

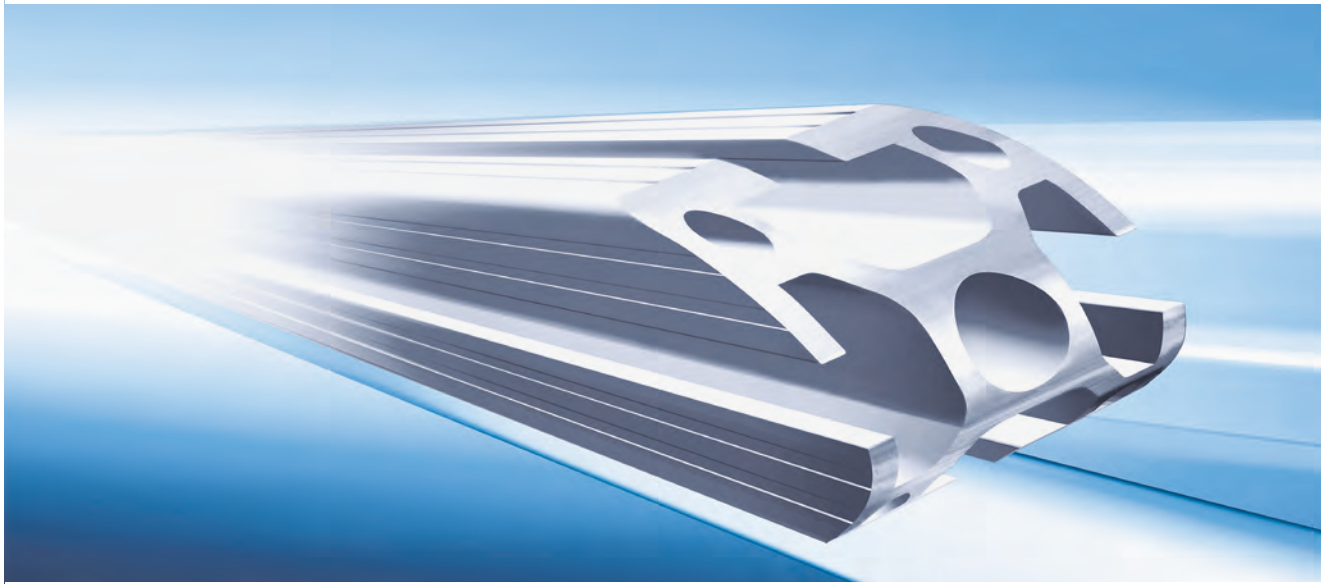


» The Dust Protection System

GB
1/2023

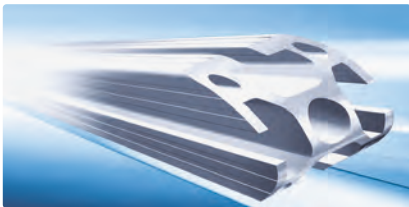
 MayTec®

The key ...



