STÖGER AUTOMATION

STÖGER Monitoring System

Efficient process monitoring made easy. With our intelligent monitoring system, you can control and monitor STÖGER devices precisely and reliably. It captures, stores, and analyzes all process-related data, ensuring full traceability at any time.

## Advantages of the STÖGER Monitoring System (SMS):

+ Maximum Flexibility & Easy Integration – Modular design adapts to your needs

+ Smart Data Management – Efficient, demand-driven processing

+ User-Friendly Interface – Intuitive operation for both users & maintenance teams

+ Flexible Visualization – Centralized & decentralized options available

+ Remote Maintenance – Boosts efficiency & system uptime

+ Safety First – Fully compliant with current safety standards

+ Seamless Data Connectivity – Supports OPC-UA, MQTT & more

+ Built-In Documentation – Everything you need, right at your fingertips
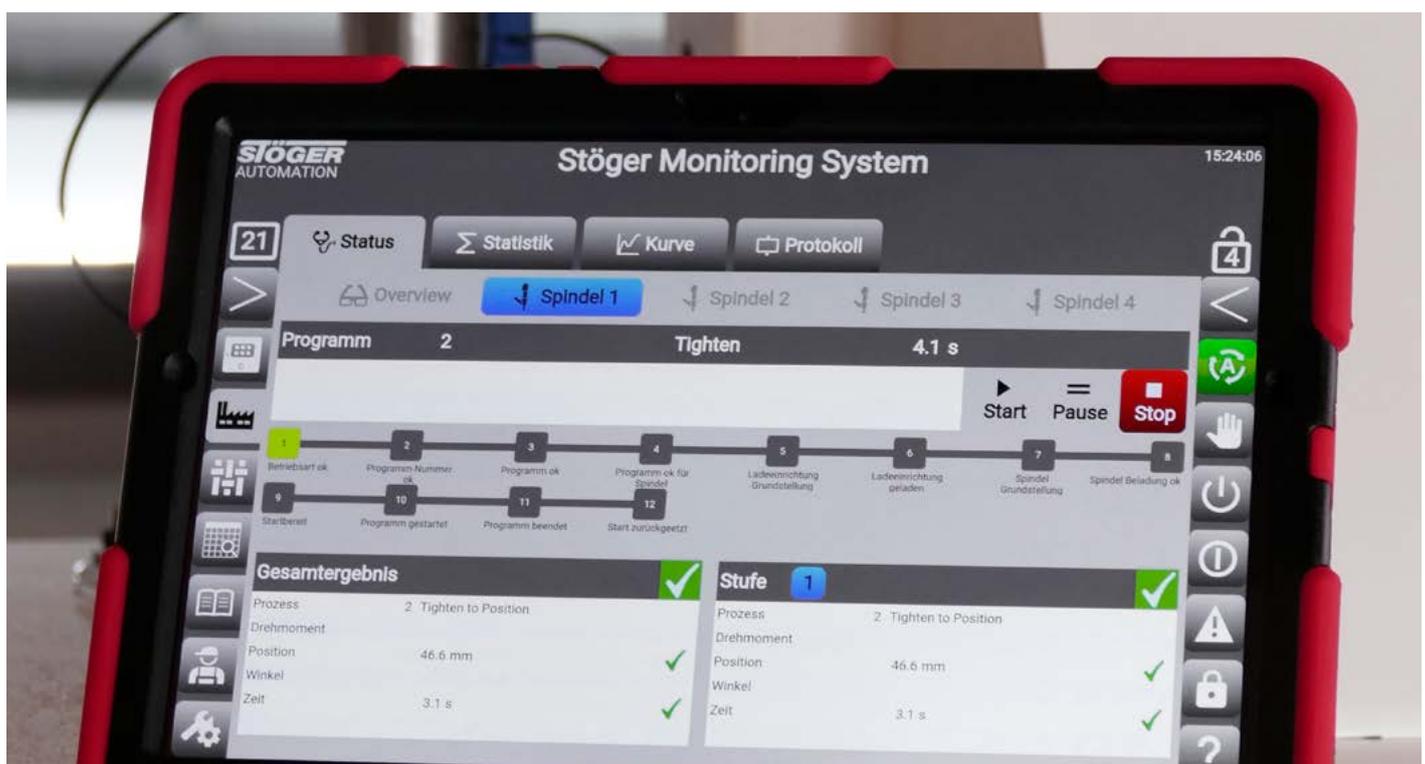
Your Application, Your Choices.

