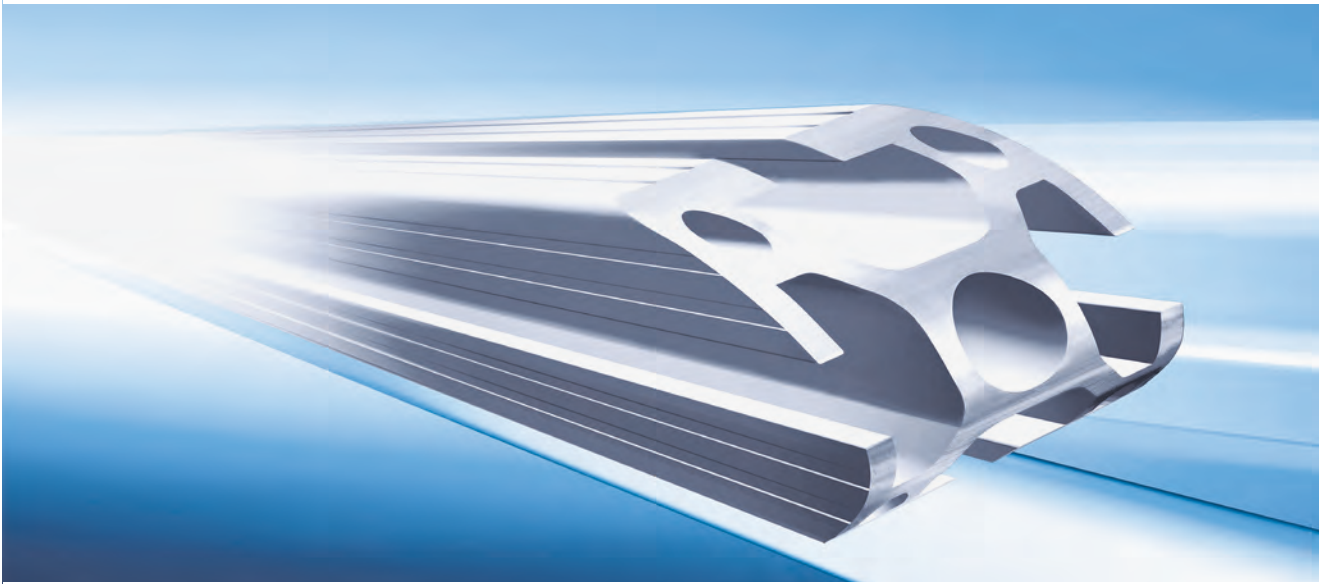




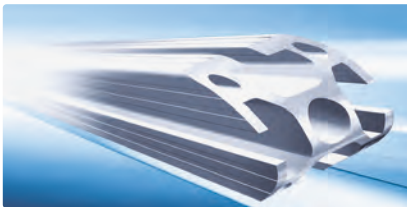
## » Product Summary

## The key ...



## » The Profile System

powered by  
**MayCAD**  
Design Software



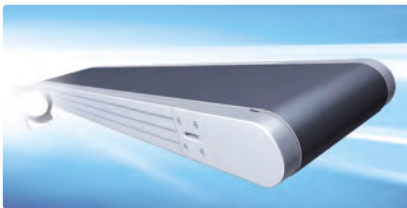
The Profile System



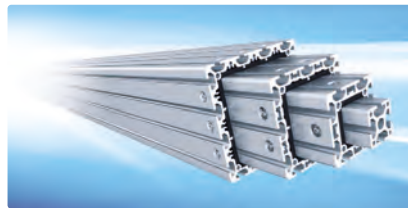
The Clean-Room System



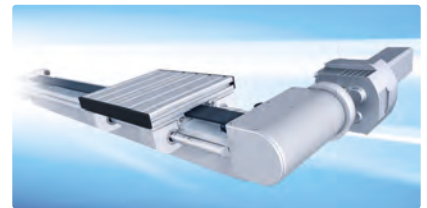
The Tube Clamping System



The Conveyor System



The Telescopic System



The Linear System



The Personnel Transfer System



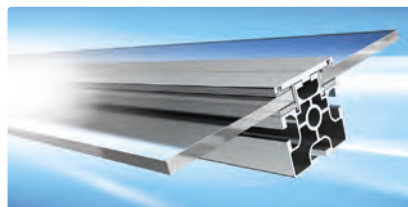
The Skid Transfer System



The Dust Protection System



Safety Barriers

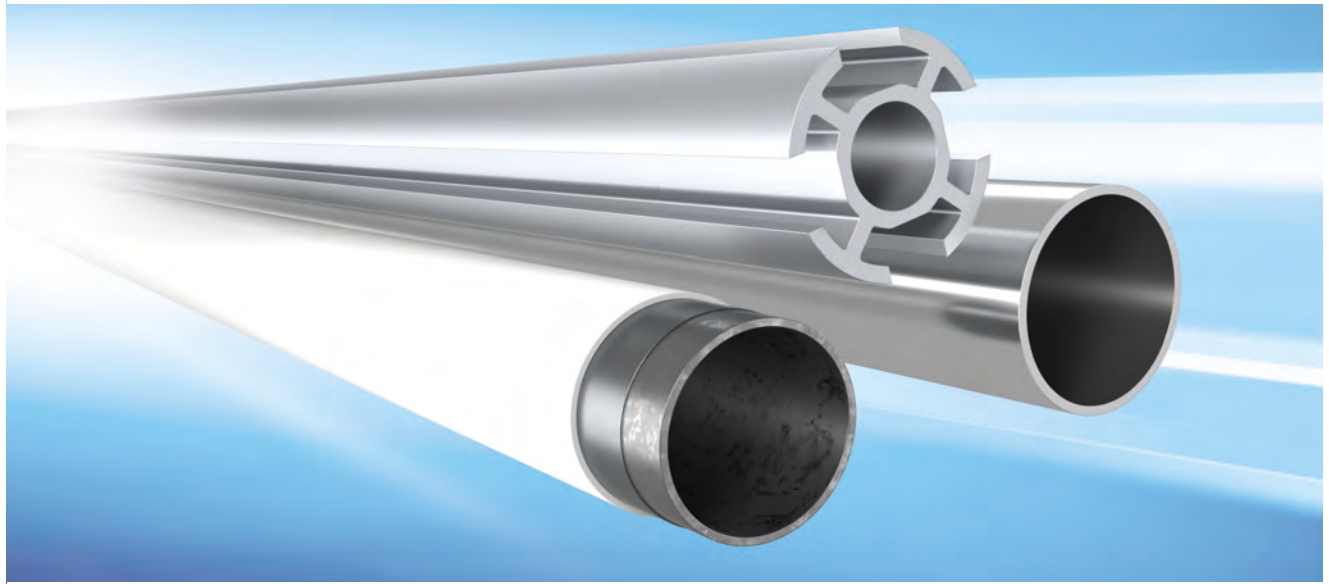


The Modular Wall System



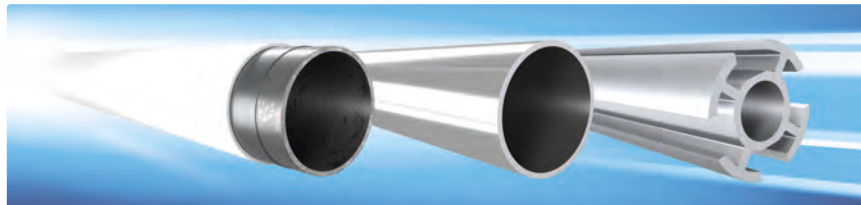
Noise Resist

... to success !



## » The Pipe & Joint System

powered by  
**MayTube**  
 Design Software



The Pipe & Joint System



The Trailer System

### The ideal modular system

MayTec offers a comprehensive, harmonised modular system. All modules 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 modular system.

You may choose:

- delivery of standard elements ex-factory
- delivery of profiles, pipes 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


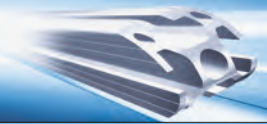
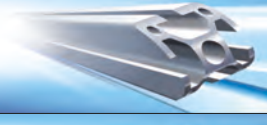








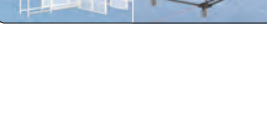
### Implementation

The MayTec modular 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

- |   |   |   |
|---|---|---|
| <ul style="list-style-type: none"> <li>• assembly and inspection stations</li> <li>• display systems</li> <li>• exhibition cabinets and stands</li> <li>• FiFo shelves</li> <li>• flow shelves</li> </ul> | <ul style="list-style-type: none"> <li>• machine bases</li> <li>• machine enclosures</li> <li>• machine guarding</li> <li>• partitions and protective walls</li> <li>• plant equipment</li> </ul> | <ul style="list-style-type: none"> <li>• protective and work cabinets</li> <li>• sequence trolleys</li> <li>• special shelves</li> <li>• transfer and supply trolleys</li> <li>• work stations</li> </ul> |
|---|---|---|

	Title	DE	GB	FR	ES	IT	CZ
	Product Summary	•	•	•	•	•	•
	The Profile System	•	•	•	•	•	
	The Inch System		•				
	The Pipe & Joint System	•	•		•	•	
	The Trailer System	•	•			•	
	The Conveyor System	•	•	•		•	
	The Linear System	•	•				
	The Modular Wall System	•	•			•	
	Safety Barriers	•	•				
	The Tube Clamping System	•					
	The Telescopic System	•	•			•	
	MayCAD / MayTube	•	•	•	•	•	

 Download at <http://maytec.com.de>

<b>MayCAD Design Software .....</b>	<b>3</b>
<b>MayTube Design Software .....</b>	<b>5</b>
<b>The Right Profile System - 5 Reasons .....</b>	<b>6</b>
<b>The Profile System.....</b>	<b>8</b>
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The Clean-Room System .....	14
Connection System.....	15
Accessories .....	20
<b>The Tube Clamping System.....</b>	<b>23</b>
<b>The Linear System .....</b>	<b>24</b>
<b>The Conveyor System .....</b>	<b>28</b>
<b>The Personnel Transfer System .....</b>	<b>31</b>
<b>The Skid Transfer System .....</b>	<b>34</b>
<b>Safety Barriers.....</b>	<b>35</b>
<b>The Telescopic System .....</b>	<b>39</b>
<b>The Modular Wall System .....</b>	<b>40</b>
<b>The Dust Protection System .....</b>	<b>42</b>
<b>The Pipe &amp; Joint System.....</b>	<b>44</b>
<b>The Trailer System .....</b>	<b>63</b>

**Offline**

<b>MayCAD</b> Design Software
3D CAD-Tool for The Profile System
3D configuration module for The Conveyor System

Free download at:

<http://maytec.com.de/index.php?id=21>

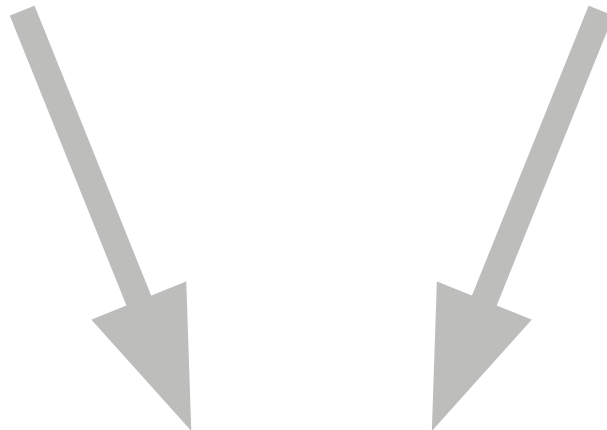
System requirements

- Microsoft Windows
- Graphics card with OpenGL (from version 3.3)

**Online**

<b>MayTube</b> Design Software
3D CAD-Tool for The Pipe & Joint System

Link:

<https://may-tube.com>

In preparation:

**Offline**

<b>MayCAD</b> Design Software
3D CAD-Tool for The Profile System <b>and</b> The Pipe & Joint System
3D configuration module for The Conveyor System

# MayCAD

Design Software

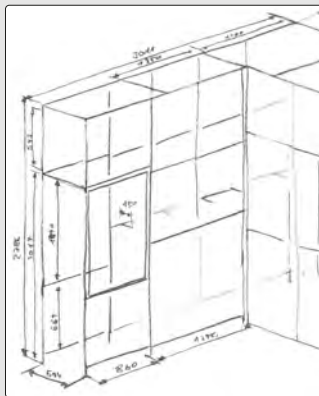
Offline 3D CAD-Tool

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

## Sample

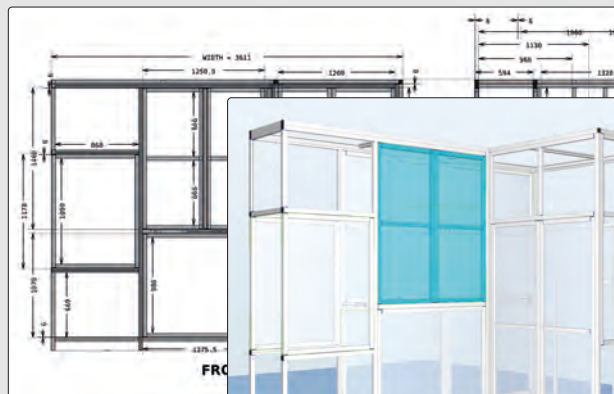
Machine enclosure

Complete in 20 min. ... Ready



Hand sketch

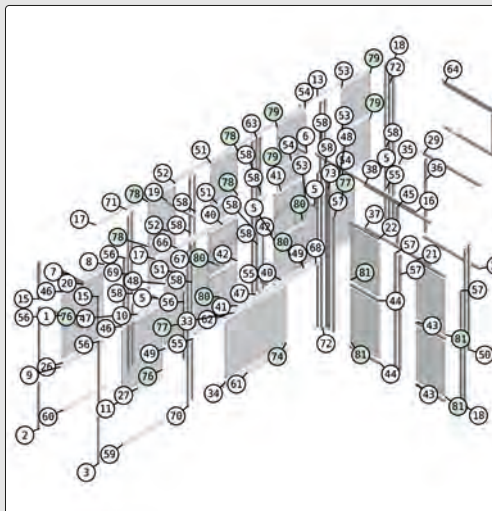
Input in  
MayCAD



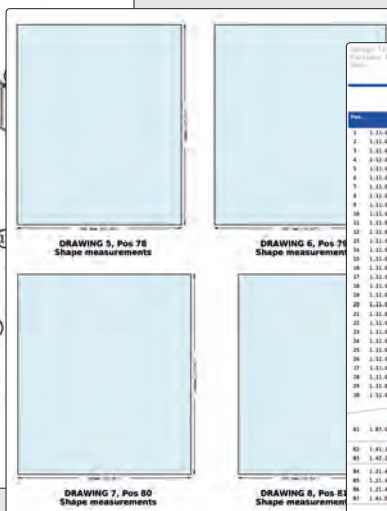
Dimensional  
drawing



3D view



Exploded view with part numbers



Detailed drawings for all  
panel elements

Bill of materials							
Pos.	Bezeichnung	Material	Menge	Einheit	Preis	Wert	Prozent
1	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	17.79	17.79	
2	1.1.1.00000.12.0P-AN00001000	Profil AN000. 12, Isolare, elan	MM	1	17.99	17.99	
3	1.1.1.00000.12.0P-AN00001000	Profil AN000. 12, Isolare, elan	MM	2	17.99	35.98	
4	1.1.1.00000.12.0P-AN00001000	Profil AN000. 12, Isolare, elan	MM	4	9.33	37.32	
5	1.1.1.00000.12.0P-AN00001000	Profil AN000. 12, Isolare, elan	MM	1	7.73	7.73	
6	1.1.1.00000.12.0P-AN00001000	Profil AN000. 12, Isolare, elan	MM	1	11.19	11.19	
7	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	23.79	23.79	
8	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
10	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
11	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
12	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
13	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	17.79	17.79	
14	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	23.79	23.79	
15	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	2	18.87	37.74	
16	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	2	18.87	37.74	
17	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	3	60.00	180.00	
18	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	17.79	17.79	
20	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
21	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
22	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
23	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
24	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
25	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
26	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	17.79	17.79	
27	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	17.79	17.79	
28	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	17.79	17.79	
29	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
30	1.1.1.00000.22.0P-AN00001000	Profil AN000. 22, Isolare, elan	MM	1	18.87	18.87	
81	1.81.000-00	Abstreifen 8 mm, Farbe: 1221, 100 Stm	Stk	6	61.20	367.20	
82	1.41.121	Abstreifen 12, 8 mm, F16	Stk	10	2.34	23.40	
83	1.42.20004.2	Abstreifen 2004, 12, schwarz	Stk	10	8.96	89.60	
84	1.01.000	Verankerung, universell	Stk	10	8.96	89.60	
85	1.11.401	Verankerung, Standard	Stk	40	3.90	156.00	
86	1.11.402	Verankerung, Standard 80°	Stk	17	2.80	47.60	
87	1.41.100.1	Profilteil 1, 4 x 1, 8 mm	Stk	10	1.33	13.30	
Totalmenge:				224 Stk (81) 67 (10)	Totalwert:	6 1541.00	

