



CALENDERS



We build production benefits

WUMAG
texroll 

CALENDERS

WUMAG TEXROLL calenders have proved highly efficient in non-woven and technical textile finishing worldwide. In plants for the production of needle felts WUMAG TEXROLL calenders are integrated into the production line directly behind the last needle loom. Essential product features are achieved in the fields of filters, geotextiles, automotive and roofing.



THICKNESS CALIBRATION

- Decrease of transport volume
- Fulfilment of customer specifications

SURFACE SMOOTHING/SURFACE MELTING

- Essential process for non-wovens' infiltration
- Increase of resistance against abrasion
- Qualification of nonwovens as coating or laminating base

THERMOSETTING

- Dimension stabilisation
- Defined or no residual shrinkage
- Increase of tensile strength in length and transverse direction
- Increase of punch-through resistance

LAMINATING WITH OR WITHOUT BONDING AGENT

- Composite fabrics with completely new product features

OPTIONS

- Two or three vertically or horizontally arranged calender rolls, max. diameter 1,200 mm, max. roll surface width 12,000 mm
- Roll surface chrome-plated or with anti-adhesive coating
- Individual roll surface temperatures up to 290 °C
- Temperature differential across fabric width less than ± 1 °C
- Nip pressure up to 200 N/mm
- Adjustable gap between calender rolls, optional with nip pressure monitoring
- Fabric passage directly through or with maximum contact to calender roll surface
- Roll heating systems with forced thermo oil flow or direct electrical heating
- Completely wired switch cabinet including all set and control elements directly attached to the calender machine frame
- Optional preheating and cooling rolls
- Metal detector
- Winding stations

LEARN MORE ABOUT THIS PRODUCT ONLINE!



Please scan the QR code on the left or enter the following link into your browser:

www.wumag-textroll.de/calenders

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