

LABORATORY CALENDER GK 300 L 6R

Engineered for precision and reliability, the GK 300 L 6R is built to meet the specific demands of dry electrode and hydrogen application research as well as advanced calendering applications. Every component – from gap regulation to thermal control and in-line measurement – is optimized to reach scalable process parameters from lab- to production-scale.

TECHNICAL SPECIFICATIONS

Roll width: 300 mm

Roll diameter: 200 mm

Roll coating: hard-chrome plated

Speed: up to 5 m/min

High-Precision hydraulic gap control

Gap accuracy: $\pm 1 \mu\text{m}$

Compression force: up to 150 kN

Electrical roll heating: up to $+150 \text{ }^\circ\text{C}$

Feeding system: web, film, or dry powder via hopper

Doctor blade on each roll

Mechanical unwinder

Driven rewinder with edge control system

Integrated web handling via guide rolls

Table for mobile operationing

Operation: via touch panel

Remote maintenance module

Dimensions: L 2.400 x W 1.200 x H 2.050 mm; weight: 2.800 kg

OPTIONAL

Preheating with IR-radiator

Inline thickness measurement

Edge cutting

Roll heating: up to $+200 \text{ }^\circ\text{C}$

Roll coating: tungsten carbide or other on request