Parts list with calculations

## MayCAD

Download link:

[www.maytec.de/index.php?id=21](http://www.maytec.de/index.php?id=21)

# MayCAD

Design Software

Offline 3D configuration module  
for layout planning

- Free to use
- Easy to install
- Export function for 3D model

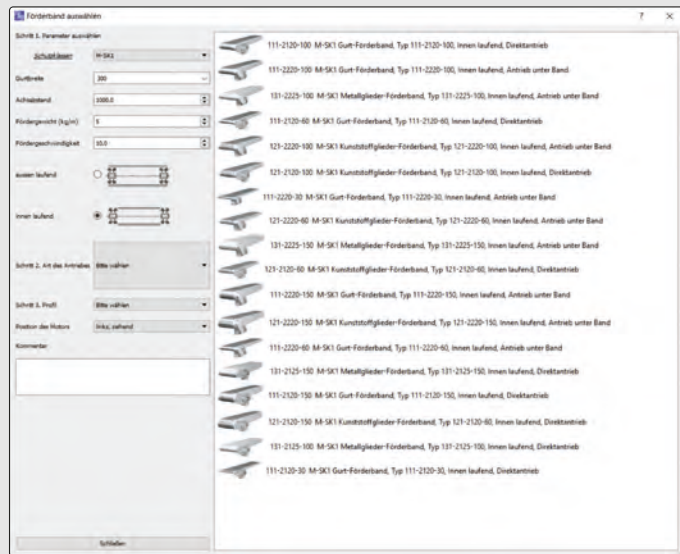
## Sample

M-SK1 Belt conveyor  
Type 111-2220-100

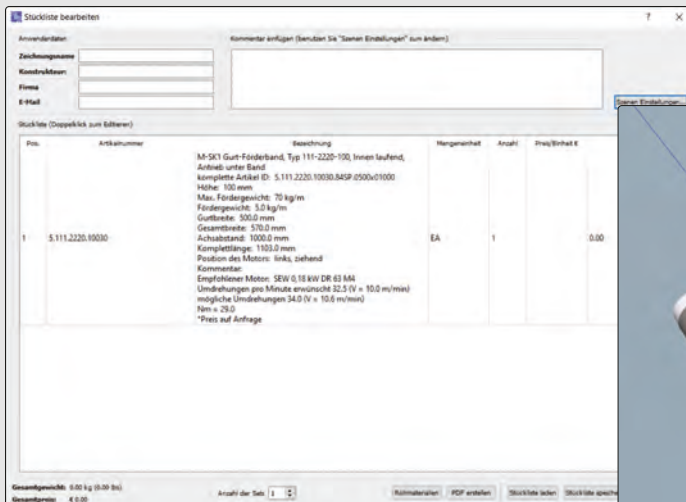
- running inside
- drive under belt

Complete in 2 min. ... Ready

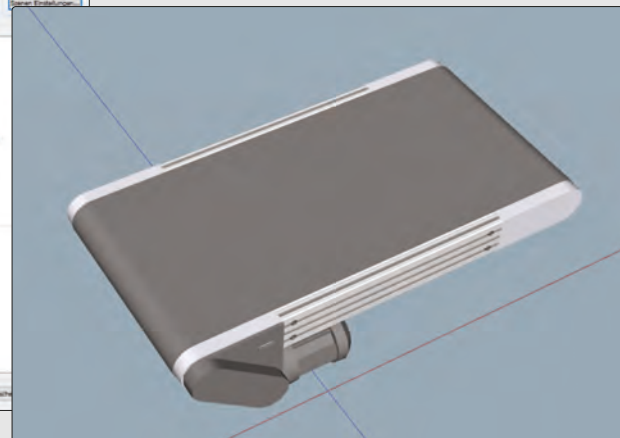
Configuration in  
MayCAD



Conveyor configuration



Article number with description



3D model for use in CAD systems

## MayCAD

Download link:

[www.maytec.com.de/index.php?id=21](http://www.maytec.com.de/index.php?id=21)



# MayTube

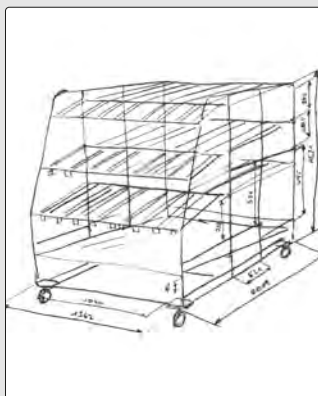
Design Software

Online 3D CAD-Tool

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

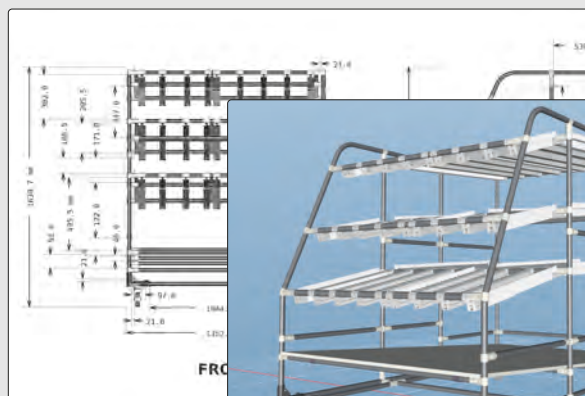
## Sample

Kanban material conveyancing **Complete in 90 min. ... Ready**

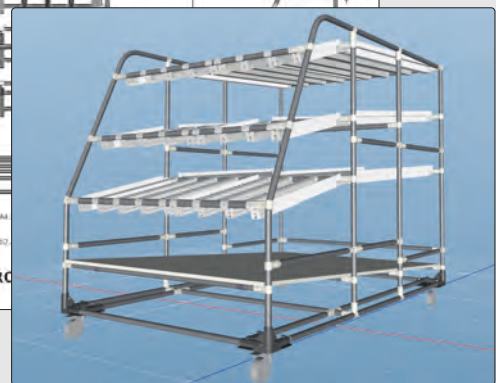


Hand sketch

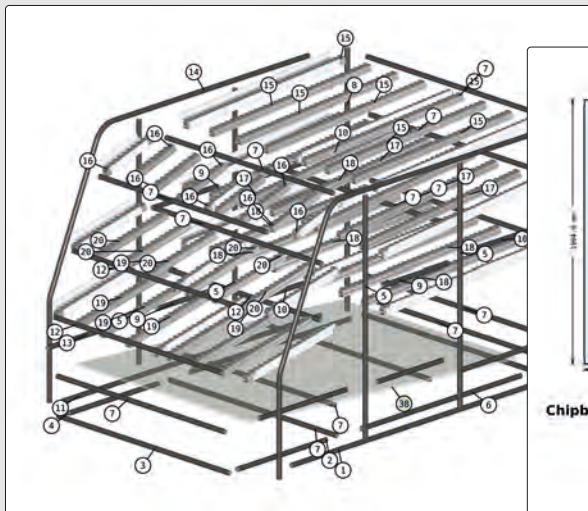
Input in  
MayCAD



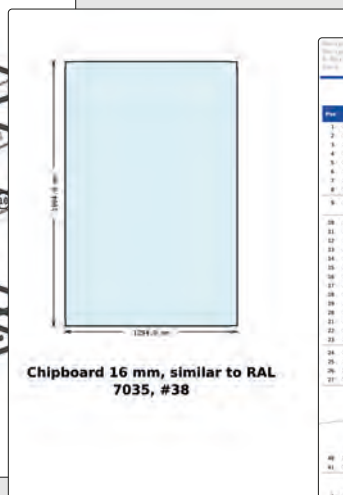
Dimensional  
drawing



3D view



Exploded view with position numbers



Chipboard 16 mm, similar to RAL 7035, #38

Single part drawing for all  
panel elements

Pos.	Article No.	Description	Unit	Qty	Each \$.	Price \$.
1	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	15	12.84	192.60
2	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	4	10.51	42.04
3	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	4	11.27	45.07
4	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	2	6.29	12.58
5	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	2	5.86	11.73
6	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	2	5.26	10.53
7	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	2	11.82	23.65
8	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD	m	1	5.56	5.56
9	21.11.110.20.01	Steel pipe Ø20, 2.8, black, STD - Gable corner, quoted separately	m	2	8.88	17.76
10	21.20.2.02.01	Center guiding profile	m	1	16.25	16.25
11	21.20.2.02.01	Center guiding profile	m	1	15.21	15.21
12	21.20.2.02.01	Center guiding profile	m	1	9.52	9.52
13	21.20.2.02.01	Center guiding profile	m	1	11.11	11.11
14	21.20.2.02.01	Center guiding profile	m	2	22.80	45.60
15	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
16	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
17	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
18	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
19	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
20	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
21	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
22	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
23	21.20.2.02.01	Center guiding profile	m	1	14.29	14.29
24	21.20.2.110.01	Side guiding profile with offset, 10mm	m	2	8.89	17.78
25	21.20.2.110.01	Side guiding profile with offset, 10mm	m	2	10.89	21.78
26	21.20.2.110.01	Side guiding profile with offset, 10mm	m	2	10.89	21.78
27	21.20.2.110.01	Side guiding profile with offset, 10mm	m	2	9.78	19.56
<b>Extra parts</b>						
1	21.20.2.100.00	Roller track support 40	EA	4	3.42	13.68
41	21.20.2.100.00	Roller track support 40 with stop	EA	4	3.58	14.32
<b>Total weight:</b>			105.26 kg	<b>Total amount:</b> 12472.08		

Parts list with calculations

# 5 Reasons...

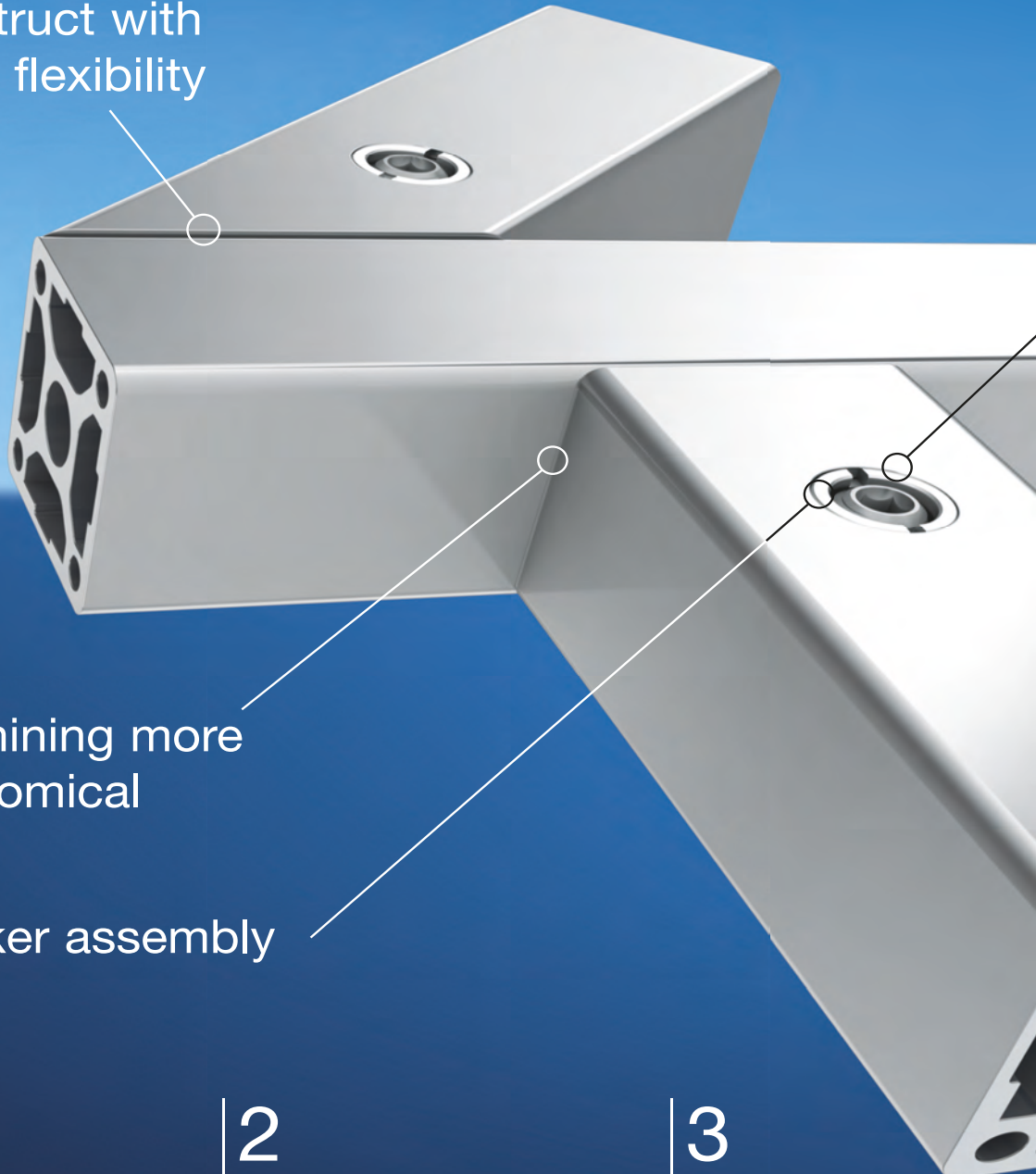
## for Your Success

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.

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

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

	plain	plain	plain	plain
16	<p>16x40</p> <p>L</p> <p>S</p> <p>1F LP</p>	<p>16x40 16x80 16x160</p> <p>L</p> <p>S</p> <p>1E LP 2E LP 4E LP 1E SP 2E SP</p>		
20	<p>20x20</p> <p>L</p> <p>S</p> <p>2H LP 4H LP 2H s.SP 2H c.SP 3H SP 4H SP</p>	<p>20x40</p> <p>L</p> <p>S</p> <p>6H LP 4H SP 6H SP</p>	<p>20x10 20x30</p> <p>L</p> <p>S</p> <p>1F LP 1F LP 2F LP 1F SBP 2F SP</p>	
30	<p>30x30 30x50 30x60 30x100 30x150</p> <p>L</p> <p>S</p> <p>1F LP 2F c.LP 2F LP 3F LP 4F LP 4F LP 2F s.SP 0F SP 1F SP 2F c.SP 2F c.SBP 2F SP 3F SP 4F SP 4F SP 0F SP 6F LP 3F SP 8F SP 10F SP 8F SBP</p>	<p>30x150</p> <p>L</p> <p>S</p> <p>8E SP</p>		
40	<p>E3 40x40 40x80 40x120 40x160 80x80</p> <p>L</p> <p>S</p> <p>2E s.LP 1E LP 2E c.LP 2E LP 3E LP 4E LP 0E LP 3E c.LP 4E LP 4E LP 5E LP 6E LP 8E LP 6E LP 10E LP 0E LP 4E c.LP 6E LP 8E LP 40 r.30° 40 r.45° 40 r.60° 40 r.90° 2F LP 2E LP 2E LP 2E LP 0E SP 2E c.SP 3E SP 4E SP 6E SP 2E 45° LP 7E 45° LP 7E SP 8E SP</p>			
45	<p>E4 45x45 45x60 45x90 90x90</p> <p>L</p> <p>S</p> <p>2E s.LP 0E LP 1E LP 2E c.LP 2E LP 3E LP 4E LP 4E LP 0E LP 6E LP 0E LP 8E LP 4E SP 0E SP 6E SP 8E SP</p>			
50	<p>E4 50x50 50x100 100x100</p> <p>L</p> <p>S</p>			
60	<p>E4 60x60</p> <p>L</p> <p>S</p> <p>2E LP 4E LP 2E c.SP 2E SP 4E SP</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;"> <span>H</span> <span>F</span> <span>E</span> </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 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** 40x40 40x80 40x120 80x80 80x160

L 2E s.L 2E c.L 2E L 3E L 4E L 4E L 6E L 8E L 8E L 8E LB 12E L

S 2E c.S 3E S 4E S 6E S 8E S 8E a.S 12E S

45

**E4** 45x45 45x60 45x90

L 4E L 4E L 6E L

S 4E S 6E S

50

**E4** 50x50 50x100 50x150 100x100

L 2E c.L 2E L 3E L 4E L 6E L 8E L 8E L

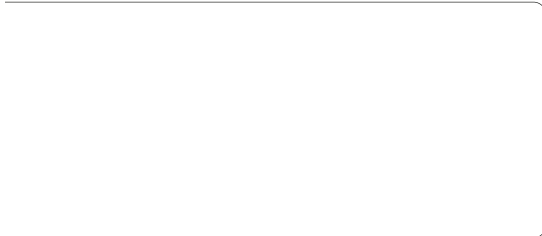
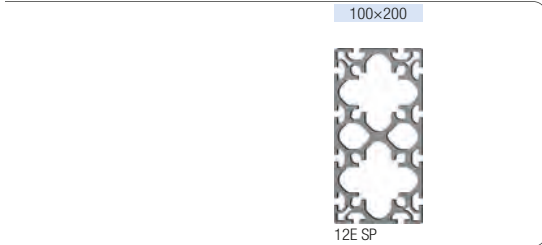
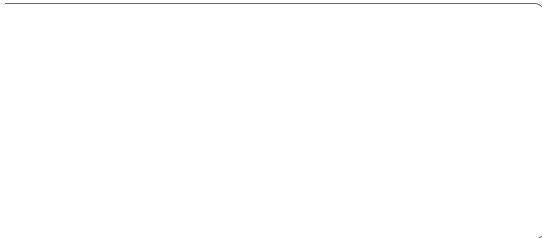
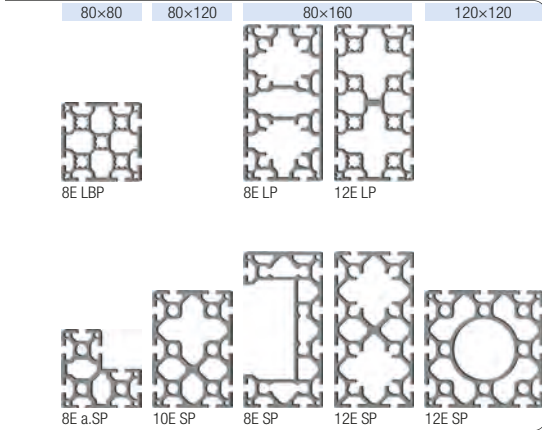
S 2E s.S 2E c.S 3E S 4E S 6E S 8E S 8E S 8E S

