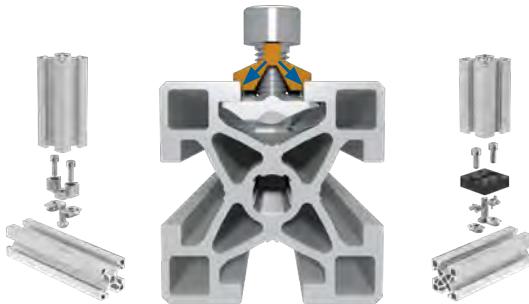




**INGENIOUSLY SIMPLE  
SIMPLY INGENIOUS**

**The world's simplest, fastest and most flexible Modular Automation System**



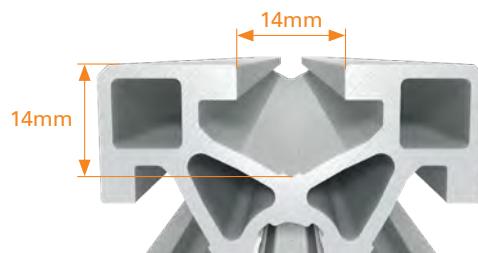
## The play-free Fastening Technology

### Facts:

- Worldwide unique form-fitting and play-free centrally aligned Fastening Technology
- Connect without drilling and milling
- Two-sided connection with only one fastener

### Benefits:

- Outstanding process reliability and 100 % repeatability
- Short design and assembly time easy, post-assembly repositioning
- Strength comparable to welded connection



**INGENIOUSLY SIMPLE**  
**SIMPLY INGENIOUS**

## The 14 mm uniform slot size Extrusion System

### Facts:

- Extra large, 14 mm uniform T-slot
- Concave extrusion surfaces
- Tubular Honeycomb structure

### Benefits:

- Compatibility of the entire Extrusion Technology, process reliability due to thread depth as per standard
- Lifelong vibration resistance
- Outstanding torsion and load resistance

***One system.***  
***Many possibilities.***

The unique 14 mm uniform T-slot in our Extrusion System allows you to customize solutions for every requirement: From Conveyor Technology to Safety Fence, Linear Motion and Material Handling Systems. Simple, fast and flexible.



*simpler*



*faster*



*more flexible*

## **INGENIOUSLY SIMPLE** **SIMPLY INGENIOUS**

***“Make it easy  
for yourself!”***

***No matter what you are planning – with  
our flexible Modular Automation System,  
you are guaranteed to succeed in every  
project quickly, easily and safely.***

“More with less” is the philosophy of Robotunits. We have developed our Modular Automation System with this in mind. This is because we are convinced that it is not the number of components that is crucial. It is much more important that they are individually fully developed, perfectly matched to each other and thus fully compatible. Whether in design, logistics, assembly or storage: The Robotunits Modular Automation System guarantees you maximum possibilities with minimal components. Even saving time and costs will become as easy as child's play for you. Get started!



Conveyor Technology



Linear Motion System



Material Handling System  
PickStar



Extrusion and  
Fastening Technology



Safety Fence System



Multifunctional Accessories

## ***The precise linear motion technology for individual needs***

The Robotunits Linear Motion Technology consists of our Extrusion and Fastening Technology, as well as a hardened guide rail and is used to transport, move, or push products. The quick and modular system saves time in design and assembly.

## **The custom-made Linear Motion System**



### **Facts:**

- Simple, modular design based on the 50 mm series, Lengths up to 12 m possible
- Compatible and integrated with the entire Modular Automation System
- Hardened guide rails allow heavy loads

### **Benefits:**

- Cost-effective, individually customizable Linear Motion System
- Short design, assembly and lead times
- High wear resistance and smooth and quiet operation

## **The easily constructed Safety Fence System**



### **Facts:**

- 2 individually applicable systems
- 4 standard sizes
- Impact tested up to 80 kg at 10 km/h

### **Benefits:**

- A customized solution for any application
- Optimal price/performance ratio and short delivery times
- Meets machinery safety standards

## ***High machine security with the Safety Fence System***

The Robotunits Safety Fence System offers maximum flexibility and saves time in design and assembly. Order completely pre-assembled panels, install them quickly and easily.

## Fastest delivery time with highest quality

Quick and easy. Individually configurable: Belt type, conveyor speed, and position of the drive. Complete your Belt Conveyor with a rigid support stand, flexible side guides and other components from our Modular Automation System.

