



SK 300

Process Monitoring Terminal with 4,3" color touch screen

The **SK 300** process monitoring terminal is a very cost efficient yet high-performing system for monitoring cold forming machinery with up to 16 channels. Fully automatic enveloping routines are applied to offer perfect monitoring results. **SK 300** also features our new unique **Mandon** system which "talks" to the operator and assists in better job performance.

Full networking and factory data collection capabilities are also available.

Performance SK 300

Monitoring Functions

- envelope monitoring of forming force signals (up to 16 channels)
- prepared for Hybrid-sensors
- **SKROLLmaster** die-match control for thread rollers
- **SKHybridmaster** tool alignment set-up assistance for cold forming presses
- auto start feature after machine stop
- absolute force/machine loading profile
- Q-factor and Trending stop/go chart
- **SKProzzymaster** technique
- **SKPuzzlemaster** expert monitoring programs for special types of errors and forming operations
- **NEW: Mandon** System

Technical Features

- newly designed operating surface
- 4,3" TFT color touch-screen
- EMR-proof, ergonomically designed flat enclosure,
- numerous mounting options (yoke, swivel, floor pedestal, panel mount)
- part counters for job size, tool life, unattended production runs and production statistics
- sorting and batching logics
- **SKTelemaster** for remote diagnosis
- ready for collection of production data (machine terminal function)

Technical Data

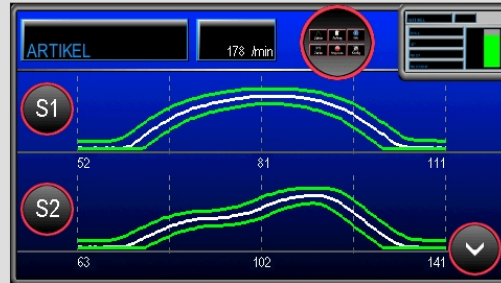
- powerful digital signal analysis processor with up to 16 sensor inputs
- 5 digital outputs (including 3 or 4 relay outputs)
- 5 digital inputs
- optional I/O-expansion module
- connection for crank angle decoder
- data ports: serial RS-232, Ethernet, optional USB, Teleservice
- high output digital signal amplifiers

Dimensions (without yoke):
230 W x 165 H x 60 D (mm)
Supply: 24 VDC, 30W
Weight: 6 kg



Please note that some features are optional features even if not specifically mentioned. Modifications are without prior notice.

Examples for display screens and functional features:



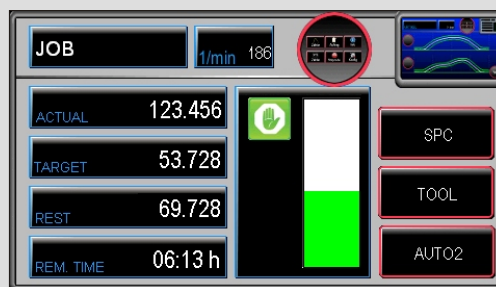
Dynamic envelope monitoring is applied to all channels. Up to 16 channels can be monitored.

SKProzzymaster calculates fully automatically the right size envelope to match perfectly each running process. **SKPuzzlemaster** is provided for quick activation of expert monitoring routines.



Our unique **Mandon**-system "talks" to the machine operator.

Mandon is constantly thinking along with the process, gives timely warnings, provides intelligent remedies, and gives precise recommendations on how to improve productivity and quality. And all of that happens automatically without any operator intervention.



Easy-to-set part counters are available for controlling

- order size
- tool life
- unattended production runs
- batching unit
- SPC inspection intervals

All counters show preset quantity and current count. Machine stops when reaching preset counts (if activated).



The main menu screen gives easy access to the different features of the monitoring system