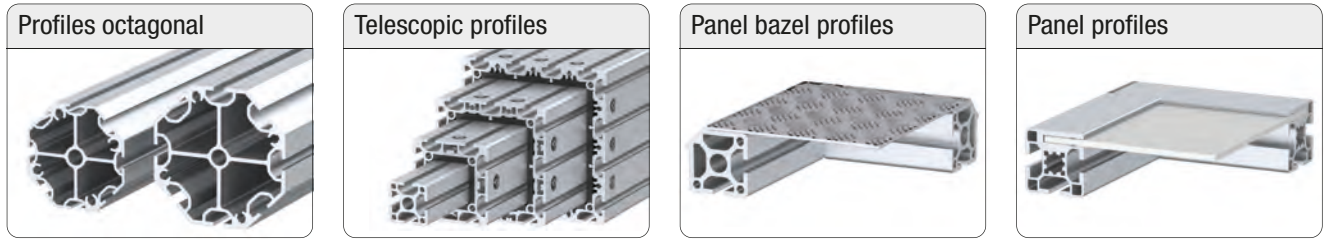
60

**E4** 60x60 60x90

L 4E L 6E L

S 4E S 6E S





↳ "The Telescopic System"

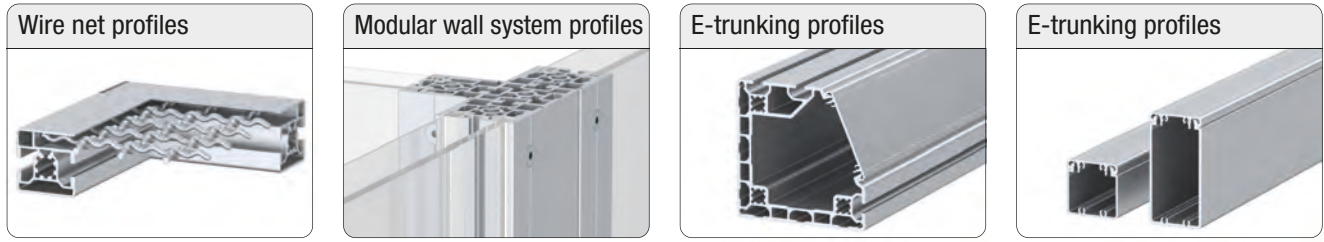
<p>30 plain</p>	<p>F 30 octag.</p> <p>L</p> <p>S</p>		<p>30x60</p>	<p>30x30      30x50</p>
---------------------	--------------------------------------	--	--------------	-------------------------

<p>40 plain</p>	<p>E3 40 octag.</p> <p>L</p> <p>S</p>	<p>40x40      80x80</p>	<p>40x40</p>	<p>40x40      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>
---------------------	---	--	--	--


<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>
---------------------	---	--	--	---

<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>		
---------------------	--------------------	---	--	--

<p>50 plain</p>				
---------------------	--	--	--	--

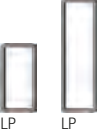
<p>60 plain</p>	<p>E4</p> <p>L</p>	<p>57x57 60x57 60x117</p> <p>Compression profile</p> <p>57x4 60x4</p> <p>61x4</p>  <p>2E c.LP 1E LP 4E LP 6E LP</p> <p>120x120</p> <p>60x4 with chamfer</p>  <p>4E a.LP</p>		
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**Tube profiles**




30  
plain

30x60 30x100




LP LP

**Profiles round**



48 round

plain



1E SP 2E c.SP 2E SP

**19" profiles**



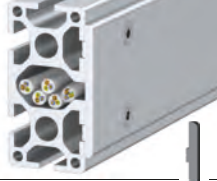

PG 30  
PG 40  
PG 50

**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**

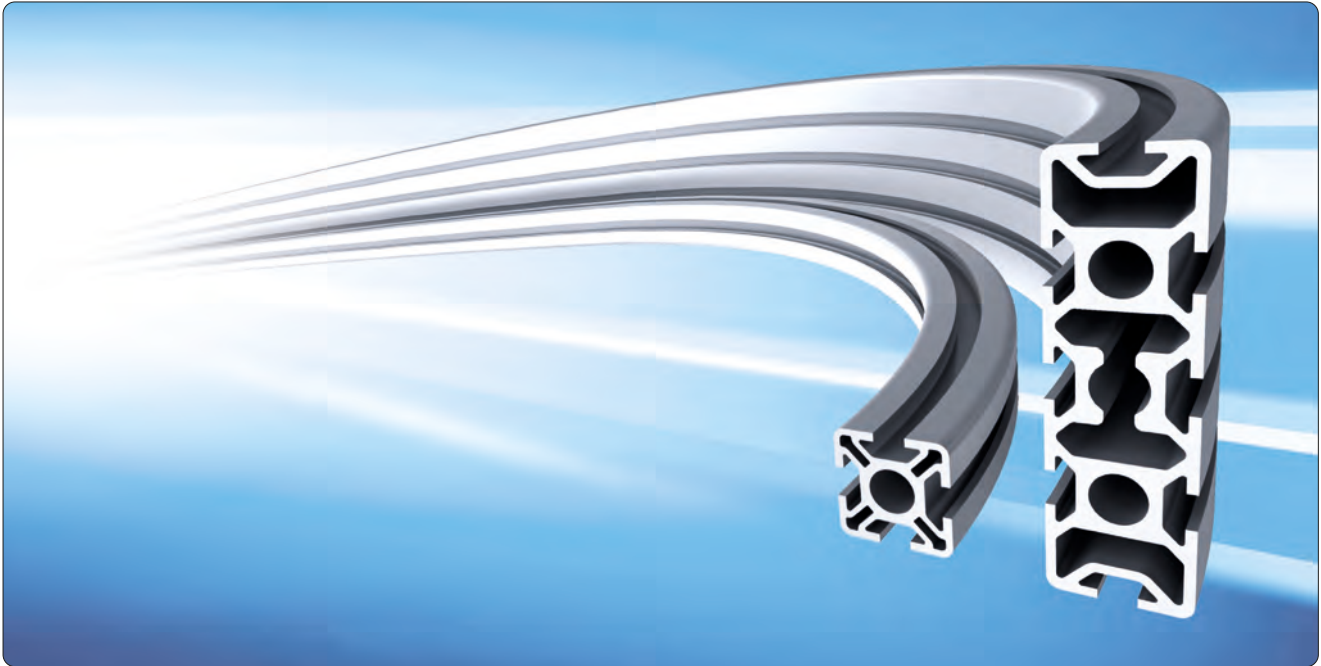



**U-profile**




40





### Curved profiles

For curved profiles the following data is required:

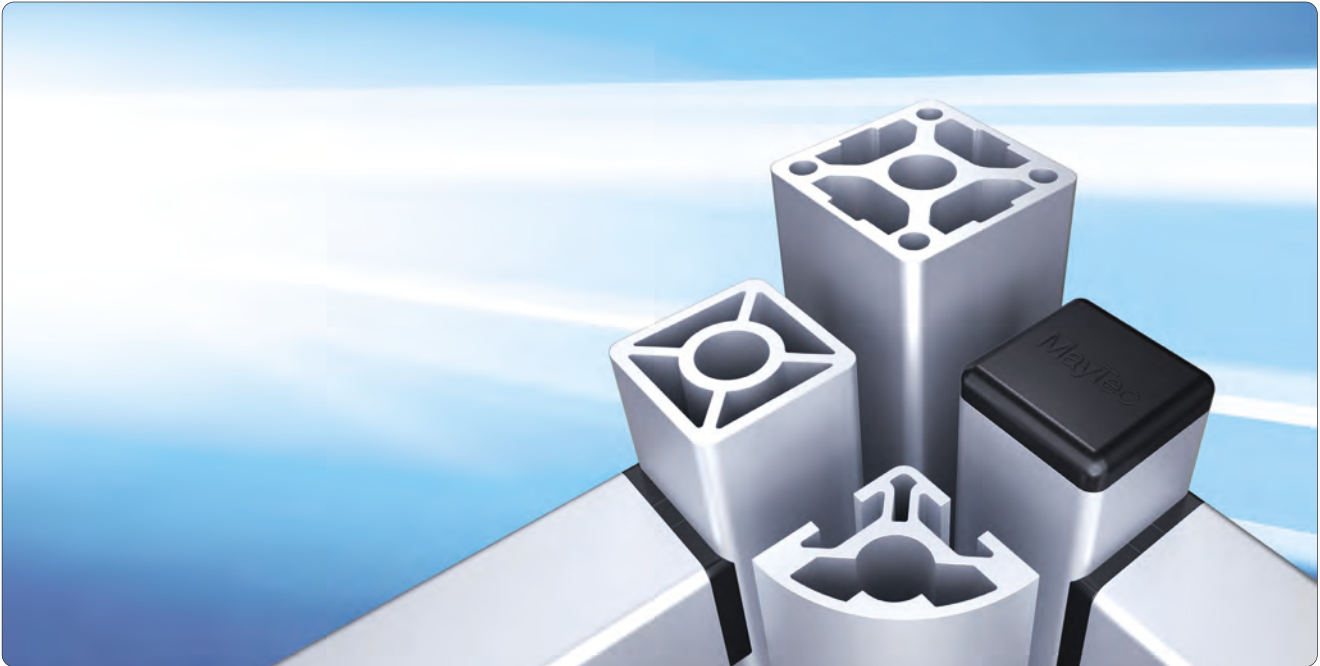
- Profile type
- Position of profile
- Radius
- Direction
- Necessary accuracy of dimensions for curved profiles and for all required functionality



Position of profile

### Round cabin





## The Profile System

for

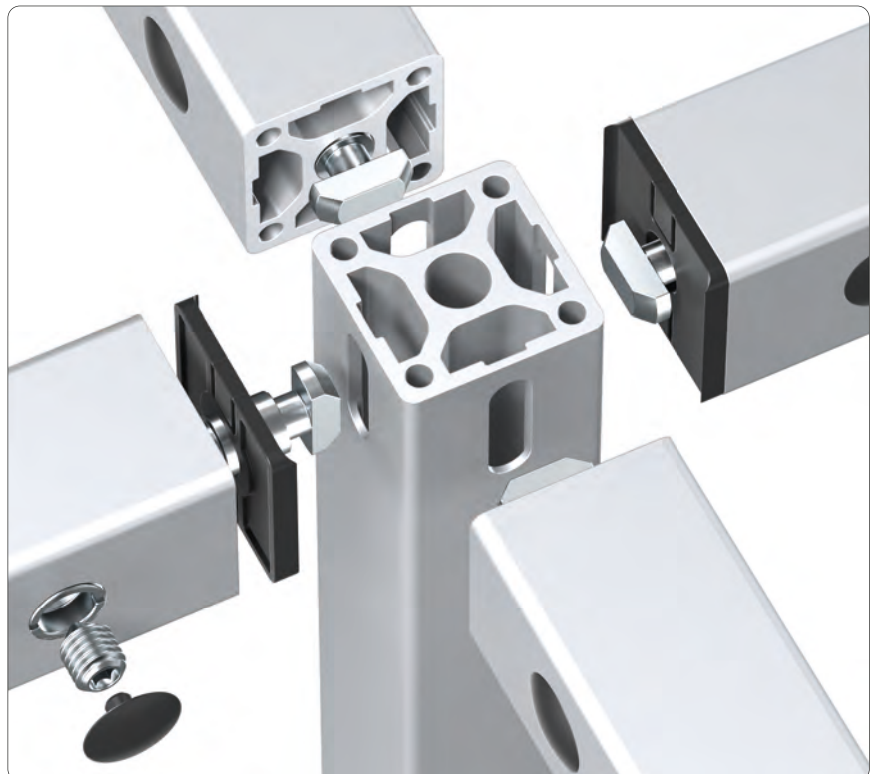
- Clean-room technology
- Electrical engineering
- Medical technology
- Food industry
- Optical industry
- Pharmaceutical technology

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:**

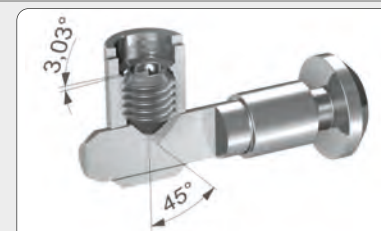
- easy machining
- quick assembly
- limitless (dis)assemblies


**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**

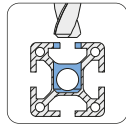
**MayTec  
Universal-Connector**

**18,000 N**  
working load

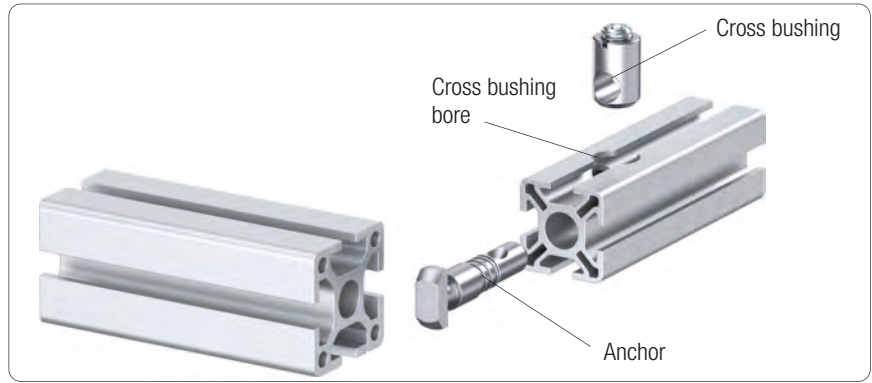
**Vibration  
proof**

**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

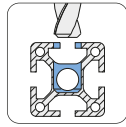
**Clamping lever for connectors**



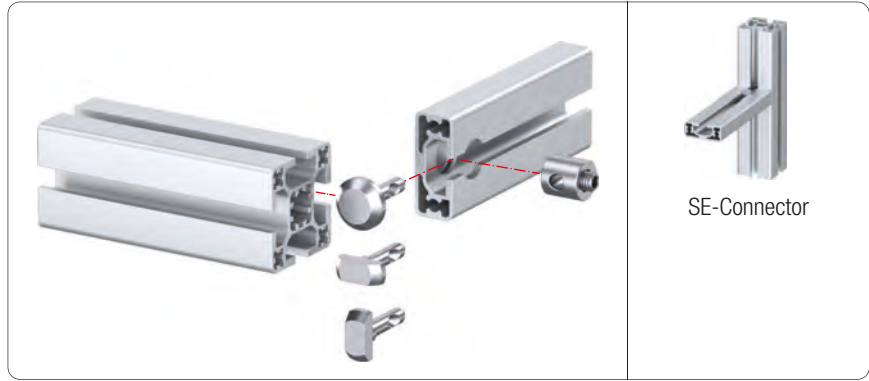
Clamping lever

**The MayTec Connector System**

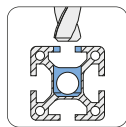
- mounting of connector in slot
- with machining