» The Profile System

powered by
MayCAD
Design Software



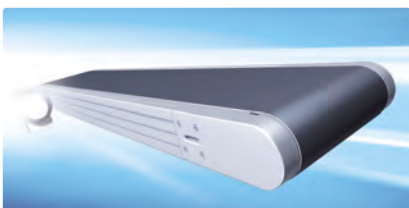
The Profile System



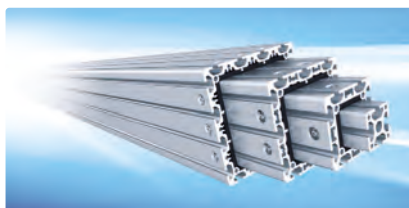
The Clean-Room System



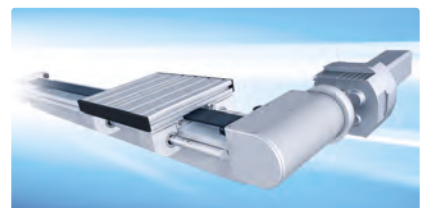
The Tube Clamping System



The Conveyor System



The Telescopic System



The Linear System



The Personnel Transfer System



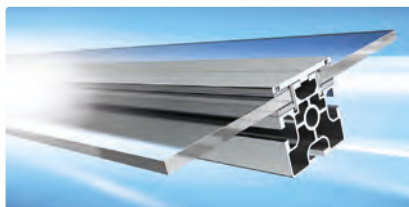
The Skid Transfer System



The Dust Protection System



Safety Barriers

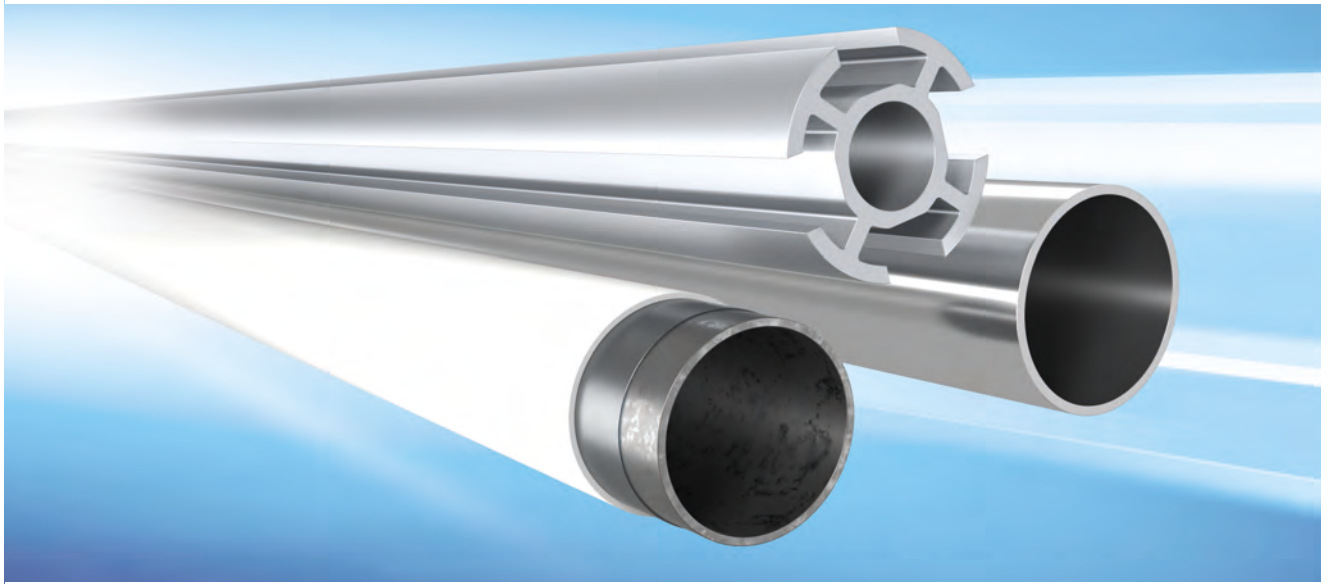


The Modular Wall System



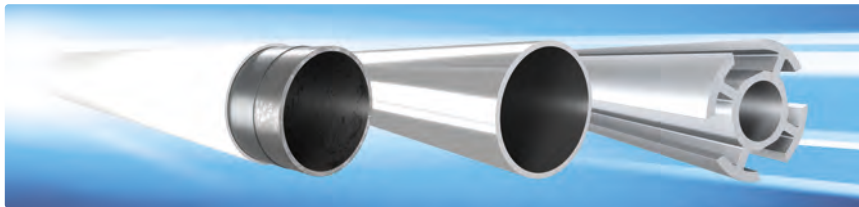
Noise Resist

... 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


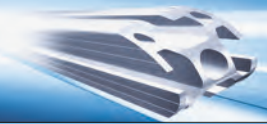
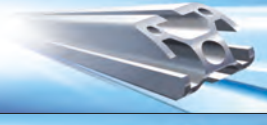


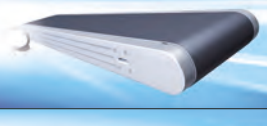

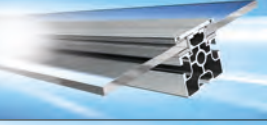


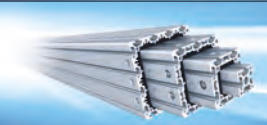

Implementation

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

	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>

Dust protection for automotive paint shops

Advantages for paint shops

1. Improvement of the air quality to class F9
2. Increase of the "first run" rate
3. Reduction of rework due to dust
4. Reduction of cleaning time
5. Increase worker safety



