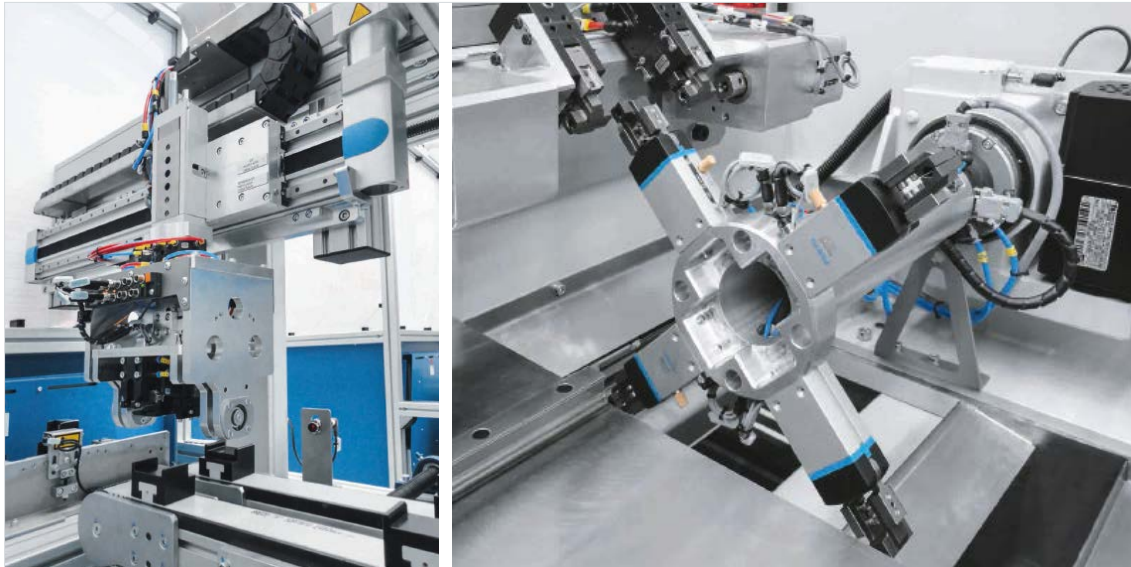


High speed with electric and pneumatic systems in the production of special metallic tubes

FESTO



Highlights

- Reduced production time up to 70%:
Thanks to its automatic settings, Tecdisma can adapt the machine to new tubing formats in just 2 minutes
- Increased flexibility thanks to decentralized control concepts and different fieldbus connections
- Standard solutions from Festo are used for most of the pneumatic and electrical movements

Customer

Tecdisma Ltd., located in the north-west of Spain, is a leading company in the market of technological solutions for machine design, production, assembly and start-up for the automotive industry.

Project

Smart solutions for a machine that produces hybrid tubings at high speed.

Requirements

- Rapid and simple commissioning
- Compact and robust solution for handling at high speed
- Increased flexibility and productivity

Solution

Standard solutions from Festo:

Toothed belt and spindle axes EGC/EGC-HD
Compact and robust

Terminal CPX with valve terminal MPA-S
Saves space and money

Radial grippers DHRS
Precise, powerful, compact

Standard cylinder DSBC-PPS
Simple and reliable

Service units MS series
Perfect compressed air preparation

High speed with electric and pneumatic systems in the production of special metallic tubes: Products and solutions



Toothed belt and spindle axes EGC/EGC-HD

- Optionally with a guide or as a heavy-duty version (EGC-HD) with two guide rails
- Maximum load capacity and rigidity
- Very short cycle times due to maximum dynamic response
- Modular product with flexible options



Radial grippers DHRS

- Max. repetition accuracy
- Gripping force retention
- Wide range of options for mounting on drive units
- Can be used as a double-acting and single-acting gripper
- Suitable for external and internal gripping

Terminal CPX

Ideal as automation platform, valve terminal partner or as remote I/O – it is electric, open and direct. It is also the perfect platform for electrical peripherals. With CPX, you can integrate pneumatic and electrical control chains easily, quickly, flexibly and seamlessly into all automation concepts and company-specific standards – and into Industry 4.0 as well!



Standard cylinder DSBC-PPS

- Self-adjusting pneumatic end-position cushioning
- High flexibility thanks to the wide range of variants
- Standard profile with two sensor slots
- Comprehensive range of accessories
- Robust and attractively priced



Valve terminal MPA-S

Maximum function integration, many electrical connection options, multi-pin plug, Festo I-Port, fieldbus and a comprehensive diagnostics concept. In addition: extremely compact and with the most modern valve technology. Optional: with integrated proportional pressure regulator VPPM-MPA for combined pressure sensing and pressure regulation



Service units MS series

- A comprehensive concept for compressed air preparation
- For simple standard applications and application-specific solutions
- With integrated safety technology as well as pressure and flow sensors
- Maximum flow rates with minimum space requirement

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