Cross bushing bore



SE-Connector



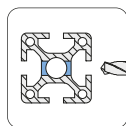
Cross bushing bore



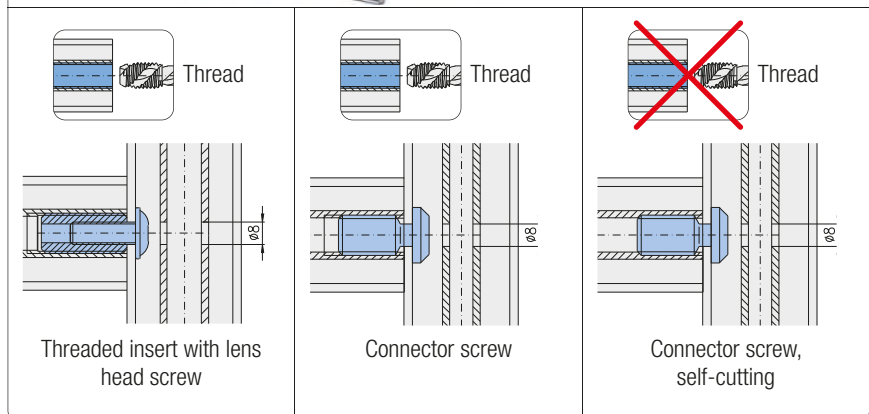
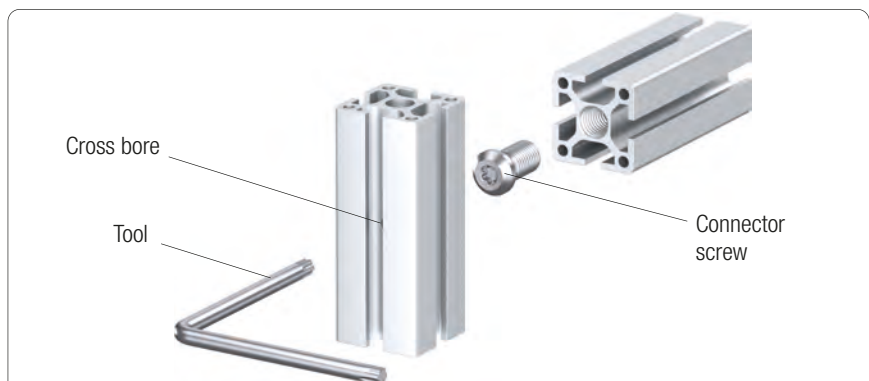
ST-Connector

**Screw-type connections**

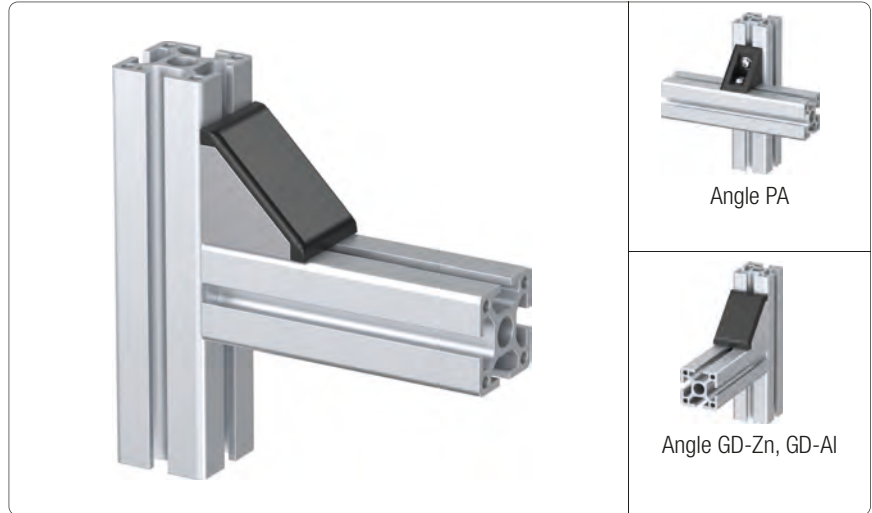
- with machining



Cross bore



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

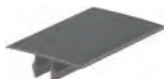


Press-fit threaded inserts

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



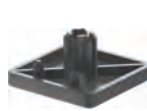
Sealing profile



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 foot



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



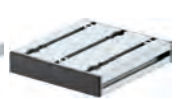
Base plates



Floor mounting plate

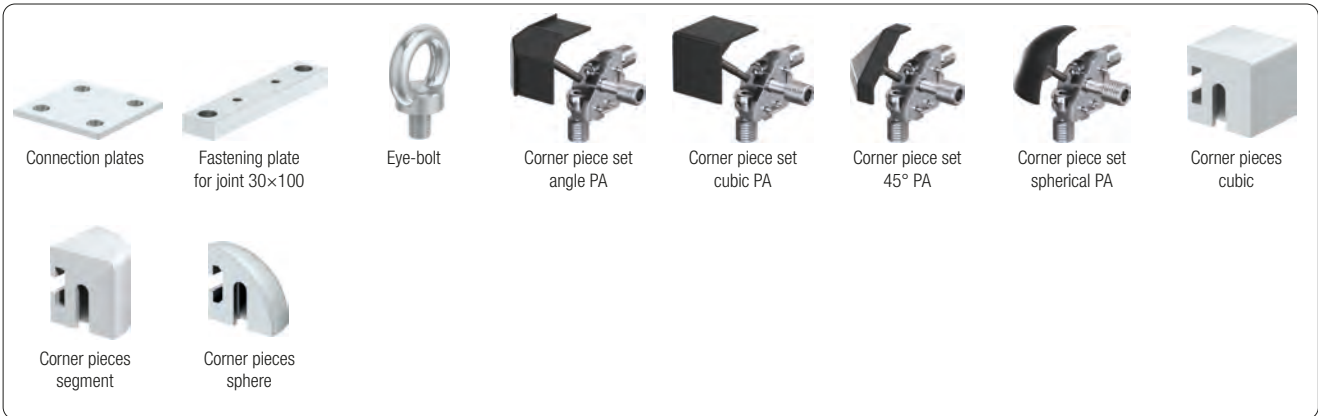


Mounting plates

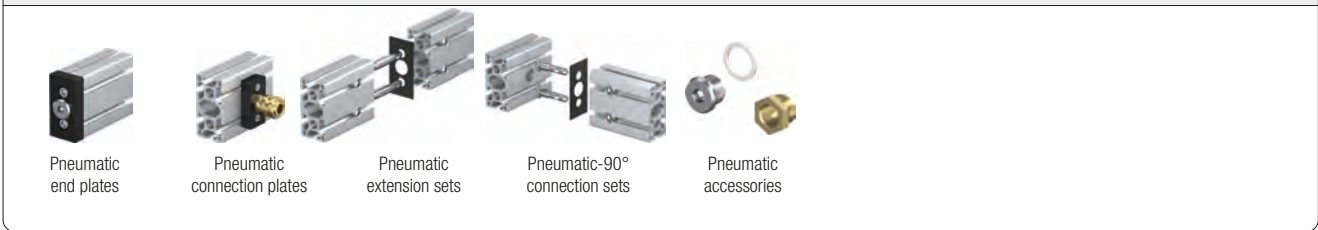


Floor plate



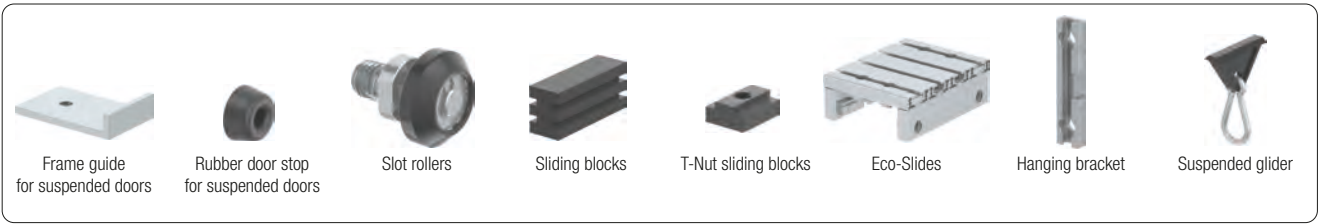


1.5 Pneumatic accessories

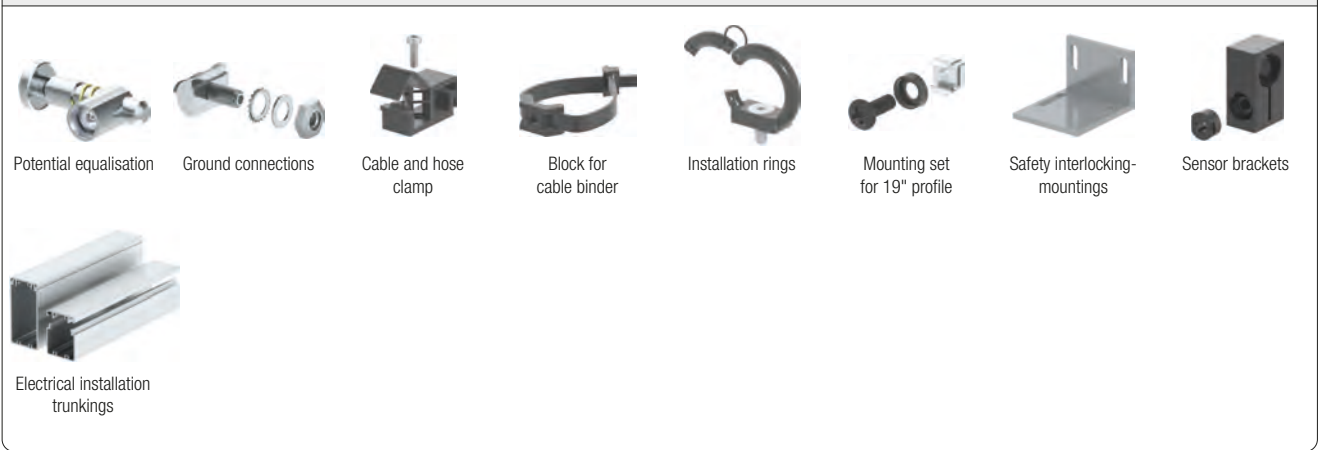


1.6 Additional accessories

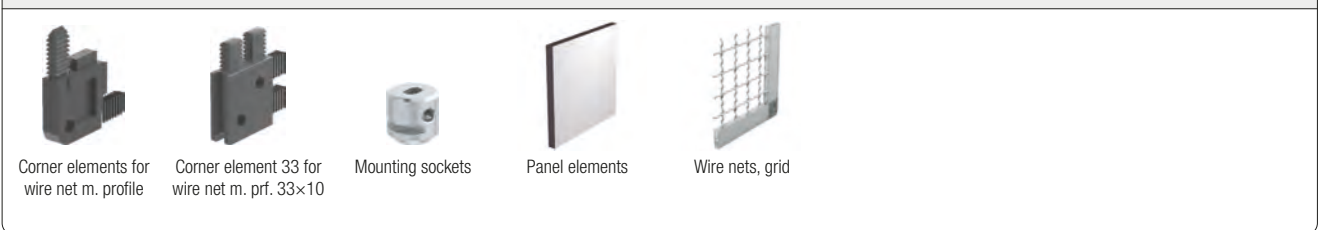




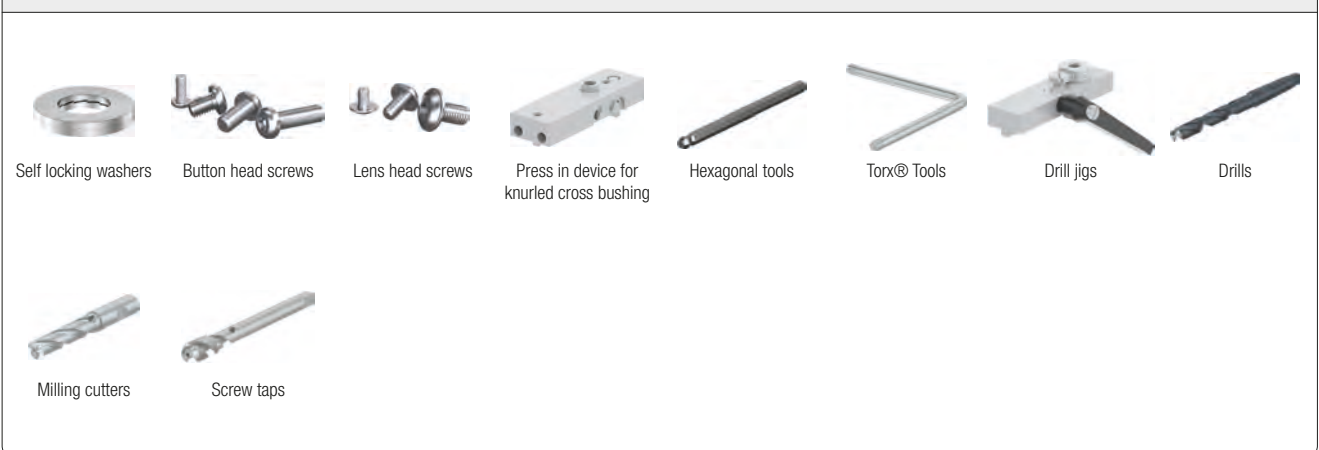
1.7 Electrical accessories

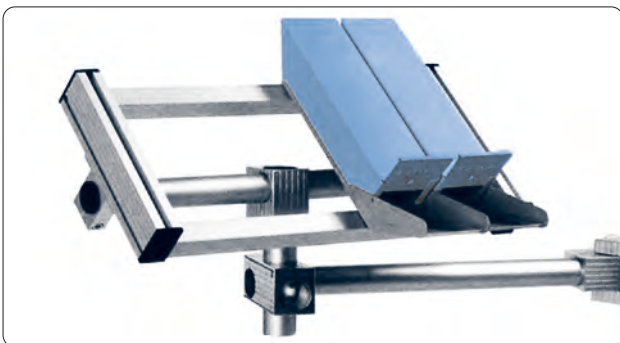
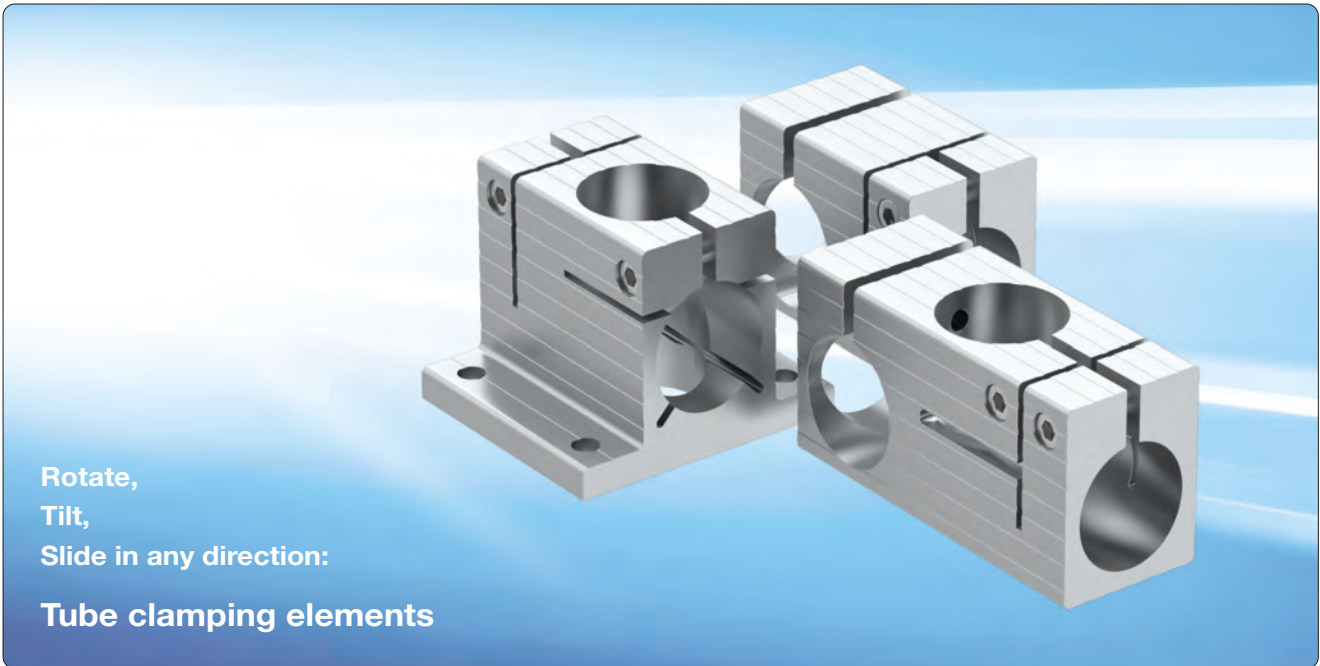


1.8 Panel elements



1.9 Tools





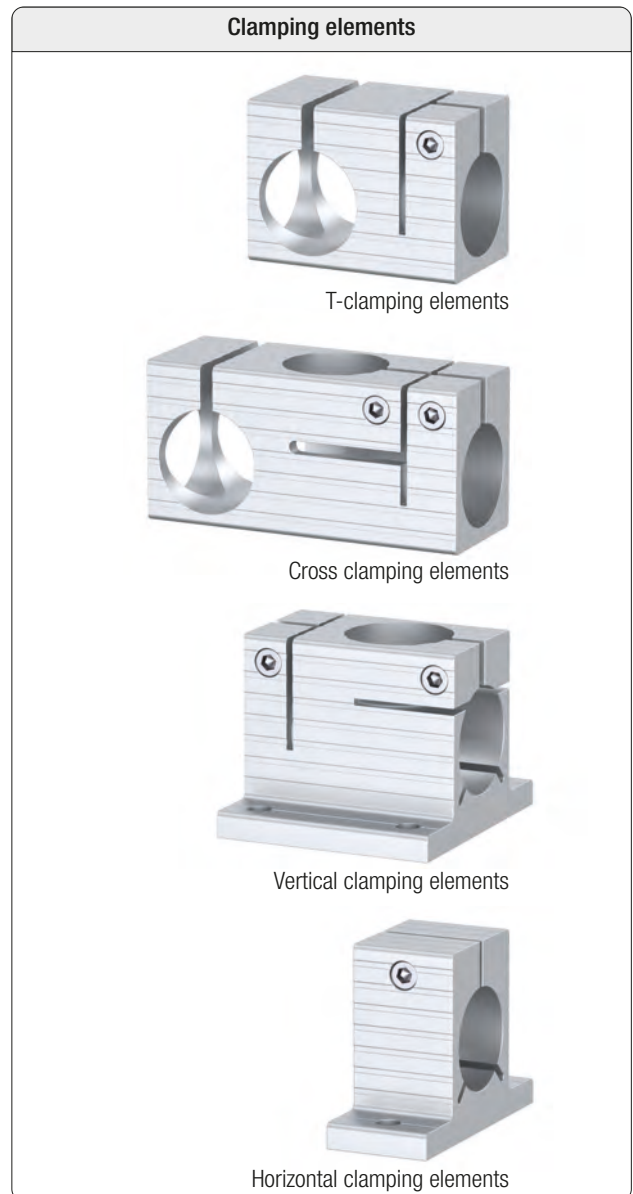
Adjustable picking bins with slide mechanism