Flexible Options	SMS	SMS 1-4	SMS 1-4 Dual Servo
Integrated drives	☒	☑	☑
Maximum screw spindles	4	4	4
Maximum feeding units	4	4	4

Software interface

	SMS	SMS 1-4	SMS 1-4 Dual Servo
I/O control	☑	☑	☑
Fieldbus support (Profinet, Ethernet-IP, etc.)	Optional	Optional	Optional

Visualization

	SMS	SMS 1-4	SMS 1-4 Dual Servo
Web browser	☑	☑	☑
Integrated control panel	Optional	Optional	Optional
Handheld device	Optional	Optional	Optional

Software features

	SMS	SMS 1-4	SMS 1-4 Dual Servo
Process data logging	☑	☑	☑
Process curve logging and analysis	☒	☑	☑
Logbook	☑	☑	☑
User rights management	☑	☑	☑
Program expansion up to 1024	☒	Optional	Optional
Quality data interface	Optional	Optional	Optional
Compliant IT standard	☑	☑	☑
Remote maintenance module	Optional	Optional	Optional

Visual Overview of System Components
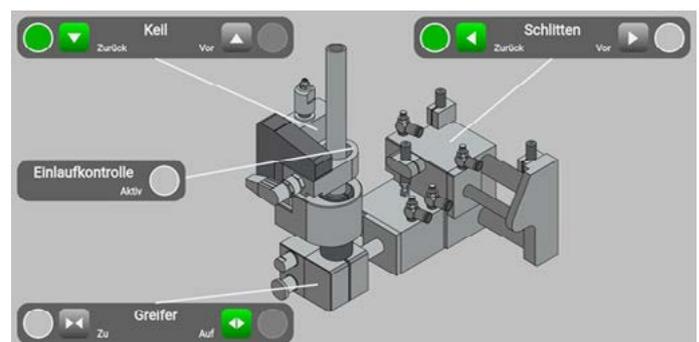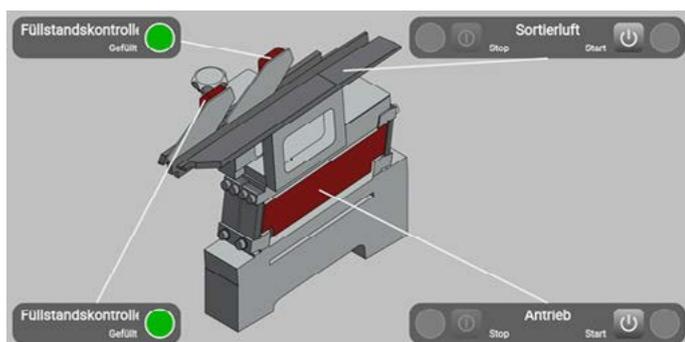
Configuration Examples

Start of Production (SoP)	Basic module	Turn-Key-Solution	Turn-Key-Solution 2 Drives (Dual-Servo)
SMS Web application	@	@	@
Electric cabinet			
External drives			
Electric cabinet + STÖGER DRIVES			
Feeders			
Switch			
Screwdriver unit			

