The right handling system in just minutes – with the Handling Guide Online

Configure and order your standard handling system in record time with the new online tool. Just enter the most important data from your application and you will immediately receive suitable suggestions.

Fast
• The right handling system in just 20 minutes
• Including CAD model
• Your price is shown immediately

Efficient
• Significant reduction in the amount of engineering work required
• No detailed product knowledge necessary

Intuitive
• Easy operation
• Structured data prompts

1st step: Choose the type of handling system and enter your application data. The tool calculates appropriate handling systems, including price.

2nd step: Select the most suitable handling system from the list of suggestions. The correctly configured CAD model and the data sheet with all the relevant information are immediately available for download.

3rd step: Add the selected handling system to your shopping basket and confirm your order. Festo will deliver a ready-to-install system, including all user documentation in accordance with the EC Machinery Directive, as quickly as possible.

Find out more about the Handling Guide Online
The engineering tool for designing, configuring and ordering your standard handling system.

Benefit from our expertise
Do your requirements go beyond standard handling systems?

Send request
Enter your application data in the Handling Guide Online and send it to our experts with a single mouse click.

Individually developed
Our project engineers will develop an optimum solution, precisely tailored to your specific requirements.

For full flexibility with loads, dynamic response, working space and mechanics.

Find out more about the Handling Guide Online
The engineering tool for designing, configuring and ordering your standard handling system.
Save time and money with standard handling systems

Festo provides ready-to-install standard handling systems in a complete package including energy chain, connection technology and the appropriate drive package. This allows you to concentrate on your core business and increase your productivity.

Benefits at a glance

- Economical
  - Minimum engineering work
  - Reduced time and effort for logistics, installation and commissioning

- Everything from a single source
  - Hardware, software, service
  - With the right drive package

- Ready-to-install
  - Completely assembled, pre-adjusted, all tubing and wiring fitted and fully tested
  - Including all user documentation according to EU directive

- Versatile
  - Solutions for a wide variety of applications
  - Electric, pneumatic or a combination

- Reliable
  - Tried and tested standard axes
  - Perfectly coordinated components
  - Global after sales service

Single-axis systems YXCS
For any single-axis movement.

Axis types:
- EGC-TB/EGC-HD (all sizes)

Motor types:
- EMMS-AS 40/70/100/140

Motor controllers:
- CMMS-AS / CMMP-AS-M3

Standard strokes:
- up to 3000 mm

Linear gantries YXCS
For 1- or 2-dimensional movements in the vertical working space.

Axis types:
- EGC-TB/EGC-HD (all sizes)

Motor types:
- EMMS-AS 40/70/100/140

Motor controllers:
- CMMS-AS / CMMP-AS-M3

Standard strokes:
- up to 3000 mm

Linear gantries YXCL
For two-dimensional movements in the vertical working space.

Axis types:
- Y module: EGC-TB/EGC-HD (all sizes)
- Z module: EGC-BS/DGEA/EGSL/DGSL

Motor types:
- EMMS-AS 40/70/100/140
- EMMS-ST-28 (for EGSL-35)

Motor controllers:
- CMMS-AS / CMMP-AS-M3

Standard strokes:
- Y module: up to 3000 mm
- Z module: up to 800 mm

Planar surface gantries YXCS
For 1- or 2-dimensional movements in the horizontal working space.

Axis types:
- EGC-TB/EGC-HD (all sizes)

Motor types:
- EMMS-AS 40/70/100/140

Motor controllers:
- CMMS-AS / CMMP-AS-M3

Standard strokes:
- up to 3000 mm

Three-dimensional gantries YXCR
For 3-dimensional movements in the working space

Axis types:
- X module: EGC (all sizes)
- Y module: EGC-TB/EGC-HD (all sizes)
- Z module: EGC-BS/DGEA/EGSL/DGSL

Motor types:
- EMMS-AS 40/70/100/140
- EMMS-ST-28 (for EGSL-35)

Motor controllers:
- CMMS-AS / CMMP-AS-M3

Standard strokes:
- X module: up to 3000 mm
- Y module: up to 2000 mm
- Z module: up to 800 mm

Good to know:
- Same design as 3D gantry, only without Z module

Planar surface gantries YXCL
For two-dimensional movements in the horizontal working space.

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A perfect match

Festo provides ready-to-install handling systems with individual components that match one another perfectly. The Handling Guide Online takes on the task of selecting the right combination of components for you.

You receive an optimal combination of kinematics, gear units, motors and motor controllers, simply and reliably.

Additional information:
www.festo.com/handling-guide

Axles
Motor
- Steel bearings

Motor controller
- Compatible with
  - CMMP-AS
  - CMMP-AS-M3