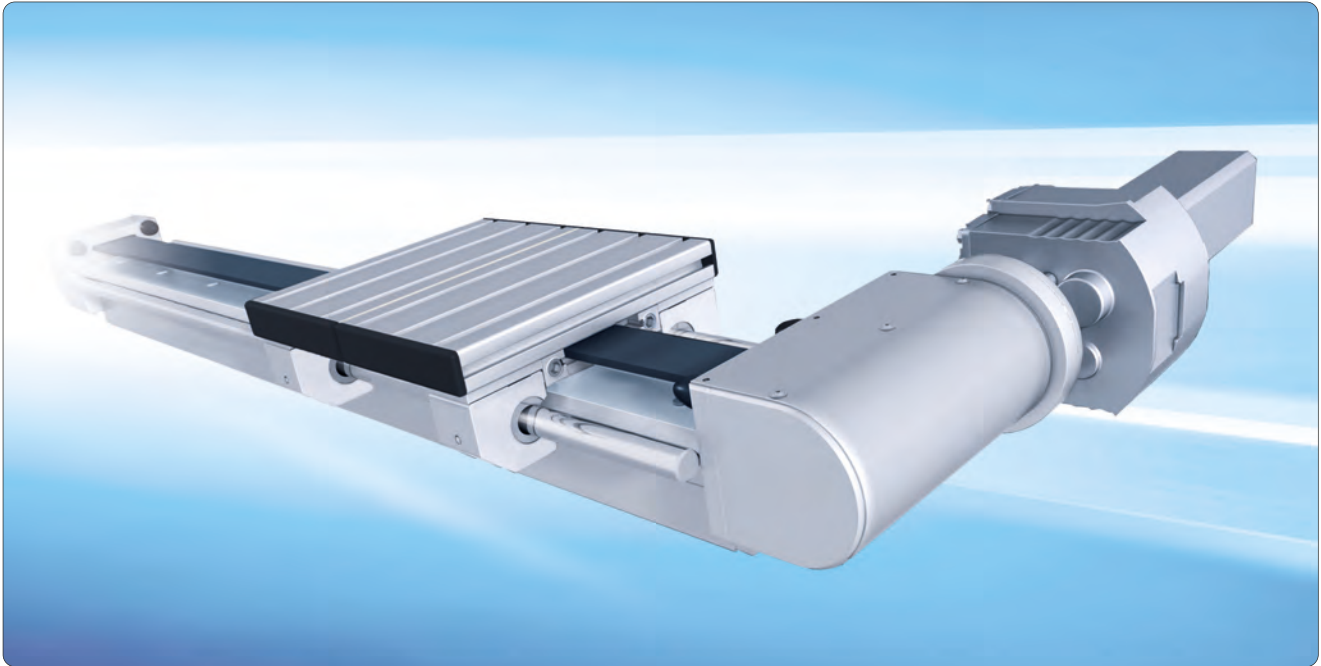


Adjustable picking bins with tilt mechanism



Tilt and lock mounting frame for 19" equipment





## The MayTec Linear System

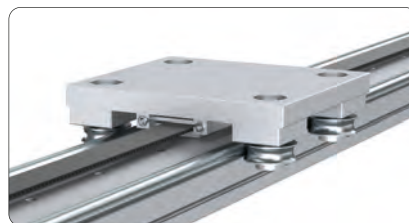
MayTec offers a wide range of accessories to expand and simplify the integration of linear guidance technology with profile technology. The integration of various linear guidance hardware is also possible due to the modular concept of the system.

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.

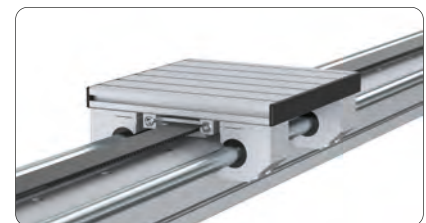
- suitable for rough or dirty applications
- high force tolerance with low wear
- high accuracy with low friction
- long life expectancy



### Shaft guidance

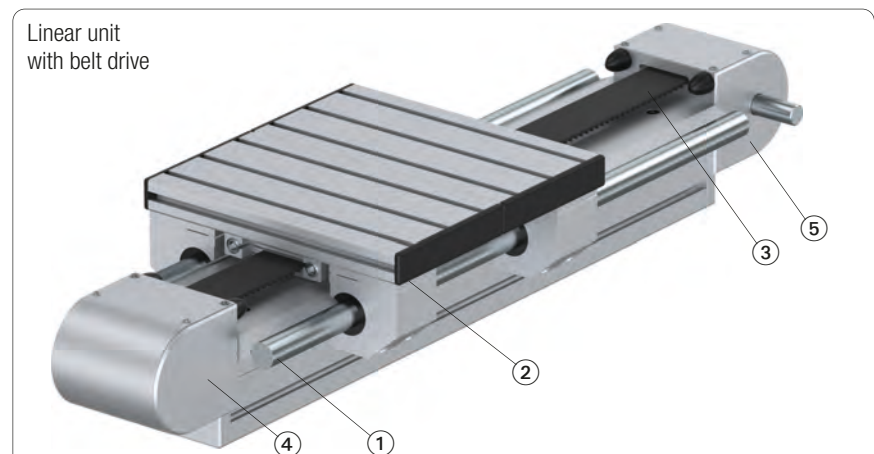
A proven and extremely flexible guidance system due to the compact nature of the construction. Depending on the application requirements, either sliding or ball bearing guides can be used. Shaft guide systems are used where high accuracy along with carriage stability is required.

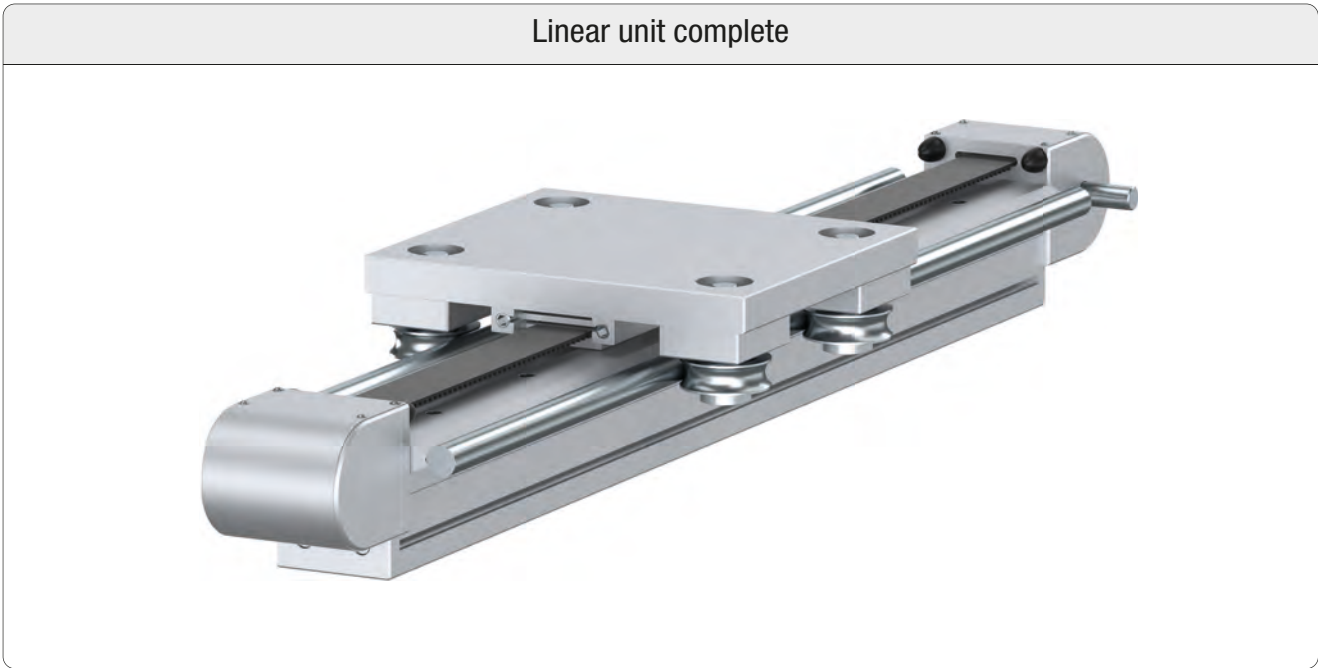
- compact form
- low resistance
- high stability
- high accuracy
- quiet rolling noise level



### 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

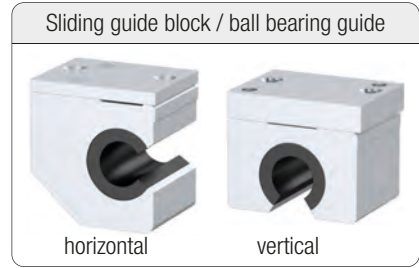
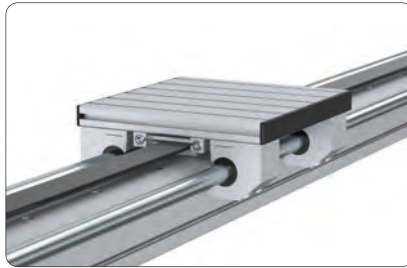


shaft-Ø

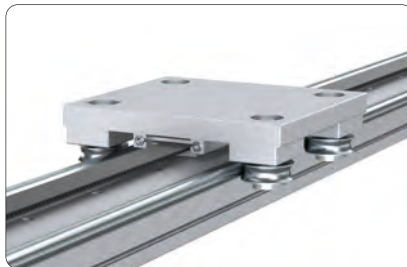
12 mm	16 mm	20 mm	25 mm
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Carriage unit

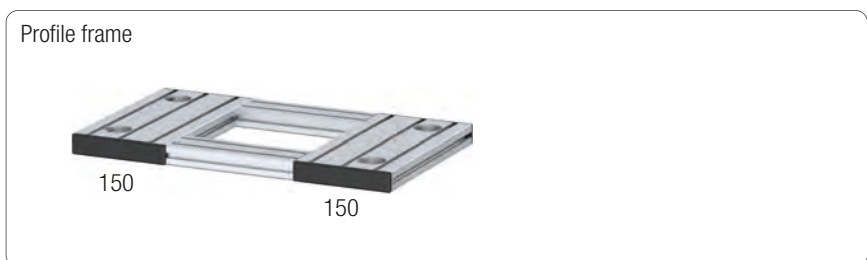
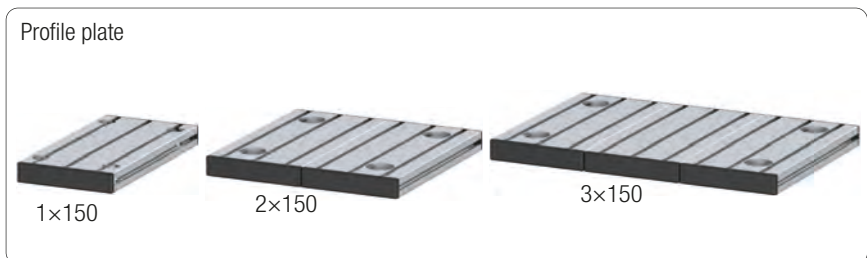
Encased guide block



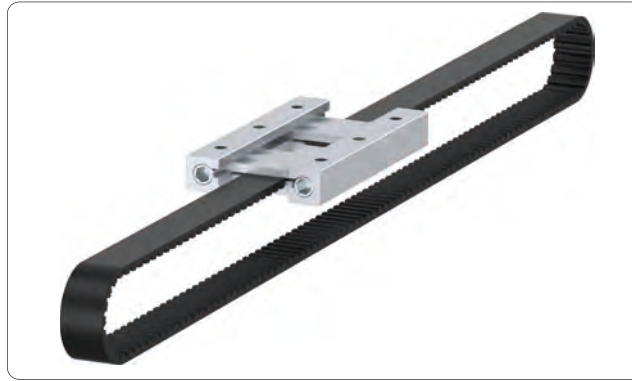
Exposed roller guide



Carriage plates



Drive unit



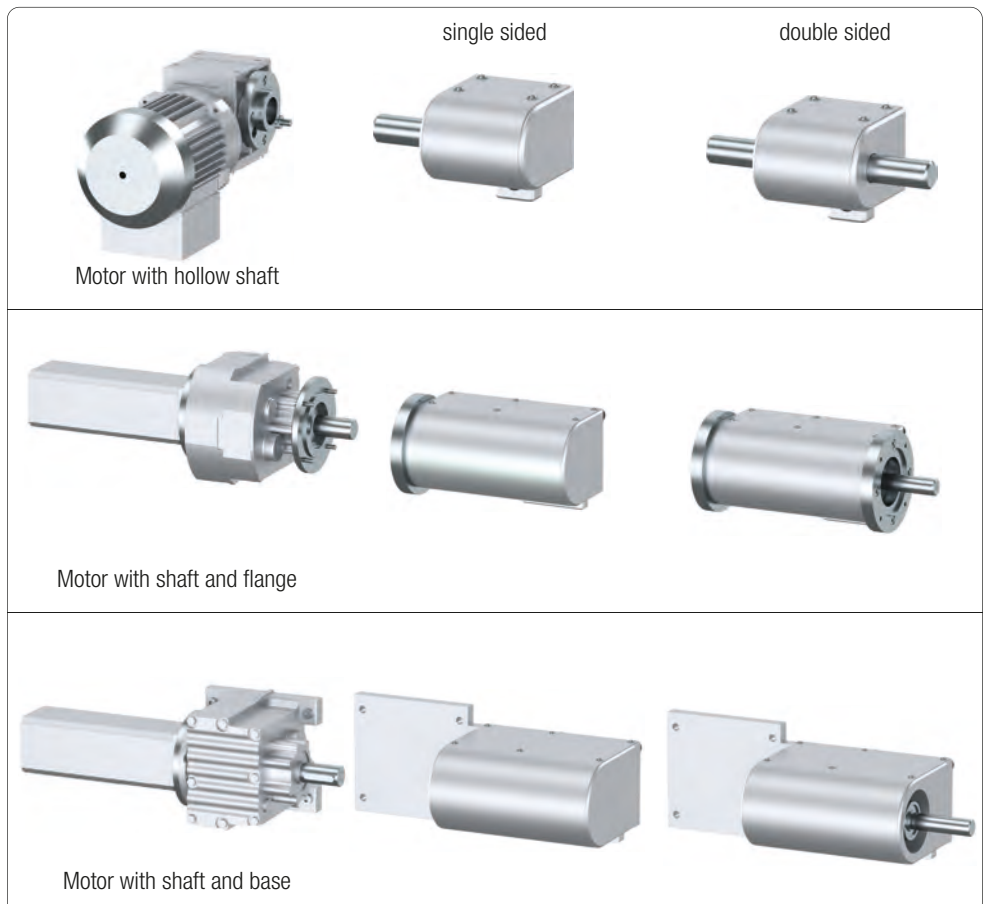
Toothed belt		
Type:	5M	8M
width:	15	20
	25	30
		50

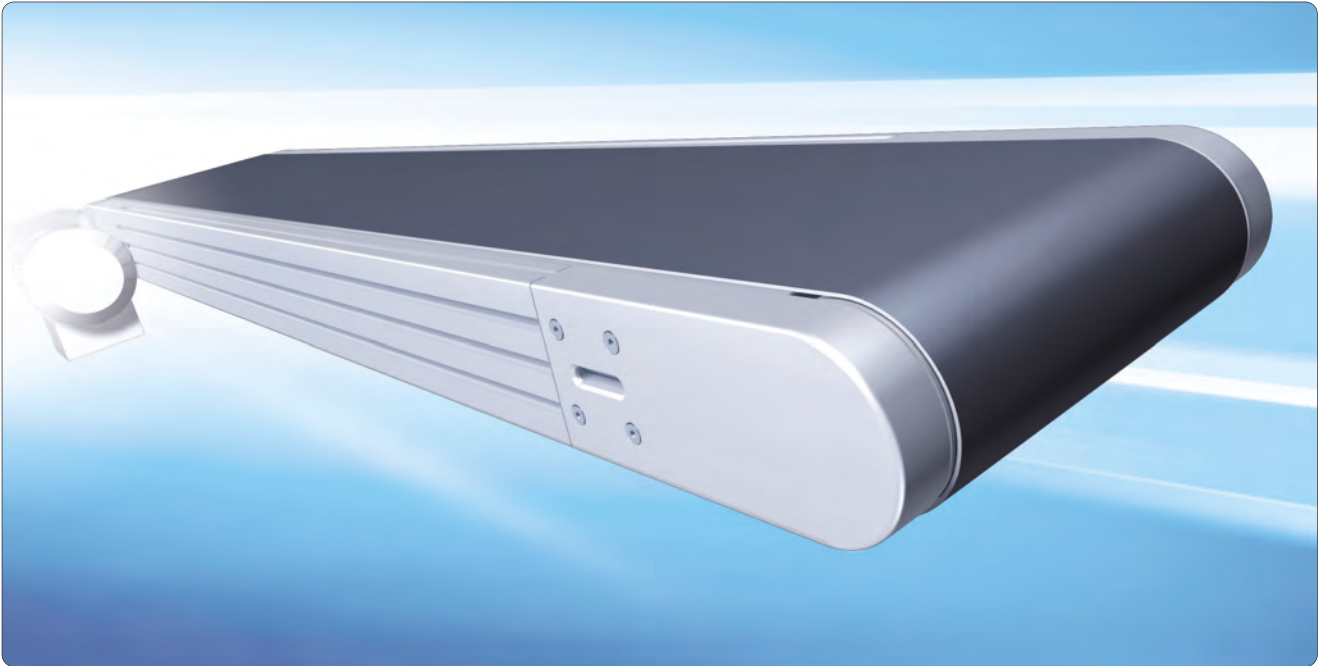
Turning unit

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.