## The just-in-time Belt Conveyor for individual requirements



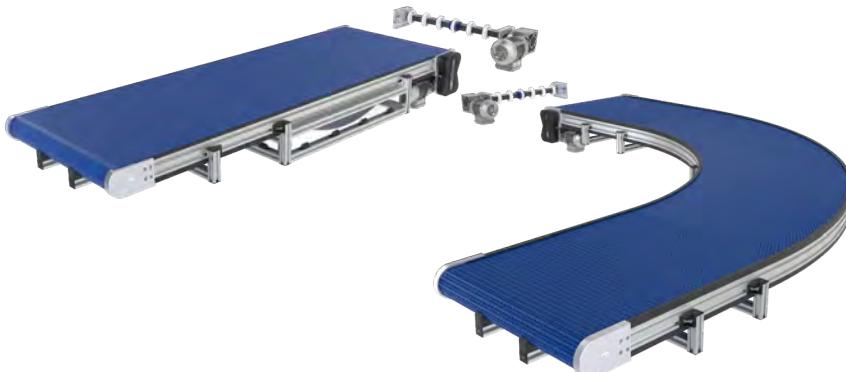
### Facts:

- Choice of dimensions, belt properties, belt speed as well as drive and idler options
- 5 day lead time for express delivery
- Configure online and download CAD data

### Benefits:

- Outstanding price/performance ratio for customized solutions
- Quick deployment and quick return on investment
- Time savings for quoting, design and purchasing

## The robust Modular Belt Conveyor



### Facts:

- Flexible layout
- Modular belt catenary sag with safety cover
- Belt guide and sprocket ensure belt tracking

### Benefits:

- Combinations of straight, curved and inclined sections possible - great flexibility
- No pinch points
- Lateral push-off of products possible, low maintenance

### ***Straight, curved and inclined sections with just one drive***

Our Modular Belt Conveyor is ideally suited for heavy-duty operation; the transport of parts with sharp edges or heavy loads. With only one drive, combinations of straight, curved and inclined sections are possible. The slim design enables accumulation or lateral push off of products.

## Customized and ready for immediate use

With the Robotunits 24V Powered Roller Conveyor, your goods are transported gently according to your individual requirements. Our multi-faceted system is ideal for the zero-pressure accumulation conveying of goods, boxes or other containers. Thanks to completely pre-installed control electronics, the Powered Roller Conveyor can be used immediately.

## The plug-and-play Powered Roller Conveyor



### Facts:

- Variety of roller conveyor modules
- Plug-and-Play, fully integrated controls
- Poly-V belt power transmission with integrated safety cover

### Benefits:

- Modular layout allows for zero-pressure, energy efficient conveying in all directions
- Immediate deployment, cost and time efficient
- Safe and low maintenance

## The precise and powerful Timing Belt Conveyor



### Facts:

- V-guide for lateral forces
- Multiple lane options available
- Consistent belt tension due to patented belt tensioner

### Benefits:

- Precise belt tracking
- Conveying of different sized products possible - subsequently adjustable and expandable
- Simple and cost-effective maintenance

### Precise and durable in every situation

The Robotunits Timing Belt Conveyor transports bulky or heavy parts precisely and powerfully. The V-guided belt ensures perfectly straight tracking. The belt surface can be selected individually. A connection shaft makes it easy to achieve multi-lane setups.

## Flexible in any direction

No matter in which direction you want to go: The safe and compact Transfer Unit transports your product or material at an angle of 90° in a space-saving manner in both directions. The Turntable with its infinitely variable turning range can be configured from 0 – 270° and guarantees the distribution of conveyed goods in the correct position.

The Lift Station makes conveying on two levels as easy as child's play.



### Transfer Unit 90°

- Transfer angle: 90° on both sides
- Secure, compact system
- Subsequent assembly possible



### Turntable

- Rotation range: freely configurable from 0° - 270°
- Individual and correct distribution of conveyed goods
- Can be combined with roller, belt, timing belt and modular belt conveyors



### Robotunits Lift Station

The variable Robotunits lift station enables the energy-efficient transport of conveyed goods on two levels within industry and production.

## The versatile MBS PickStar



### Facts:

- Few multi-functional components, rolling or sliding depending on requirements
- Safe and strong frame design utilizing the Modular Automation System
- Track width and incline angle are easily adjustable

### Benefits:

- Variety of applications, short assembly time
- Permanent process reliability
- Great flexibility, minimum effort

### Your parts ready at all times

Maximum flexibility in material flow and handling: The MBS PickStar impresses with just a few multifunctional components for a wide range of applications and is particularly quiet. This keeps your production running at full speed.



***Simply faster, simply flexible,  
simply more success!***

Efficiency, flexibility and speed are increasingly crucial for economic success.

At Robotunits we give 100 % to ensure that our customers always have a head start in terms of delivery, design and assembly times. This is guaranteed by our unique Modular Automation System, which offers a maximum of possibilities and advantages with a minimum of components. In terms of flexibility, variety, design and assembly, we satisfy the highest technical demands and offer enormous savings potential.

This means that our customers not only enjoy their work more, but also quite simply enjoy more success.



***Outstanding Quality***



***Uncompromising Service***



***Fastest Delivery Times***

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