



MiniTec A few facts

THE ART OF SIMPLICITY

MiniTec has continuously developed from a specialist for miniature guides continuously to a leading technology company and special machine builder

Today, 420 experts at 11 locations in Germany, France, the USA, the UK, Spain, Slovenia and China develop customized solutions for our customers. At the same time, more than 60 partners worldwide provide reliable service and expert advice.

Our solutions are just as individual as our customers' requirements. As a full-service manufacturer, we use our design system to implement intelligent systems and special machines for a wide variety of tasks in all major industries: from automotive, chemicals and electrical engineering to energy supply, aerospace, mechanical engineering, and the metal and pharmaceutical industries. In line with the high technical standards, the motto for our complete solutions is: The Engineers Choice.

 **1986**
founded

 **420**
Employees
280 in Germany

 **60**
Sales and Service partner
around the world

 **Entrepreneur Award**
„Innovativer Mittelstand“
Award
„Attraktiver Arbeitgeber
Rheinland Pfalz“
Honorary award
of the region Westpfalz

 **11**
Locations
Germany, France, United
Kingdom, Slovenia, Spain,
USA, China

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MiniTec partners worldwide

Australia | Austria | Belgium | Bosnia and Herzegovina | Brazil | Bulgaria | Canada | China | Croatia | Czech Republic | Estonia | Finland | France | Greece | Hungary | India | Italy | Latvia | Liechtenstein | Lithuania | Luxembourg | Macedonia | Malaysia | Mexico | Montenegro | Netherlands | New Zealand | Poland | Portugal | Romania | Russia | Serbia | Singapore | Slovakia | Slovenia | South Africa | Spain | Sweden | Switzerland | Turkey | Ukraine | United Kingdom | USA | Vietnam



**KANBAN AS YOU
NEED IT**

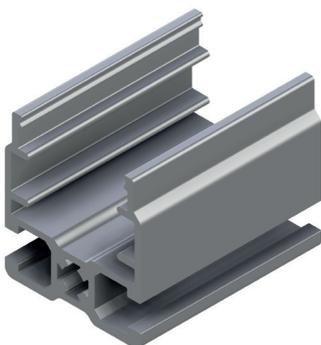
FRS Flexible roller support system



KANBAN AS YOU NEED IT - WITH THE FLEXIBLE ROLLER SUPPORT SYSTEM FRS

Kanban has established itself as a method of process control in many areas. Based on the pull principle, the process is oriented to the actual consumption of materials at the point of supply and consumption. It is based on self-controlling control loops and helps to significantly reduce inventories of intermediate products.

MiniTec enables you to implement Kanban at the assembly workstation using various systems. The FRS (Flexible Roller Support System) is a particularly variable solution. This is a modular system for the implementation of MiniTec designs for material supply via rollers.



Profile 45 FRS
20.1152/0

ONE FITS ALL: THE PROFILE 45 FRS

The basis is the special MiniTec profile 45 FRS, which is compatible with the standard MiniTec profile series. It has a holding device for different types of rollers. Accordingly, you can configure the material supply at the workplace individually according to your requirements - and adapt or convert it at any time should your needs change!

FOR EACH TASK THE RIGHT ROLE

Suitable roller inserts are available for large and heavy materials as well as for smaller transport goods. If there is a risk of lateral slippage, rollers with side guides are available. If materials are also to be moved sideways, there is a special ball caster element. Complete roller strips are available for bridging longer distances - this saves you having to string together individual roller elements. All roller inserts are suitable for ESD applications (there is a choice of roller strips).



Roller bar with
cylindrical rollers
32.0550/0



Roller bar ESD with
cylindrical rollers
32.0555/0



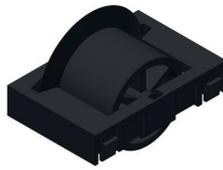
Roll bar with
Wheel flange rollers
32.0560/0



Roll bar ESD with
Wheel flange rollers
32.0565/0



Roller element 50 D28-Z-FRS
32.0683/0



Roller element 50 D28-S-FRS
32.0684/0



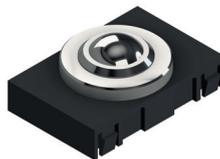
Roller element 33 D28-Z-FRS
32.0685/0



Roller element 50 D26-3R-FRS
32.0686/0



Roller element 50 D9-5R-FRS
32.0688/0



Ball caster element
50-D16-FRS
32.0689/0



Sliding profile-FRS
32.0691/0

KEY FEATURES

- Compatible with the standard profile series
- Individual material supply at the workplace
- Roller inserts for transport goods of any kind
- Extensive range of accessories



SUITABLE ACCESSORIES FOR YOUR INDIVIDUAL SYSTEM

To match the wide range of roller types, the FRS also offers a comprehensive range of accessories - from covers to protect against contamination to transition pieces for height compensation and backstops. As you can see, it has never been easier to implement Kanban in your assembly. We will be happy to answer any questions you may have regarding the appropriate configuration of your FRS system!



Cover cap 45 FRS
22.1187/0



Mounting bracket 45 FRS
32.0662/0



Mounting bracket
with stop
32.0663/0



Backstop-50-FRS
32.0690/0



Spacer with stop short FRS
32.0693/0



Spacer with stop long FRS
32.0694/0



End piece-10-FRS
32.0687/0



Transition piece-FRS
32.0692/0



Cover 45 FRS-G
32.0661/2



Cover 45 FRS-Z
32.0661/1



Cover 45 FRS-S
32.0661/0

NOTE

When combining the components, it should be noted that they have different heights. Accordingly, only those elements should be combined that are compatible in terms of height. Differences can also be compensated for, for example by using a transition piece. It is also possible, for example, to adjust the installation position of the slide profile to the desired system height.