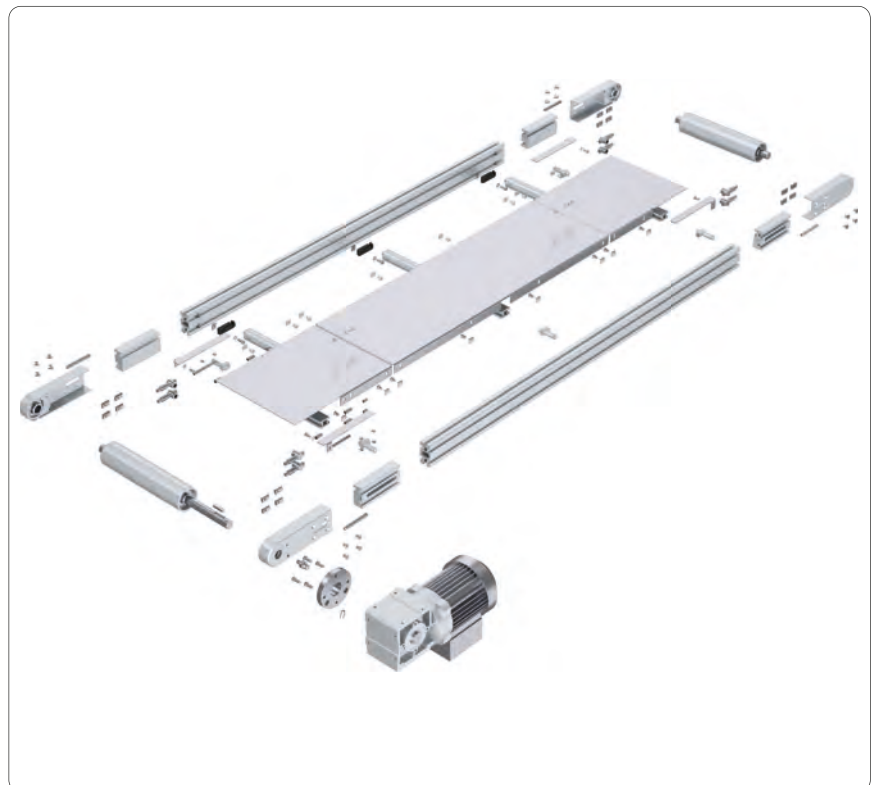
For self assembly, individual components and assemblies can be delivered along with parts lists and assembly instructions as required.

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

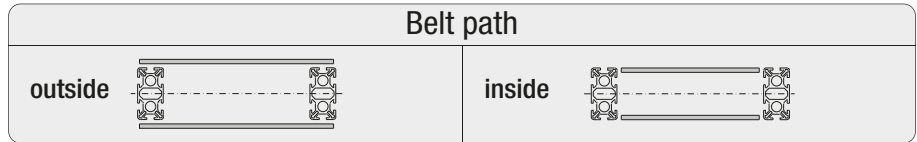
### The Components

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

### 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

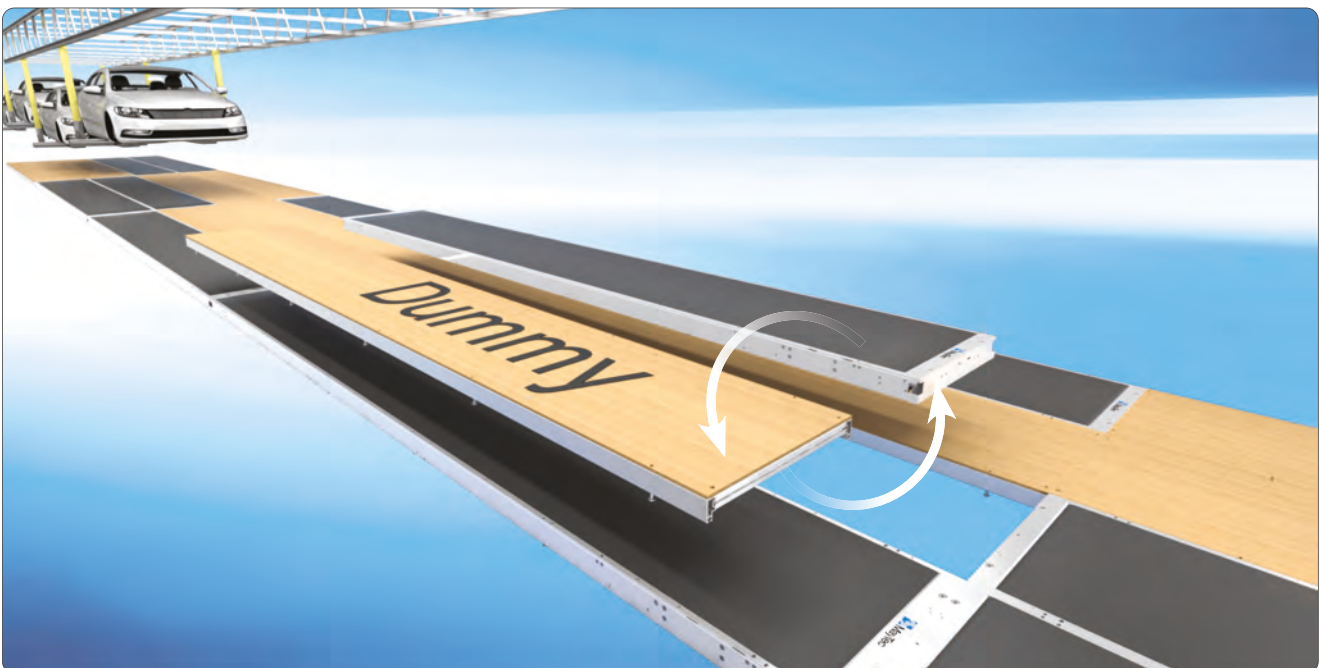
- aluminium base frame
- min. 120 mm total height
- belt options available
- internal drive
- belt speed: 0 - 10 m/min
- optional
- fire safety specification: B1 compliant version
- electrostatic discharge: ESD compliant version

### 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



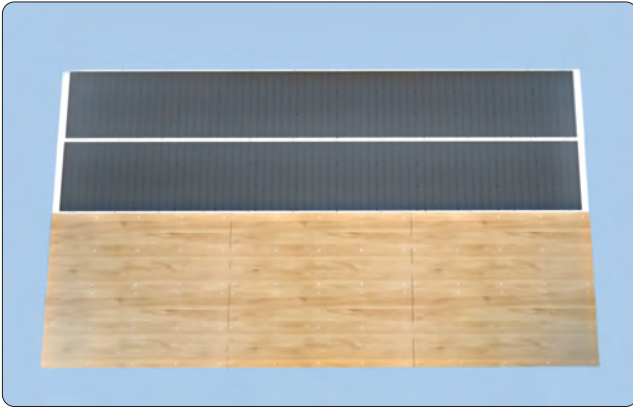
in combination with suspension track system



in combination with skid tracks



in combination with floor conveyors



platform system



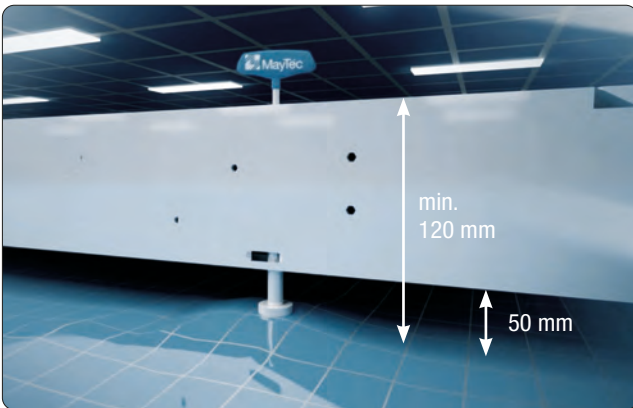
MayTec baseframe with floor panels



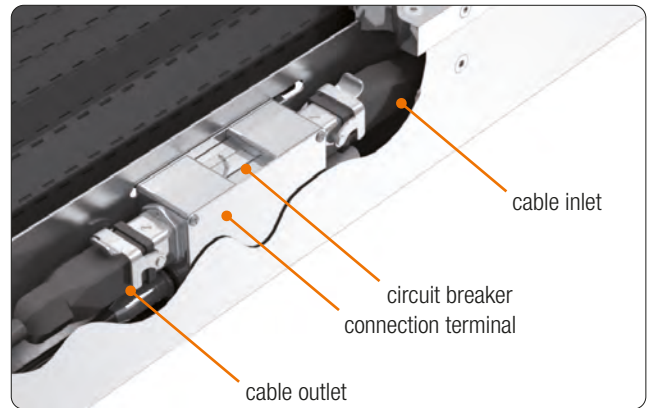
conveyor setup with platform



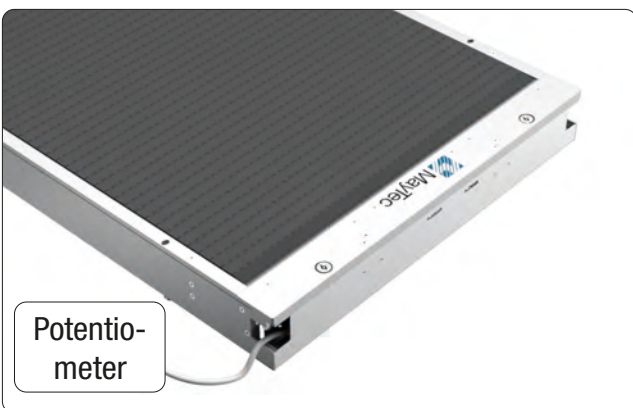
conveyor setup with height adjustable platform



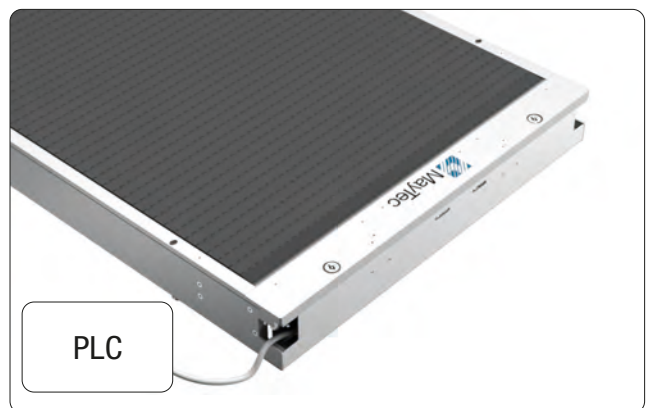
height adjustment for conveyor and platform



