

SLEEVE CHANGING CALENDER SWKT 900 VERSION 3.0

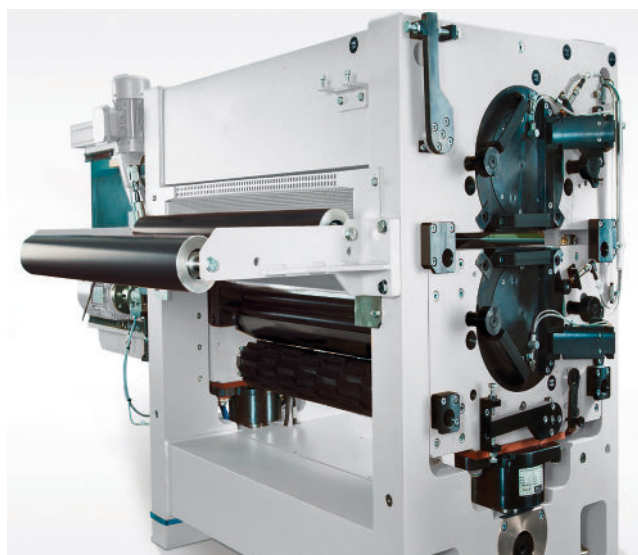
The Matthews Engineering Sleeve Change Calender SWKT 900 Version 3.0 for the tissue industry unites years of application experience and state-of-the-art technologies in one unique machine concept. The latest improvement was made for 4-lane handkerchief lines, which are able to process up to 1.200 packs per minute with the current standard format of 210 mm by 210 mm. We also manufacture embossing calenders for the production of napkins in regular or completely new sizes, because at Matthews you will not only get the embossing calender incl. control panel, but also the matching embossing rollers, all from one source.

TECHNICAL DATA

Standard face length: 900 mm (4 x 210 mm + edge)
(special length upon request)

Production speed: up to 630 m/min (1.200 Pack/min)

Embossing roller Ø: min. 266 mm to max. 273 mm



OPTIONAL

Electronic temperature monitoring of the main bearing

Electronic monitoring of the hydraulic pressure

Vibration monitoring

ADVANTAGES OF THE MACHINE CONCEPT

Embossing design change in less than 15 minutes –
reduced setup times and setup costs

Fast and simple sleeve change inside the machine

From All-over-embossing to inline embossing in register
to create ply bonding of the tissue layers

Adjustable damping in the basic core for adjusting the
embossing quality during the process

No repeat gears necessary. The sleeve synchronism will
be adjusted by servo drives electronically.

Offset roller arrangement:

- Defined positioning of the sleeves in process
- No axis crossing due to bearing internal clearance

Modified bearing situation:

- Triple bearing arrangement with preload clearance
- Pre stressed axial bearing

Fully automatic alignment from top to bottom embossing
sleeve by laser referencing

Integrated sleeve cleaning system
(brush and felt oiler/ cleaner)

Optimization of embossing result at high
production speed

The most modern state of the art drive technology

Universal applicability due to modular design

Various monitoring functions

Sturdy design and compact construction