

Coatema - Calenders

Coatema Calenders – Solutions for all Working Widths and Requirements



*Calender with a load of 60 tons (hydraulic)
and motorized adjustment
Application area: Battery*



*Calender with a load of 40 tons
(hydraulic)
Application area: Battery*



*Calender with a load of 6 tons (pneumatic)
and adjustable hot plates (pneumatic)
Application area: Prepreg*

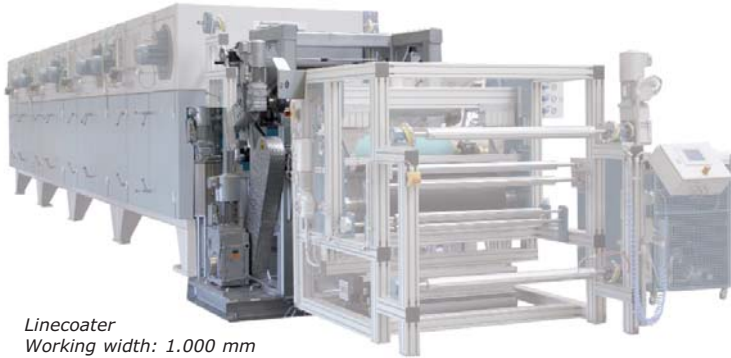
Coatema Calenders:

- ✓ Small lab systems as well as large scale production calenders
- ✓ Working widths from 100 mm up to 5.400 mm
- ✓ Linear loads of 6 tons (pneumatic) up to peak values of 125 tons (hydraulic)
- ✓ High surface quality regarding the surface roughness and running precision
- ✓ Surface of the rollers: rubberized (can be heated up to a temperature of 130 °C), chromed (can be heated up to a temperature of 230 °C) and manufactured for special requirements
- ✓ Rollers can be heated electrically, by water or thermal oil
- ✓ The gap adjustment is electrically driven or manually operated in micron accuracy
- ✓ Calenders for the nanostructured embossing of surfaces (Hot Embossing or Nano Imprinting) as used in high tech areas like printed or organic electronics
- ✓ Quality management by measurement systems for surface control, thickness and coating weight are possible
- ✓ Calender for integration in already existing plants as well as part of our plant concepts

