

# Flex Scanner



**STABLE.  
PRECISE.  
QUALITY.**

Today's flexo industry is characterised by high quality, speed and low cost in production. Glunz & Jensen is constantly looking for areas to optimise the processing of flexo plates and our latest focus is the FlexScanner.

The FlexScanner scans polymer sleeves and adapters before going on press - for better quality and less waste in production. The sleeve scans the sleeving process prevents stop on press and makes sure that the press runs optimally and smoothly.

FlexScanner scans the sleeves for "low and high spots", checking for base tolerances and for relief tolerances. This cuts repro (inspection/preparation time on each sleeve of up to 80%). Polymer sleeves can be scanned in three different modes; black sleeves directly from repro (prepress or platemaking), processed sleeves and finally the finished and dried sleeves. There is also a possibility to scan mounting sleeves and adapters for tolerances.

The 100% customised graphical display of the unfolded plan (inspection analysis) can be exported into pdf-format and be sent via e-mail for confirmation or rejection of jobs.



Very stable and heavy-duty scanner construction achieves perfect scanning results.



Automatic air flow on cylinder facilitates easy loading of sleeves and adapters.



Scanner laser sensor measures high or low spots and relief on sleeves with variable speed to verify sleeve quality.



Top lid provides easy visual inspection and maximum safety during scanning operations.



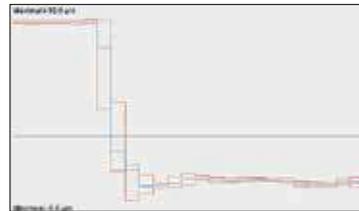
## SCANNING EXAMPLE:

**Repeat:** 550 mm (ø175 mm)  
21.6" (ø6.9")  
**Length:** 1270 mm (50")  
**Increase:** 10 mm (0.4")  
**Rotation:** 100 rpm

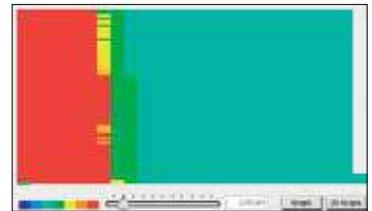
Scanning speed for this example is:  
**1 minute and 30 seconds**

The Glunz & Jensen FlexScanner scans the sleeves for "low and high spots" and imbalances to

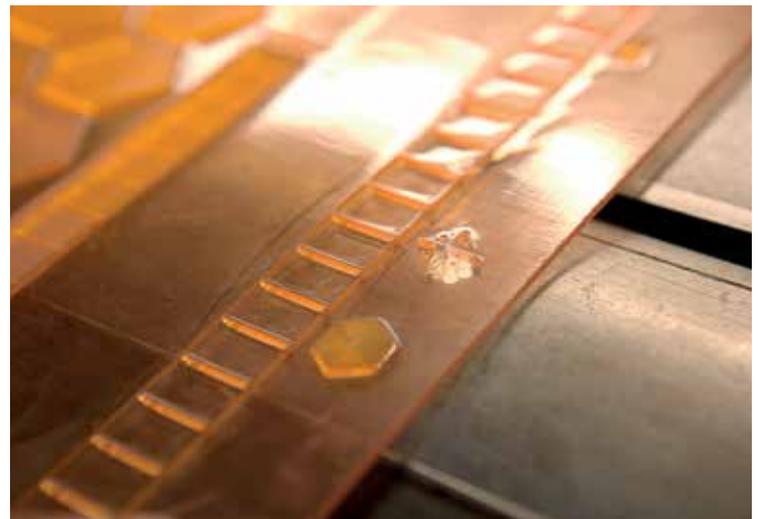
	<b>FlexScanner</b>
<b>MODEL</b>	1800
<b>PERFORMANCE</b>	
Sleeves types	All flexographic photopolymer sleeves, plates that are mounted on sleeves, mounting sleeves and adaptors
Scanner width (max)	1800 mm (70.9")
Repeat length	280 - 1250 mm (11.0 - 49.2")
Scanning speed	200 measurements per second
Precision	±0.01 mm (0.0004")
<b>CONSUMPTION</b>	
Electrical	3x400V + N + PE, 50/60Hz, 5 x 2,5 mm <sup>2</sup>
Power (nominal)	1.5 kW
Current (nominal)	2.5 Amp
Temperature range	15-30°C (59-86°F)
Relative humidity	40% to 60% non-condensing
<b>GENERAL</b>	
Dimensions (LxWxH)	2400 x 750 x 1180 mm (94.5 x 29.5 x 46.5")
Weight	1000 kg (2205 lbs)
Approvals	CE certification
Standard	Full technical documentation, Semiautomatic sleeve change, Air management system for sleeve change, Fixed mounting mandrel in steel



**Quick scan:**  
Surface measurement of high and low spots for incoming jobs. Can be exported into pdf-format and can be sent via e-mail.



**High quality scan:**  
Measurement of relief tolerance and high and low spots for exit inspection of jobs. Can be exported into pdf-format and can be sent via e-mail.



20% less waste due to faults on sleeves and up to 80% time saving in on jobs!

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