Daimler project Ludwigsfelde paint shop model "Sprinter" - NCV3

Enclosure of materials handling
over 3 production floors

Enclosed floor space	4,200 m ²
Length of wall section	1,300 m
Glass area	4,600 m ²



Porsche project Zuffenhausen paint shop model "Porsche 911"

Enclosure of materials handling
over 4 production floors

Enclosed floor space	4,800 m ²
Length of wall section	1,750 m
Glass area	5,100 m ²



Porsche project Leipzig paint shop model "Porsche Macan"

Enclosure of materials handling
over 4 production floors

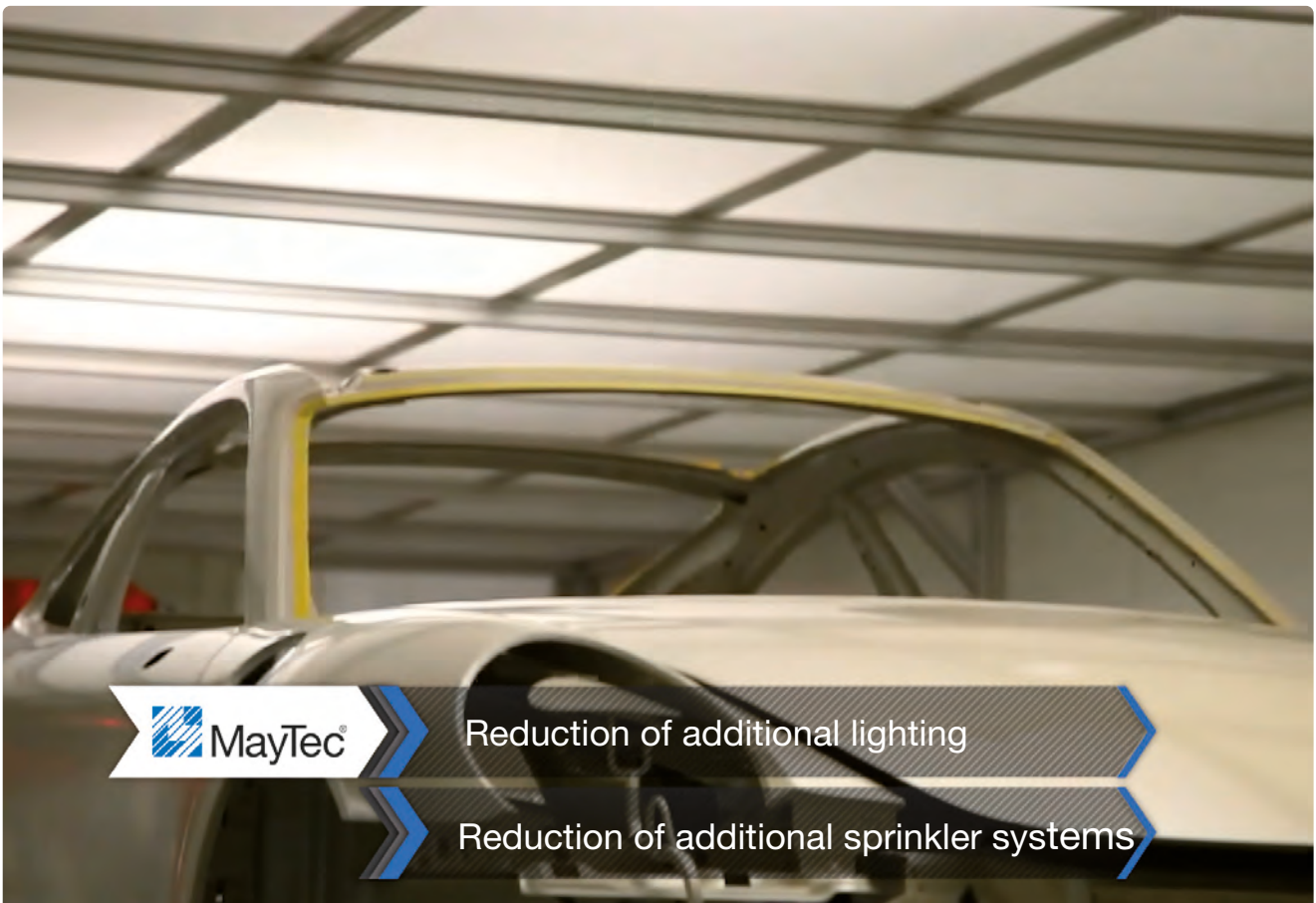
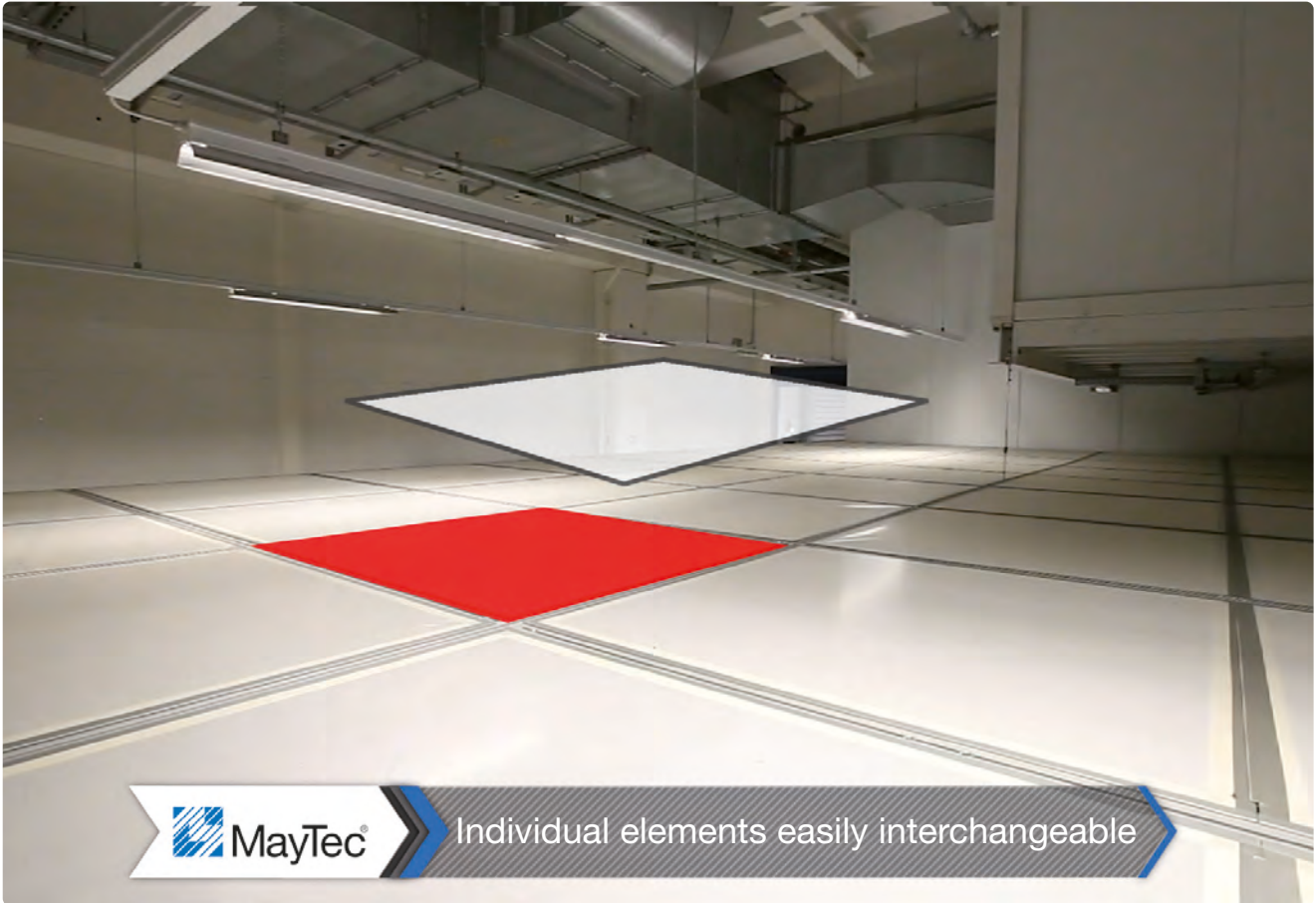
Enclosed floor space	16,000 m ²
Length of wall section	2,100 m
Glass area	7,500 m ²