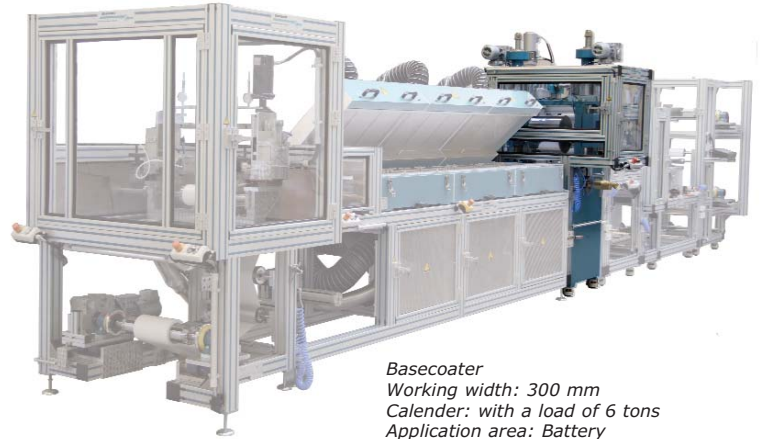


*Calender with a load of 6 tons
(pneumatic)
Application area: Fuel Cell*

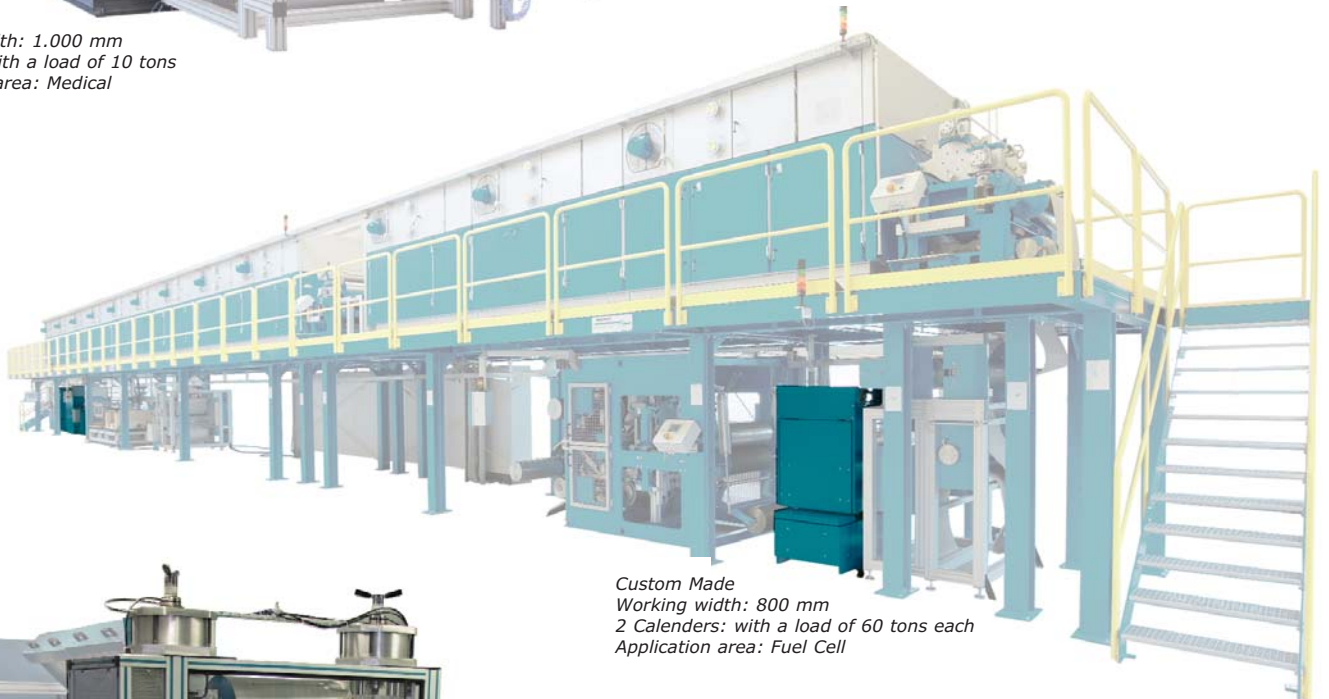
Examples of calenders as part of our plant concepts



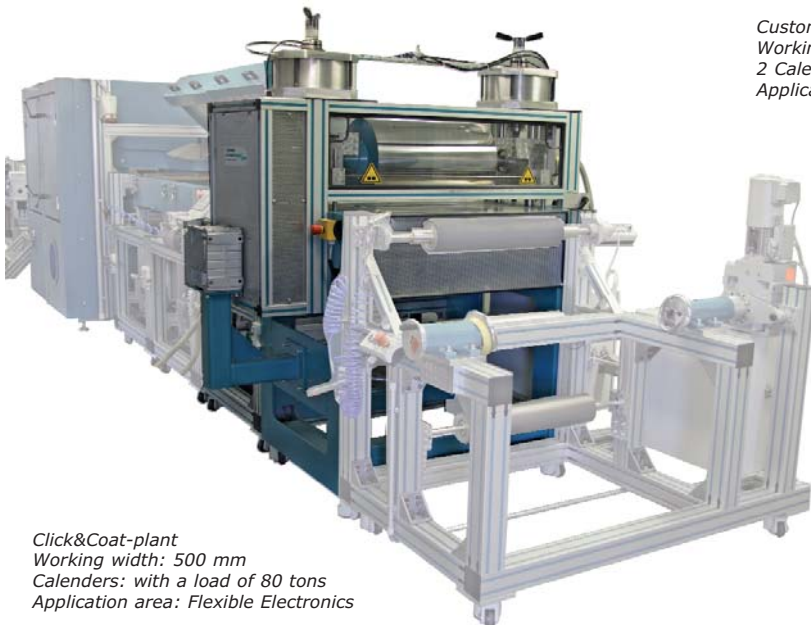
Linecoater
Working width: 1.000 mm
Calender: with a load of 10 tons
Application area: Medical



Basecoater
Working width: 300 mm
Calender: with a load of 6 tons
Application area: Battery



Custom Made
Working width: 800 mm
2 Calenders: with a load of 60 tons each
Application area: Fuel Cell



Click&Coat-plant
Working width: 500 mm
Calenders: with a load of 80 tons
Application area: Flexible Electronics

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