



SIU24S Servo Invert Unit

Container glass
production

Control and drive system for all established servo invert units

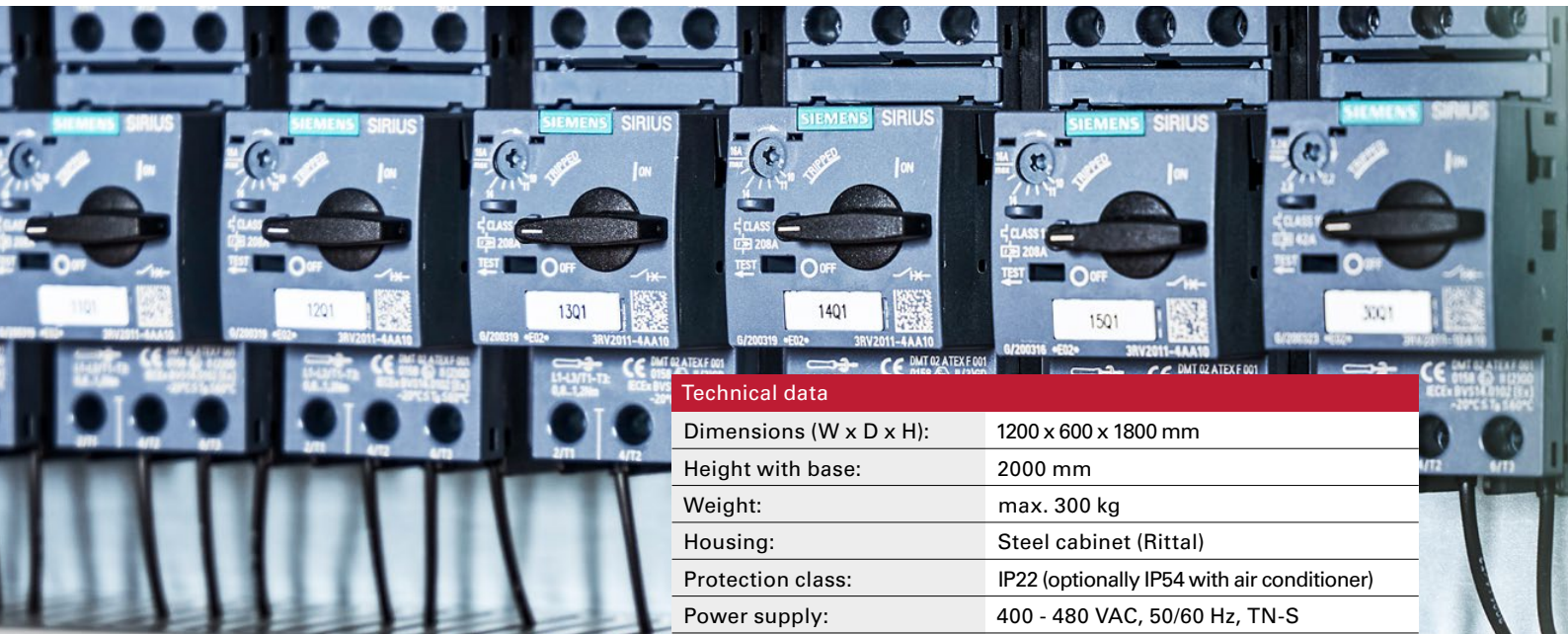
Our SIU24S servo invert control system is designed to control and drive almost any servo invert mechanism established in the market today. The SIU24S HMI allows operators to preset the acceleration and deceleration of the swivel motion when an article is transferred from the blank mould to the blow mould – individually, accurately and reproducibly. Article quality is significantly improved as a result. The advanced servo technology moreover permits an ultra-fast revert motion, so that even very short cycle times are possible.

The SIU24S integrates seamlessly into our proven FMT24S machine control system as an add-on. The servo invert control system is controlled centrally via the job database menu of the FMT24S HMI. The SIU24S can be retrofitted to any existing equipment featuring an FMT24S control system without any problem.



automation in a new dimension

SIU24S at a glance

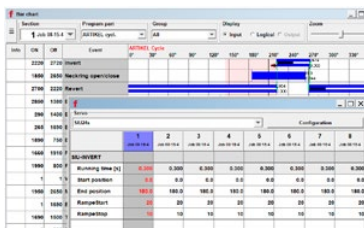
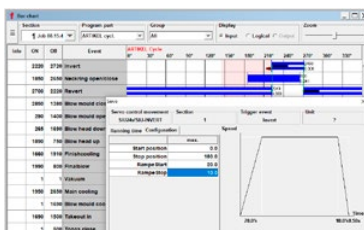


Technical data

Dimensions (W x D x H):	1200 x 600 x 1800 mm
Height with base:	2000 mm
Weight:	max. 300 kg
Housing:	Steel cabinet (Rittal)
Protection class:	IP22 (optionally IP54 with air conditioner)
Power supply:	400 - 480 VAC, 50/60 Hz, TN-S
Power supply tolerance:	±5 %
Total connected load:	ca. 8 kW
Power electronics:	JETTER servo converter
Control electronics:	JETTER JetControl 365
Drive-to-PC interface:	Ethernet
Operation:	Integrated into FMT24S or standalone HMI
Ambient temperature without air conditioning:	max. 25 °C
Ambient temperature with air conditioning:	max. 45 °C (typabhängig)
Relative humidity:	max. 80 %

Benefits

- Central control via the FMT24S interface
- Unified job database management via the FMT24S interface
- Also available in a standalone version with a separate HMI for any standard IS machine
- High repeatability
- Accurate reproducibility
- Maximum flexibility in production
- Cost-effective solution
- Significantly improved quality



Most important features

- Control system for all established servo invert units
- Option for machines from different manufacturers, also as a retrofit
- Revert motion times up to 400 milliseconds possible
- Freely selectable motion profiles
- Controlled acceleration and deceleration of the swivel motion
- Ultra-fast motion profiles enable shorter cycle times
- Position holding function
- Time sequences presented in a bar chart
- Built-in alarm and event reports
- Simple, intuitive operation
- Easy maintenance because standard components are used
- Multilingual HMI