connection terminal with circuit breaker



speed adjustment by potentiometer



external speed adjustment



## The MayTec Skid Transfer System

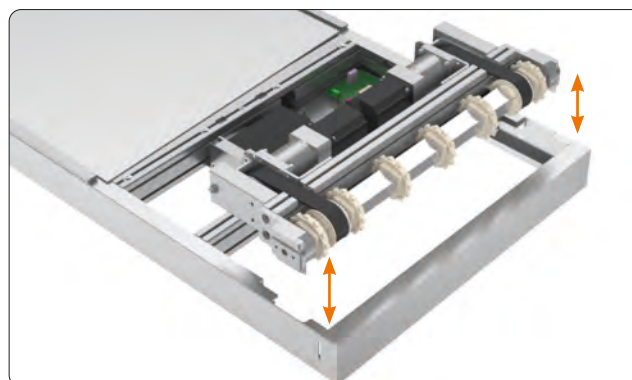
### Overview

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



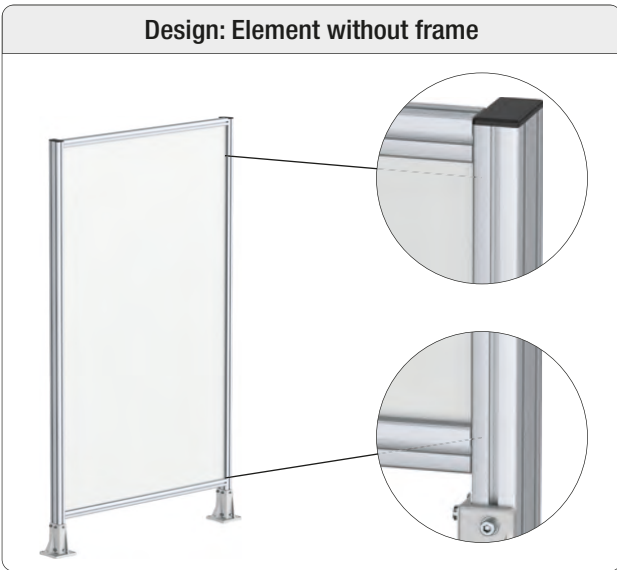
Continuous operation



Tandem drive

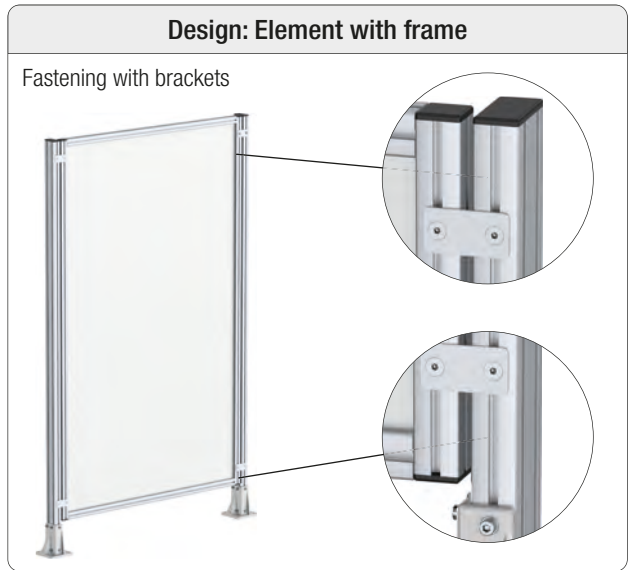


Design: Element without frame



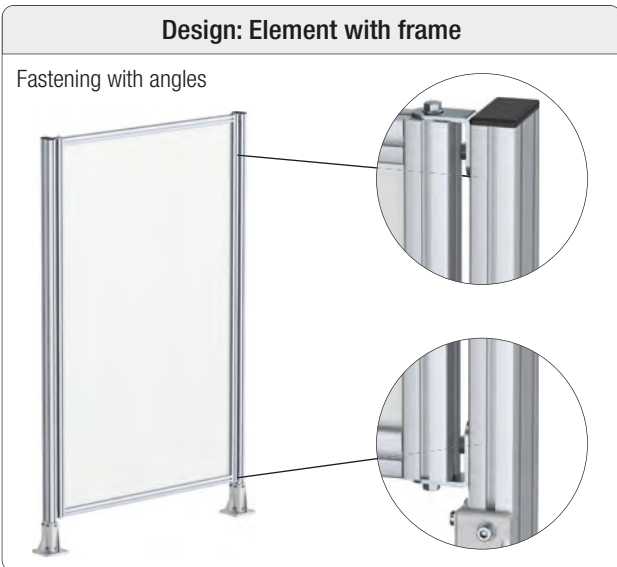
Design: Element with frame

Fastening with brackets



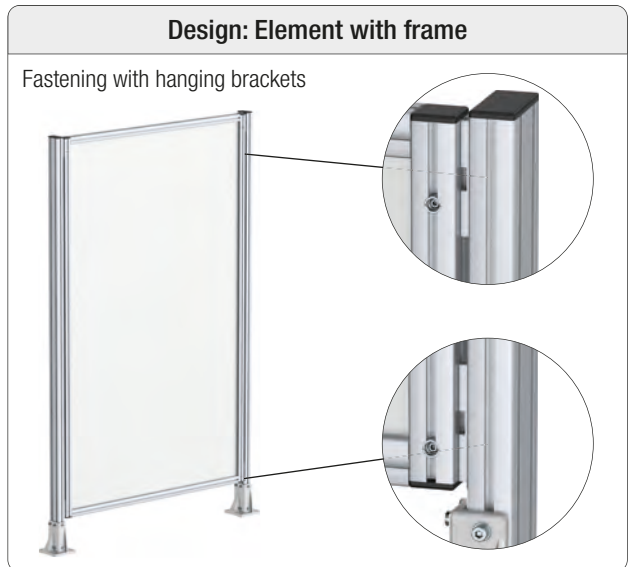
Design: Element with frame


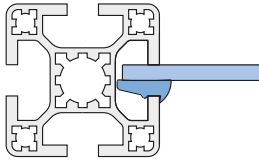
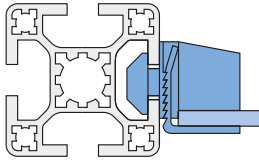
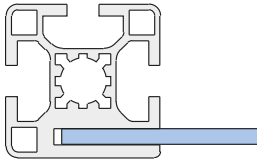
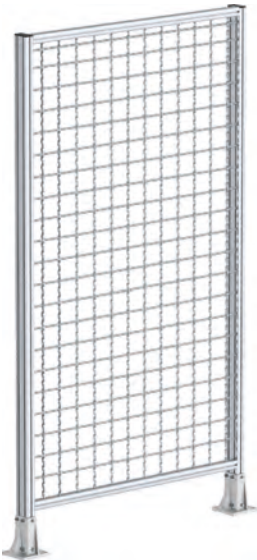
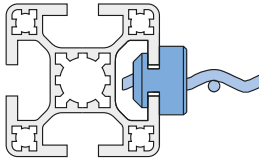
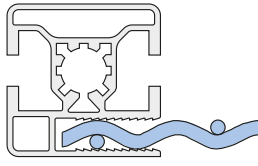
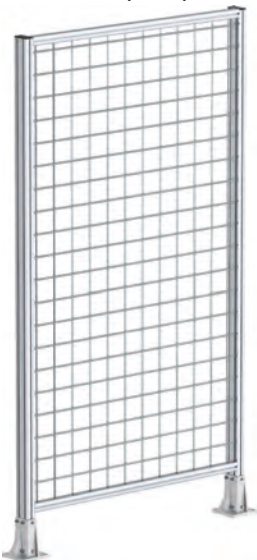
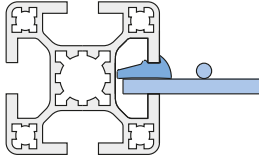
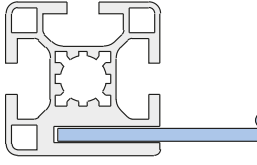
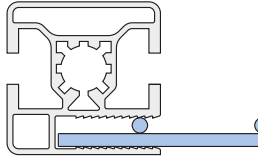
Fastening with angles



Design: Element with frame

Fastening with hanging brackets



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



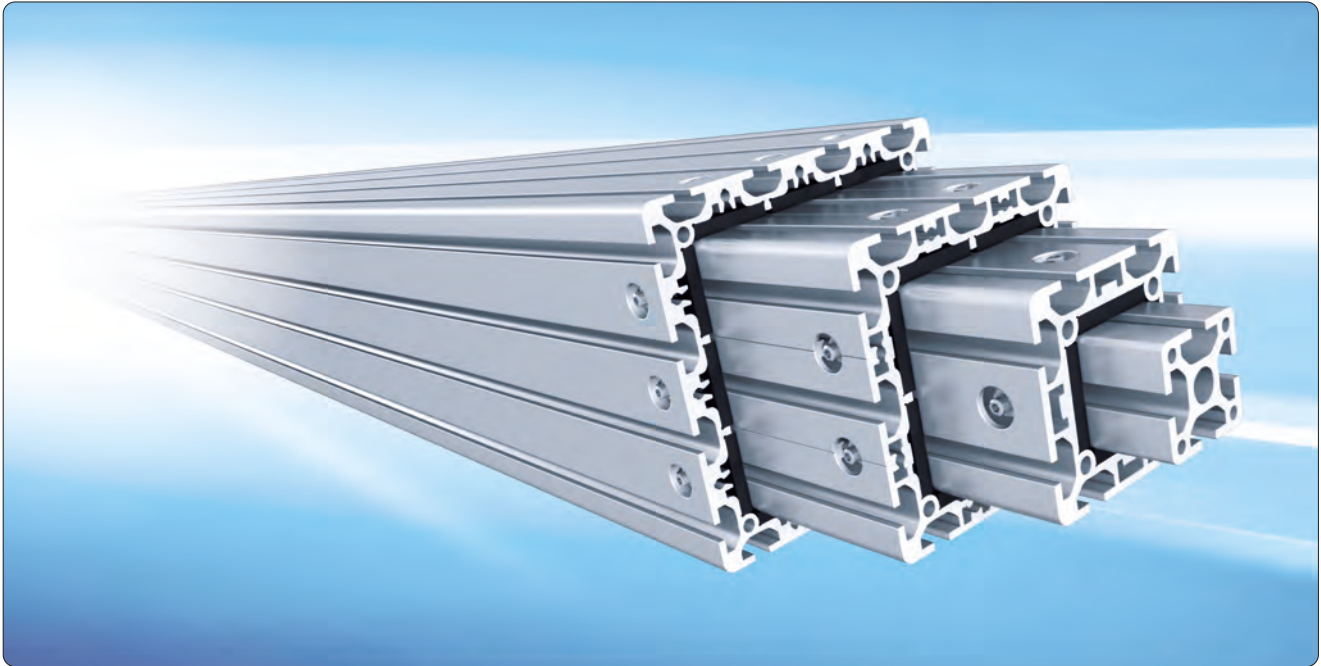
**Safety barrier element:  
without frame**


Element			Post														
Panel element	Frame profile			Mounting			Post profile										
	Standard	Panel	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 transparent	4 mm	•				•	•		•	•	•	•					
			•				•	•					•	•			
				•												•	•
Wire net	alu	3×20×20 mm	•						•	•	•	•					
				•									•	•			
		4×30×30 mm	•							•	•	•	•				
	steel	4×30×30 mm, 4×40×40 mm	•							•	•	•	•				
				•										•	•		
		4×30×30 mm, 4×40×40 mm	•							•	•	•	•				
Welded wire net (steel)	3×25×25 mm	•				•			•	•	•	•					
			•				•						•	•			
	4×40×40 mm	•				•			•	•	•	•					
			•				•							•	•		
Welding protecting glass	4 mm	•				•			•	•	•	•					
			•				•						•	•			
				•												•	•

Safety barrier element:  
with frame



Element			Post												Fastening					
Panel element	Frame profile			Mounting			Post profile						of element							
	Standard	Panel	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	•							•	•	•	•						•	•	•	
		•						•				•	•				•	•	•	
	•							•	•	•	•						•	•	•	
		•							•			•	•				•	•	•	
				•	•				•	•	•	•	•	•				•	•	•
		•						•	•	•	•	•						•	•	•
Welded wire net (steel) 4×30×30 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:

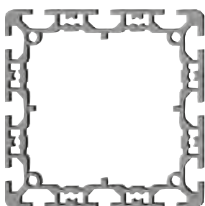
- high flexibility
- high load bearing capability and durability using low weight sections
- modular with simple construction
- compatible with the Maytec Profile system
- uses standard Maytec slots for the mounting of accessories and control elements
- maintenance free and corrosion resistant



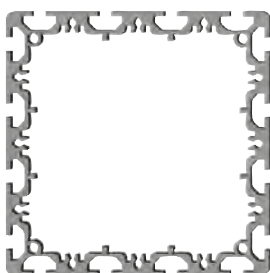
40×40



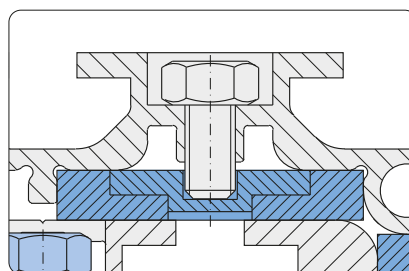
80×80, 8E SP



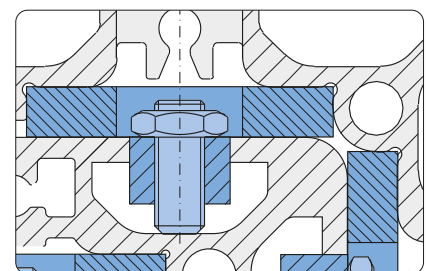
120×120, 12E SP



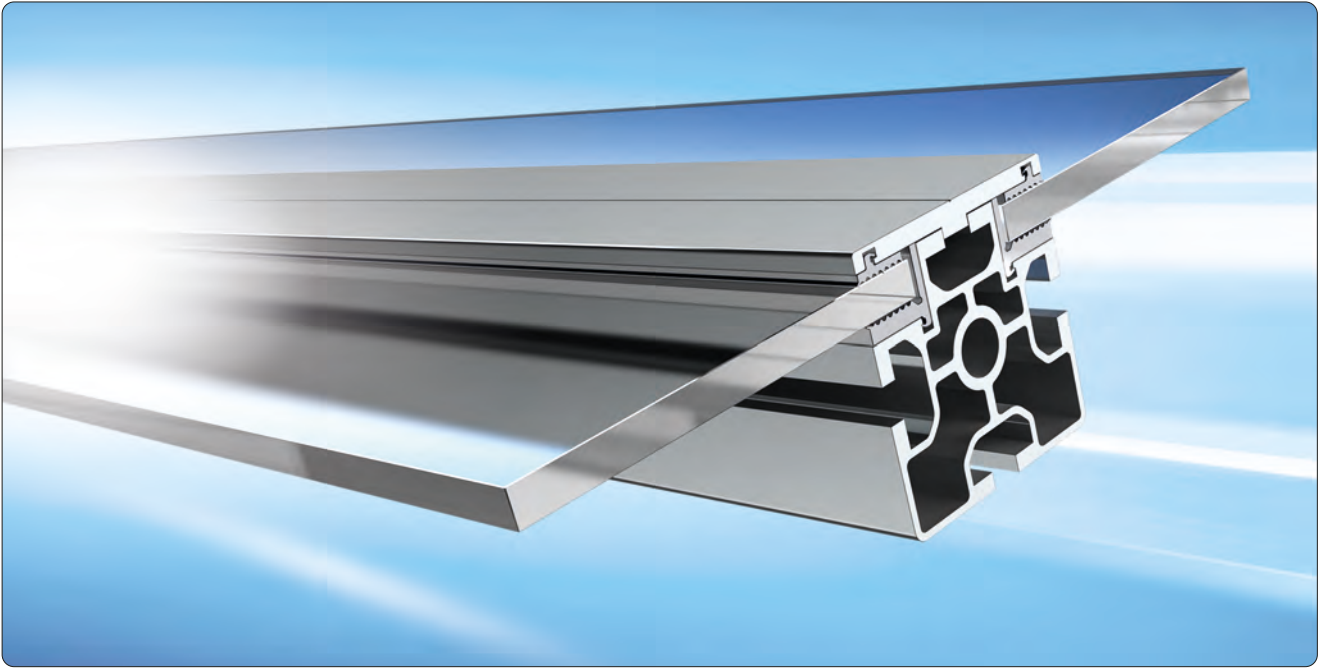
160×160, 16E SP



Sliding block fixed



Sliding block following-on

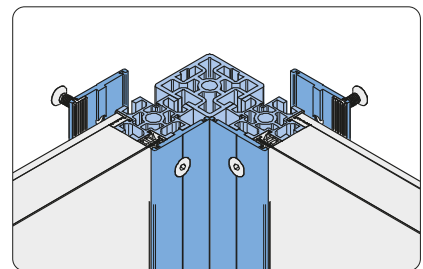
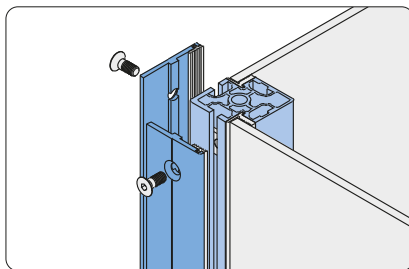
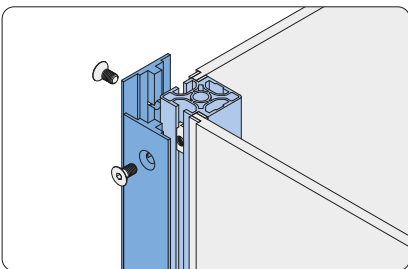
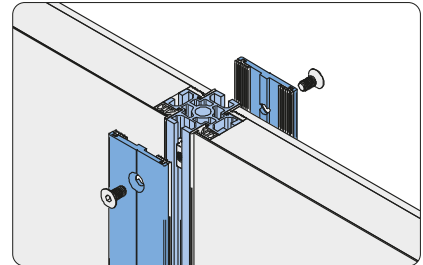
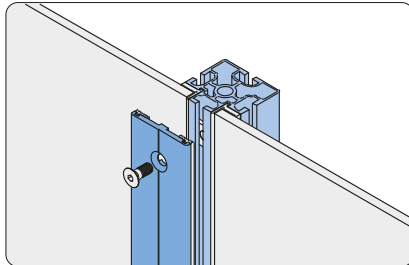
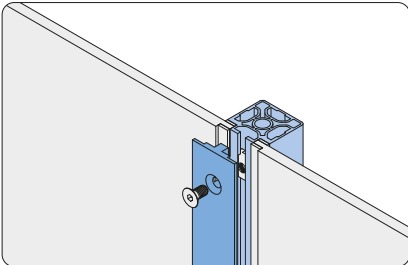


Single sided System

Double sided System

Profiles 45

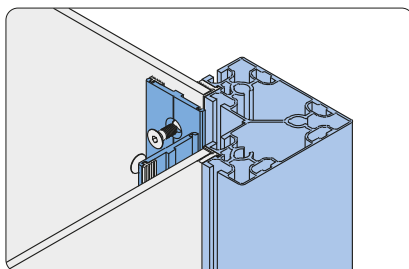
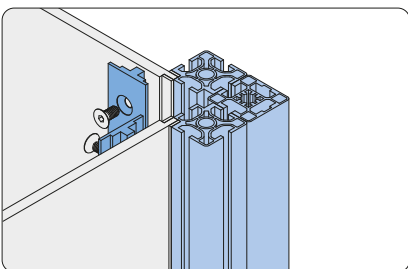
Profiles 60



External corner

External corner

Internal corner, external corner



Internal corner

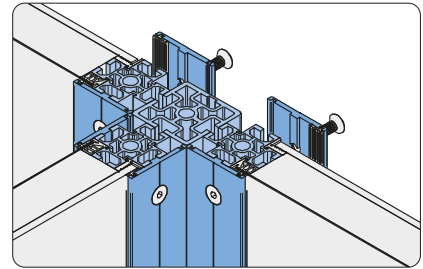
Internal corner

Single sided System

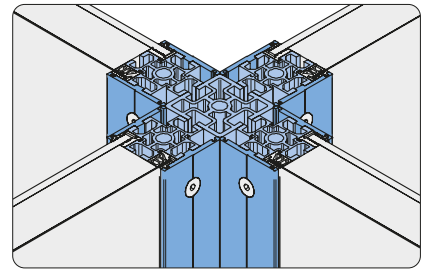
Double sided System

Profiles 45

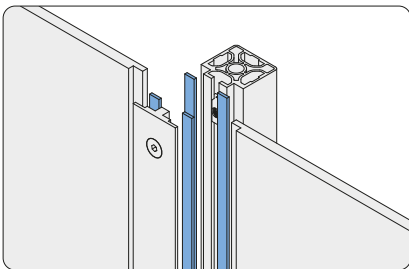
Profiles 60



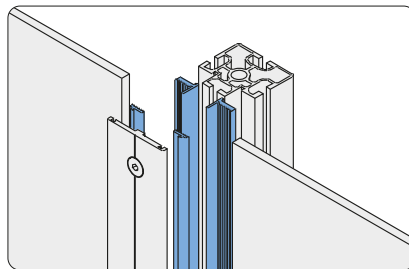
T-connection



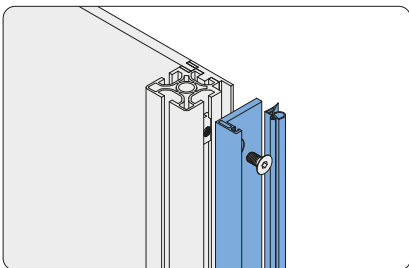
Cross connection



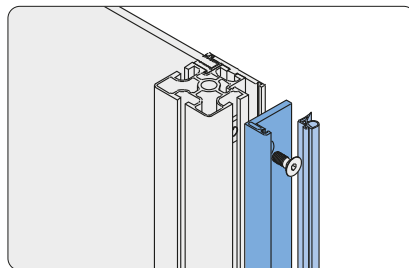
Intermediate element



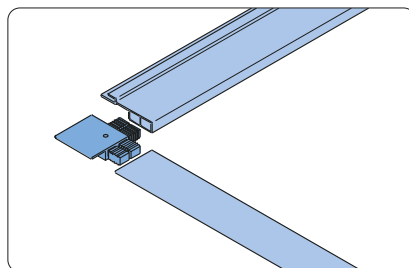
Intermediate element



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:

