipe joint



Double standard joint



Extension for stainless steel pipes



Parallel sliding joint



Slide pipe joint with stop



Double sided parallel sliding joint



Slide pipe joint union

Joint bracing



Corner support

Flat pipe joints



Flat pipe joint



Slide pipe joint with offset















Corner support type B



Slide pipe bridge



Slide pipe bridge, rounded

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



Patent pending

Pipe -> Pipe 	Pipe -> Pipe profile 	 B + A	 D R
Pipe -> Pipe 		 B + A	 D R
Pipe -> Profile 		 B + A	 D
Pipe -> Panel element 		 B + A	 D

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

Material trolley, stainless steel



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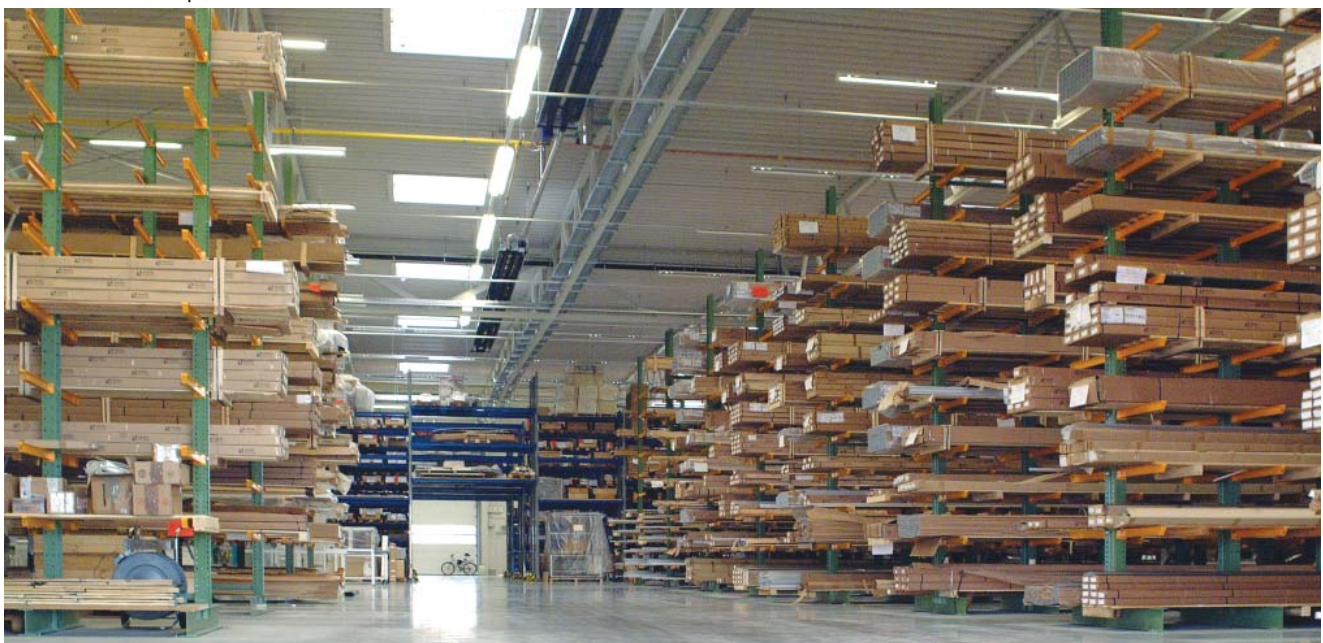
MayTec GmbH plant in Olching



Small parts
storage



Stock of aluminium profiles



The key ...

to success

extremely strong

efficient

functional

Australia

MayTec Australia P/L

Unit 8, 175 James Ruse Drive
Rosehill, NSW 2142

country code: +61
phone (0)2/9898 9929
fax (0)2/9638 4086
e-mail: info@maytec.com.au
<http://www.maytec.com.au>

Germany

MayTec Aluminium
Systemtechnik GmbH
Kopernikusstraße 20
D-85221 Dachau

country code: +49
phone (0)8131/3336-0
fax (0)8131/3336-119
e-mail: mail@maytec.de
<http://www.maytec.de>

USA

MayTec Inc.

901 Wesemann Drive
West Dundee, IL 60118

country code: +1
phone 847-429-0321
fax 847-429-0460
e-mail: mail@maytecinc.com
<http://www.maytecinc.com>

MayTec distributor