| Capacity Increase (CI)	+	+	+
External drives			
Electric cabinet + STÖGER DRIVES			
Feeders			
Screwdriver unit			
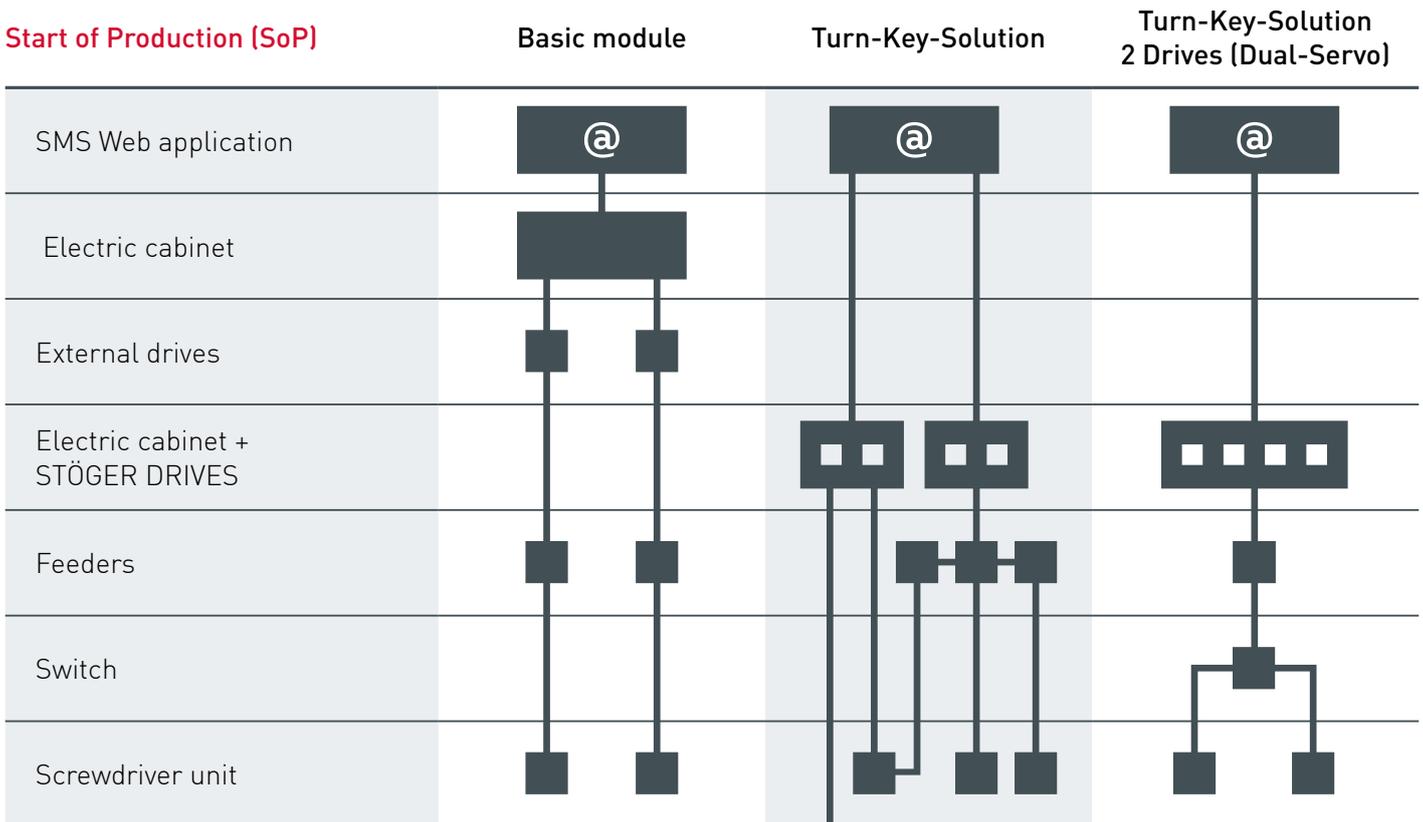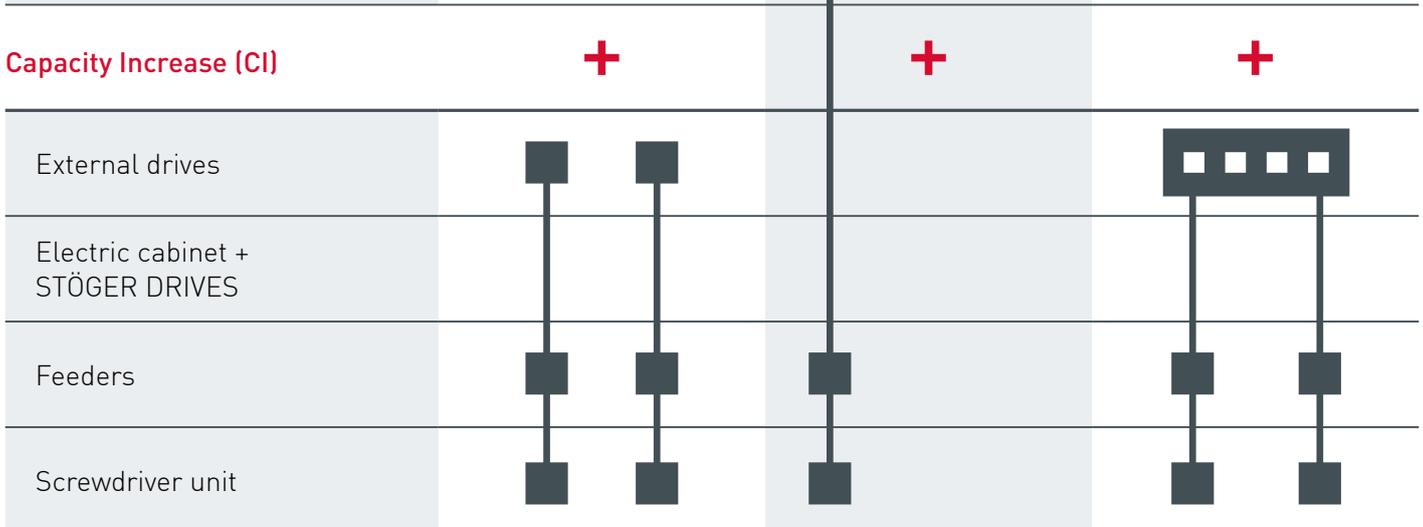
Visualization Concepts

Our control system offers you customized visualization solutions for intuitive and efficient operation. Choose the optimal option for your application:

Web Visualization

- **+** Supports common web browsers such as Edge, Chrome, etc.
- **+** Up to 4 clients (browsers) per SMS simultaneously
- **+** Utilization of existing operator PCs within the system
- **+** Advantageous for monitoring multiple systems after commissioning
- **+** Can be combined with an integrated control panel and/or handheld device

SMS
Integrated Control Panel 10.1"

Optional

- **+** Multi-touch technology for intuitive operation
- **+** Ideal for SMS stand-alone use
- **+** Integrated solution within the Electric cabinet
- **+** Can be combined with web visualization and/or handheld device

SMS
Handheld Device 10.1"

Optional

- **+** Supports common multi-touch technology for intuitive operation
- **+** Ergonomic design
- **+** Ideal for use with multiple SMS devices during the commissioning phase
- **+** Can be combined with web visualization and/or integrated control panel

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