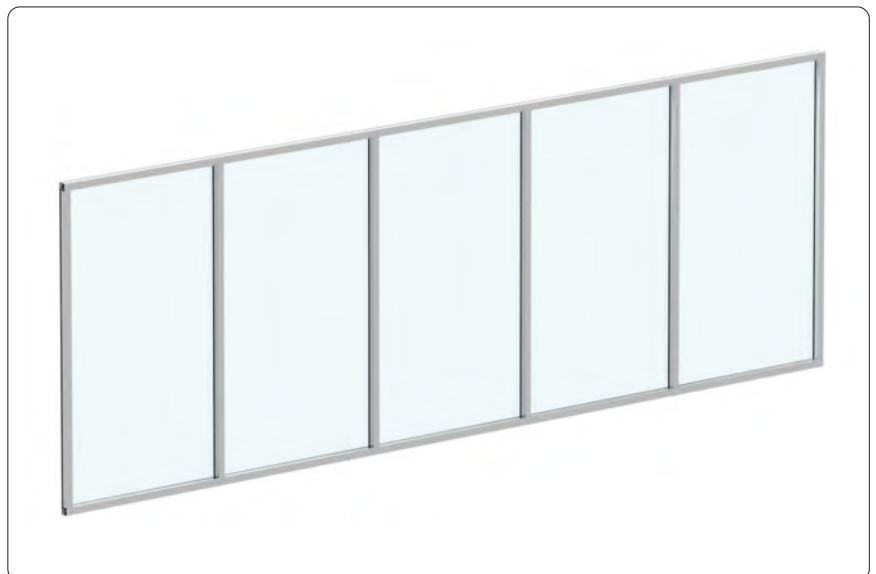
Improvement of the air quality to class F9

Therefore:

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

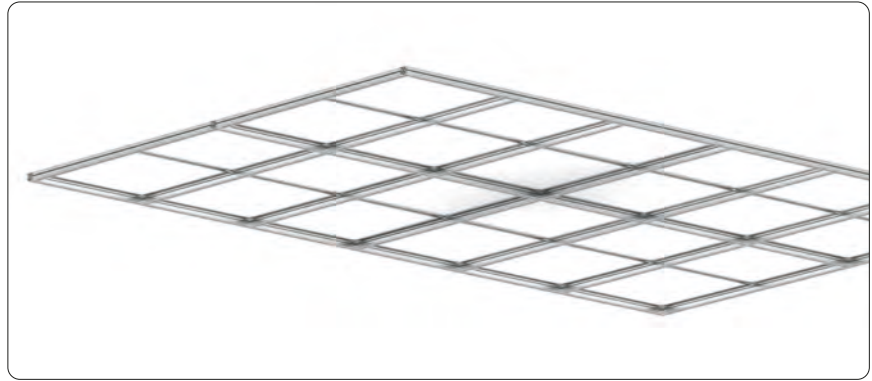
### Wall element

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




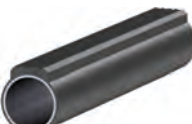












Control terminal (HMI)

### Control terminal (HMI)















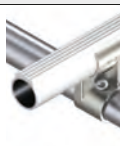







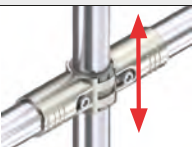
for access control and monitoring filter system

Product group

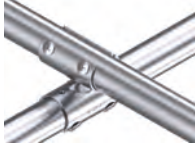










21.11 Pipes											
Steel											
			wall thickness 								
	Version	s [mm]								Description	
 Standard pipe	Standard	0.7	•	•	•	•	•	•	•	Standard pipe Ø28, ABS, 0.7, <i>colour</i>	
		1.0	•	•	•	•	•	•	•	Standard pipe Ø28, ABS, 1.0, <i>colour</i>	
		2.0	•	•	•	•	•	•	•	Standard pipe Ø28, ABS, 2.0, <i>colour</i>	
	ESD 	0.7	•								Standard pipe Ø28, ABS, 0.7, black, ESD
		1.0	•								Standard pipe Ø28, ABS, 1.0, black, ESD
		2.0	•								Standard pipe Ø28, ABS, 2.0, black, ESD
 Slide pipe	Standard	1.0	•	•	•					Slide pipe Ø28, ABS, 1.0, <i>colour</i>	
		2.0				•					Slide pipe Ø28, ABS, 2.0, light grey
	ESD 	1.0	•								Slide pipe Ø28, ABS, 1.0, black, ESD
 Flat pipe	Standard	1.0	•							Flat pipe Ø28, ABS, 1.0, black	
	ESD 	1.0	•							Flat pipe Ø28, ABS, 1.0, black, ESD	
Stainless steel											
											
Aluminium											
 Aluminium pipe Ø28, 2.0											
 Aluminium pipe profile Ø28, 1.5, 1 F-slot											
 Aluminium pipe profile Ø28, 1.5, 2 F-slots, corner											
 Aluminium pipe profile Ø28, 1.5, 2 F-slots											
 Aluminium pipe profile Ø28, 1.5, 3 F-slots											
 Aluminium pipe profile Ø28, 1.5, 4 F-slots											



Product group

<b>21.12 Joints</b>					
<b>Standard joints</b>					
					
E-J 1	E-J 1C	E-J 2	E-J 3	E-J 4	E-J 5
<b>Standard joints overlapping joint</b>					
					
E-J 1L	E-J 4L				
<b>Angle joints</b>					
					
E-J 090	E-J 110	E-J 160	E-J 13	E-J 45	
<b>Hinge joints</b>			<b>Crossover joints</b>		
					
E-J 7	E-J 7C	E-J 14	E-J 6	E-J 6C	
<b>Parallel joints</b>		<b>Pipe extension</b>		<b>Flat pipe joint</b>	
					
E-J 8	E-J 9	E-J 180	E-J 20		
<b>Sliding joints</b>					
					
E-J 12	E-J 17	E-J 18	E-J 24		

Product group

21.12 Connection elements					
Cross connector					
					
PS-A	PS-B				
Pipe extensions					
					
Panel holder					
					
type A	type B				
Slide pipe joints					
					
	with stop	union	with offset	Slide pipe bridge, square	Slide pipe bridge, rounded

Product group

21.M MayConnect: Pipe connectors, inside
























Patent pending







Connection	Connector
<p>Ø28 Pipe ⇨ Ø28 Pipe</p>	
<p>Ø28 Pipe ⇨ Ø28 Pipe</p>	
<p>Ø28 Pipe ⇨ Pipe profile Ø28 (with slot)</p>	
<p>Ø28 Pipe ⇨ Profile (with slot)</p>	
<p>Ø28 Pipe ⇨ Panel element</p>	

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






























## Product group

21.13 Mounting accessories					
Screw-on pipe clamps				Pipe clamps	
					
flush		center	center, sliding	single sided	double sided
Pipe clamps, pipe clips					
					
wide	Pipe clamps PE	Pipe clamps PE, type B	Pipe clips PE	Pipe quick lock	Pipe clip
Plate support		Adaptors			
					
Plate support, corner		Profile adaptor	Profile adaptor 90°	Pipe holder one piece	Profile adaptor two piece
Links, joints		Shock absorber			
					
Roller track link	Table top joint	Shock absorber	Shock absorber clamp		

Product group






21.14 Caps, plugs and threaded inserts					
Caps, plugs				Threaded inserts	
					
End caps	Cover caps	Rubber cap	End plugs	for ABS coated pipes	for stainless steel pipes

Product group

21.15 Feet, castors and footplates					
Slip on feet			Threaded feet		
					
round	square	flat		with rubber pad	square
Castors, Blickle					
					
Fixed castors	Swivel castors	Swivel castors lockable			
Castors, Tente					
Series 2A		Series 2B			
					
Swivel castors	Swivel castors lockable	Fixed castors	Swivel castors	Swivel castors lockable	
Series 2C		Series 2D			
					
Swivel castors	Swivel castors lockable	Swivel castors	Swivel castors lockable		
Castors			Footplates for pipes		
					
Clamping bushes	Locking foot for castors	Castor mounting sets	Spacer plate	corner	corner left
Footplates for pipes			Forklift guides		
					
corner right	center with post	Screw-on element for castors with bolt hole		narrow	



## Product group


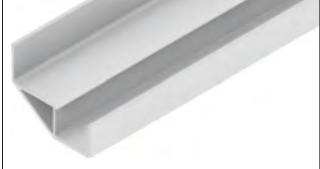
21.16		Roller track	35	40	60	85
	Summary					
		Standard	•	•	•	•
		low noise (In)		•		
		flat	•	•		
		Edge roller		•		
		low noise (In)		•		
		with offset	•			
	Side guiding profile					
		PE	•	•		
		with offset	•	•		
	Roller track					
		- support	•	•	•	•
		with stop		•	•	•
		with offset	•	•	•	•
		with return stop		•	•	
		- extension	•	•	•	•
		- overlay		•	•	•
		- bridge	•	•		•
		Adapter bridge		•		
	Mounting clamp	•				
	Roller track brake					
		Standard		•		
		flat	•			
		Edge roller		•		













Center guiding profile - for all roller tracks		mounting on:	
		PE	Roller track support 35
			Roller track support 40
		Alu	
			Slide pipe supports











Product group




Roller track 35	
Type of roller	
Standard	
with offset	






























Side guiding profile for roller track 35	
PE	
with offset	

35	Ø28	profile 40
Roller track		
- support		
round		
with offset		
type B		
round		
Mounting clamp		
- extension		
- bridge		
Adapter for roller track support 40		

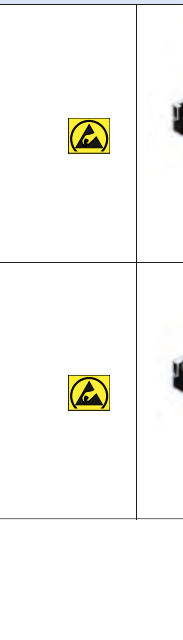

Product group












Roller track 40			Roller track brake 40	
Type of roller		low noise (In)		
Standard				
flat				
Edge roller				

Side guiding profile for roller track 40		
PE		
with offset		<p>Extension clip for side guiding profile with offset</p> 

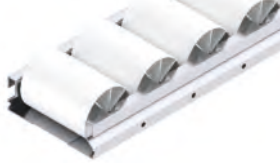
40	Ø28			Ø33	profile 40	
Roller track					 hinged	
- support		bracket left 	bracket right 			
with stop		bracket left 	bracket right 			
front						
type B						
with offset						
with return stop						
- extension						
- overlay		short 				
- bridge		round 				
Adapter bridge						







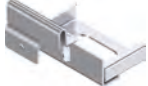
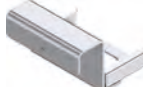




Product group

Roller track 60	
Type of roller	
Standard	
flat	











60	Ø28	Ø33
Roller track		
- support		
with stop type B		
with offset		
with return stop		
- extension		
- overlay		

Product group



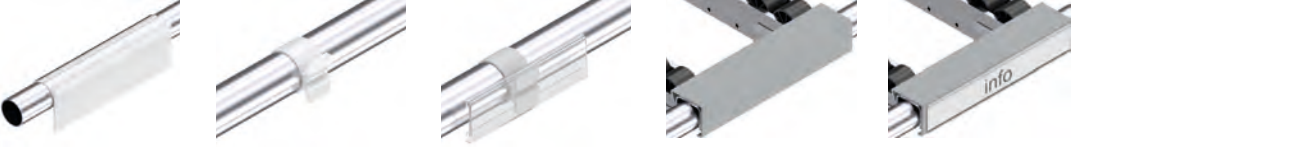
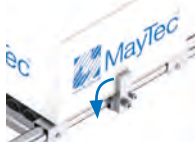







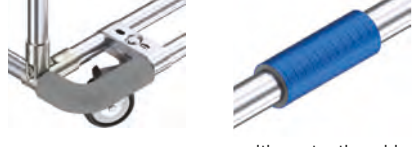
Roller track 85	
Type of roller	
Standard	

85		Ø28	
Roller track			
- support		bracket left 	bracket right 
with stop			
rear			
type B		bracket left 	bracket right 
with offset			
- extension			
- overlay		short 	
- bridge			

Product group

Center guiding profiles for all roller tracks		
PE  		<b>Mounting:</b> on roller track support 35 
		<b>Mounting:</b> on roller track support 40 
Alu  		
		<b>Mounting:</b> on slide pipe support 







Product group

21.17 Accessories					
<b>Pipe collars, sleeves</b>  <p>Plastic pipe collars      Sleeves      Bolted pipe collar</p>			<b>Labeling</b>  <p>Pipe hanger      Label holder      Label holder</p>		
<b>Labeling</b>  <p>Label bar      Label clip      Label strip 32      Sticker bar      Label bag</p>					
<b>Position retainer</b>  <p>63      98      clip, double-sided</p>			<b>Stopper</b>  <p>stop</p>		<b>Roller fixture</b>  <p>single-sided      double-sided</p>
<b>Bushings</b>  <p>Roller bushings      Ball castors</p>		<b>Tool and device holder</b>  <p>Tool holder      Multiple tool holder      Device holder      Tool holder for cordless screwdriver</p>			
<b>Tool, device and bottle holder</b>  <p>Tool holder for cordless pistol nutrunner      Drink holder with mounting plate      Bottle holder</p>			<b>Hooks</b>  <p>24      42      100</p>		
<b>Hooks</b>  <p>Ring hook      Hang up hook      Sliding hook      Sliding hook, PA</p>				<b>Tilt rails</b> 	
<b>Profiles</b>  <p>Pipe cover      Cable duct</p>		<b>Protective hose</b>  <p>with protective skin</p>			

Product group






21.18 Panel elements

Panel elements

					
Chipboards	Solid plastic panels	Alu-plastic composite panels	Structured-core panels	Edge protection	Polycarbonat (Makrolon)



Product group

21.99 Screws and nuts, tools					
Screws and nuts		Tools			
					
		Pipe cutter for ABS coated pipes	Pipe cutter for stainless steel pipes	Pipe deburrer	Step drills for cross bushing

Material trolley, stainless steel

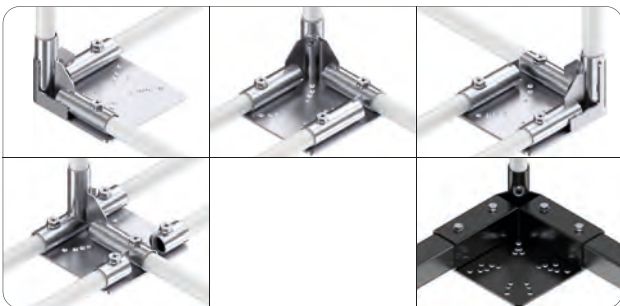




Steel pipes Ø28, steel pipe square



Profiles 40, 45



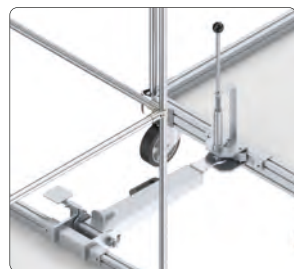
Footplates for pipes and square



Castors



Corner protector



Drawbars and couplings





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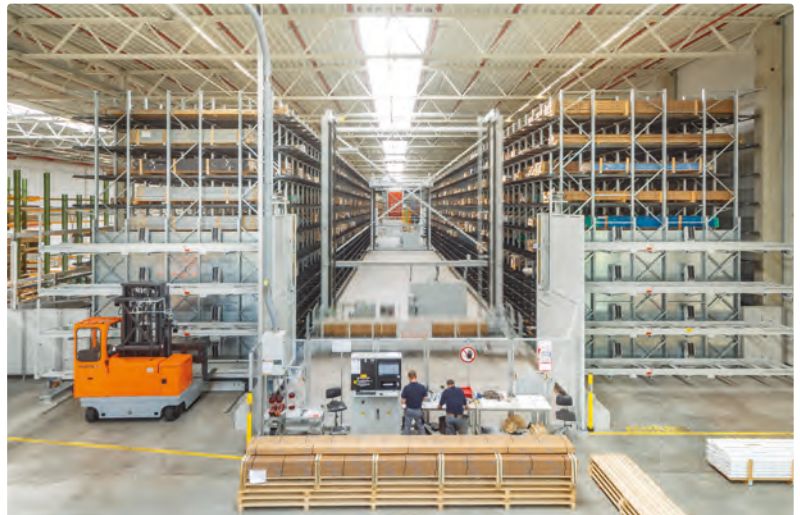
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Germany, D - 82140 Olching, 2023



MayTec GmbH plant in Olching



Accessory storage



Stock of aluminium profiles



Panel storage



Profile machining

The key ...

to success

universal

efficient

functional

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