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Item # SK 800, SK 800 Process Monitoring System

Superflex Sensors fit into an 8mm hole and can be manually adjusted to pick up the best signal. They can also be easily removed and replaced if need be.

Diskflex sensors are significantly less expensive than the Superflex sensors and are epoxied into areas for best signal pickup. They have been used in wedges, backing plates, stripper plates and even embedded into tool holders. Many sizes are available from 8.9mm to 50mm.

FOXMATIC MONITORING TECHNIQUE reacts to even the smallest changes in force signals. It works independently within envelope limits while its automatic drift compensation avoids undesired nuisance machine stops. It is applicable to cold formers and thread rollers and offers reliable fault detection for even the smallest errors (i.e. cracked heads). Foxmatic is the perfect complement to the proven Mandonic auto envelope technique

Specifications

Width without Yoke	398 mm
Height without Yoke	331 mm
Depth without Yoke	135 mm
Data Ports	2xUSB Ethernet serial RS-232 Teleservice Teleservice
Modular Software	Y
On Board PC	Y
Digital Inputs	5
Digital Output	5
Sensor Inputs	Up to 16
Monitor	15 inch (in) TFT color touch screen

DC Supply Voltage	24 V
Supply Power	60 W
Weight	7 kg 12 kg
Mounting Options	Floor pedestal Panel mount Swivel Yoke
Monitoring Functions	Absolute force measurement Analyzes process stability and monitoring quality Continuously evaluates process stability and monitoring quality DMA or DMI-die set up assistant (Die Match - Automatic or Manual) for thread rollers Machine loading profile Machine performance and error memory Mandon® reporting system Mandon®-Technology Mandonic auto enveloping system M-Apps machine analysis New intelligent auto start feature after machine stop Part data memory Press set-up assistance SKPuzzlemaster monitoring programs for specific error detection Tool protection Trending stop/go chart
Technical Features	Data networking option EMR-proof, ergonomically designed flat enclosure, Fanless PC with Windows XP- Embedded and CF-Memory Part counters for job size, tool life, Unattended production runs with Eco-Stop and SPC intervals SKTelemaster for remote service Sorting and batching logic
Technical Data	Crank angle decoder option Data back-up (network or USB) High output digital signal amps Powerful digital signal analysis processor RFID controlled (SK 800 only)
	BDE Outputs including cycle and good part pulses Cockpit Dashboard with multifunction displays Digital In/Out Logic

Features	<p>Foxtmatic Monitoring: New technique to monitor within the envelopes. Mandon Technology - Suggests operational improvements to the operator Mandonic Auto-Enveloping M-Apps - Machine Productivity Analysis Multiple Counters Optional feature for specific user needs PC-Based System Press Frame Monitoring Production Monitoring Option RFID User Access Simple to Operate</p>
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Applications	<p>Metal forming machines Stamping</p>
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In-Tool Force Monitoring Detects	<p>Broken Stripper Plates Cracked Dies Forming Defects Loose Tooling Punch Breakage Rising/Pulled Slugs Scrap Build-up Small Chips Transfer Issues Worn Tooling</p>
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