

EMBOSSING CALENDER

FOR METAL AND GRAPHITE BIPOLAR PLATES

TECHNICAL DATA CALENDER

Web width: up to 800 mm

Production speed: up to 150 m/min

Roller diameter: up to 500 mm

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

Compression force: up to 30 tons

Roller temperature: $+10 \text{ }^{\circ}\text{C}$ up to $+200 \text{ }^{\circ}\text{C}$

YOUR ADVANTAGES

Very sturdy and compact design

Direct drive of each roller

Inline/offline applications

Easy to operate

High automation level

One-stop-shop

DIMENSIONS OF THE EMBOSSING

Laser/milling width up to 800 mm at max. diameter of 500 mm (depending on the process)

OPTIONAL

Control engineering: electro-hydraulic

Preheating (IR-Field, S-Roll design)

Cutting units

Remote maintenance

Inspection system

Marking system

OUR TECHNOLOGIES

3D CNC Milling (in surface of steel and copper, plastic, etc.)

3D Laser direct engraving (in surface of steel and copper, plastic, etc.)

Laser etching gravure (in surface of steel and copper)

Rollers with hardness values of up to 68 HRC