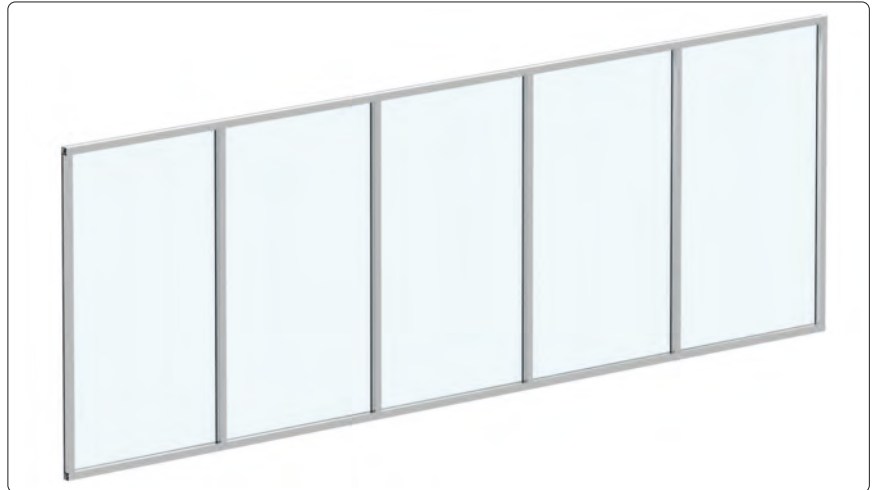






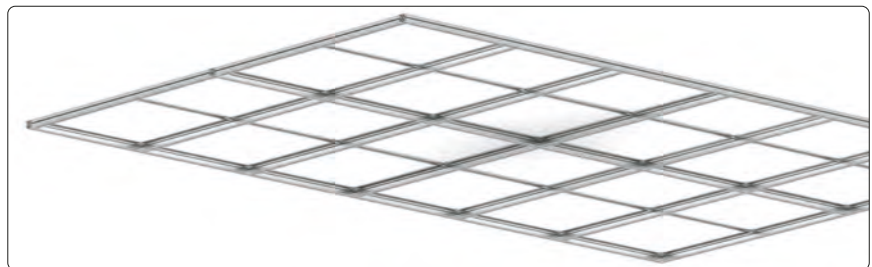
Wall element

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



Test environment

Frame: MayTec Glass Panel Profiles

Panel element: ESG single layer safety glass - 8 mm

Test conditions

Test load **100** kg

Impact speed **20** km/h

Impact energy **1,600** Joule

Imprint

Subject to technical modification.

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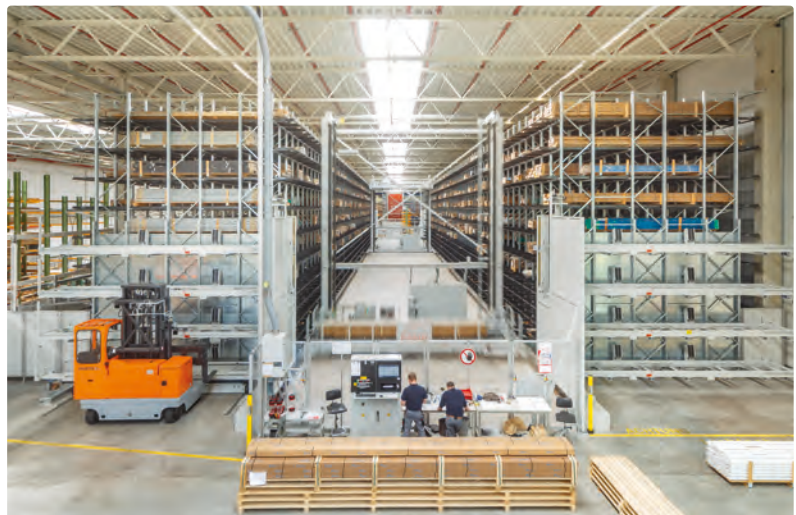
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Germany, D - 82140 Olching, 2023



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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MayTec distributor