CREST
DUTCH MACHINERY



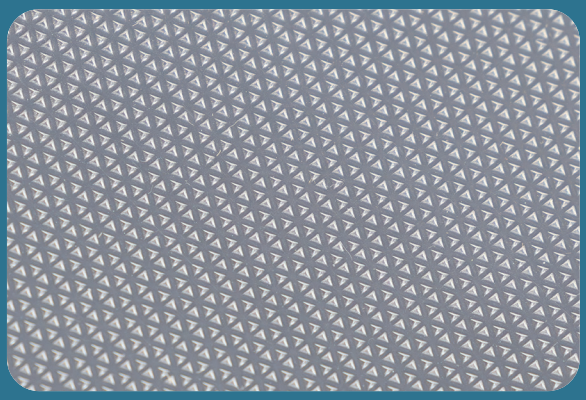
DRIVING SUPERIOR LAMINATION

WEB EMBOSSER

PRECISION IS KEY

WEB EMBOSSING FOR PACKAGING AND FILMS

The Crest Web Embosser delivers high-precision web embossing for a wide range of applications, from packaging films to decorative and technical surfaces. A robust AC drive, controlled heating and digitally adjustable nip pressure work together to create flawless, repeatable patterns from wood grain and stone textures to smart films and specialty structures for demanding packaging, including vacuum-sealed waste bags. Active water cooling with an external chiller keeps the process stable, while optional logo embossing tools enable inline branding. Available as a stand-alone unit or integrated inline, it offers a clean, controlled and highly adaptable process across industries.



YOUR BENEFITS

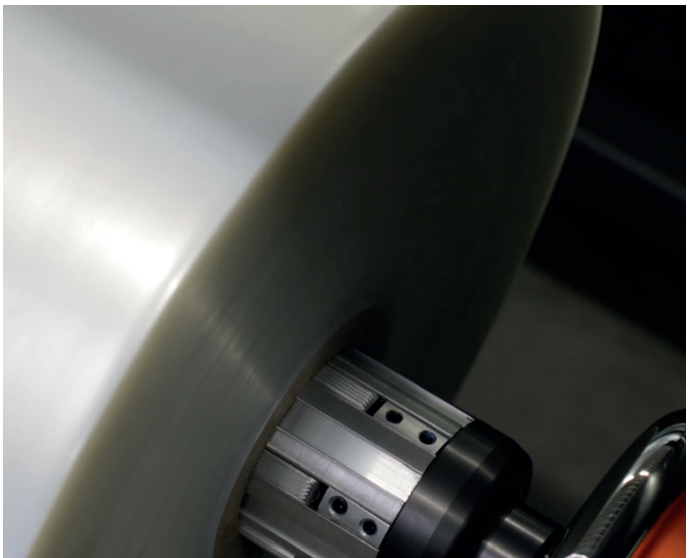
Consistent product quality through digitally controlled nip pressure, heating and cooling

Faster changeovers and shorter setup times using stored parameter recipes per product

Inline branding options by embossing your company logo directly into the web

Future-proof solution with options for perforation and next-generation smart or nano-structured films

This machine can be customized



CWE E11 AA EN

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Details are correct at time of publication. Crest Dutch Machinery B.V. reserves the right to alter the specifications at any time.

FEATURES

Robust AC drive system

Three-phase AC motor with frequency-controlled drive ensures stable running speed and reliable operation in continuous production.

Digitally adjustable embossing nip

Embossing pressure is generated by pneumatic cylinders and set digitally, allowing precise and repeatable nip settings for each product.

Intuitive touchscreen control & recipes

All key parameters – unwind brake, line speed, nip pressure, roll temperatures, rewind torque and more – are set via a central touchscreen HMI. Parameter sets can be stored as recipes for fast changeovers between different film products.

Integrated length measurement

Built-in length counter supports accurate order fulfilment, roll change planning and quality documentation.

Controlled heating & active cooling

Electrically heated embossing rolls with central temperature control, combined with active water cooling connected to an external chiller unit, maintain a stable process window and consistent pattern depth.

Versatile patterns and logo embossing

Handles functional structures for packaging, decorative wood and stone designs, and technical patterns for smart films. Company logos or product marks can be integrated directly into the embossing roll and embossed into the web.

Flexible machine configuration

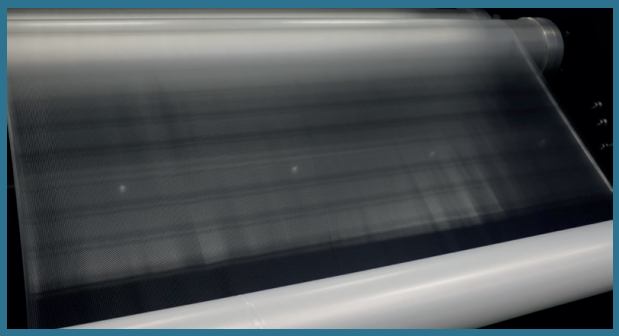
Available as a stand-alone embosser or prepared for mechanical and electrical integration into existing extrusion, lamination or winding lines. Options such as perforation tooling and inspection can be added to meet specific process needs.

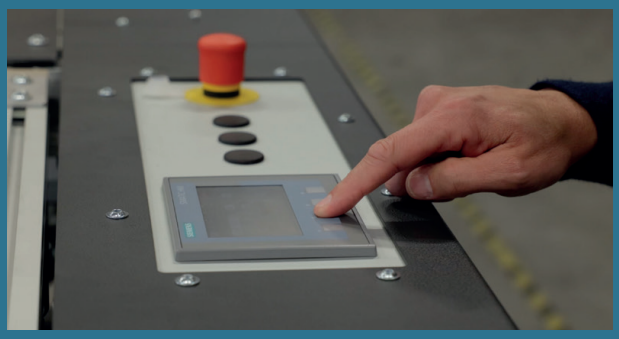
WARRANTY

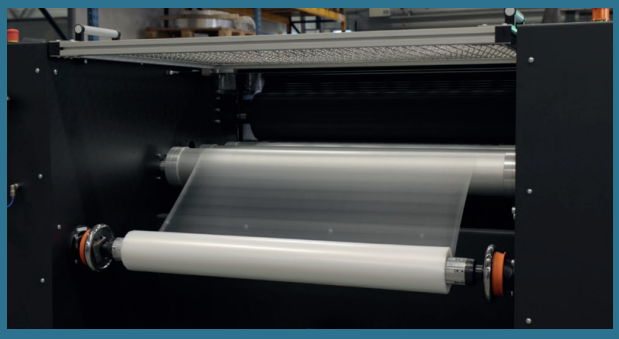
- 5-year warranty**

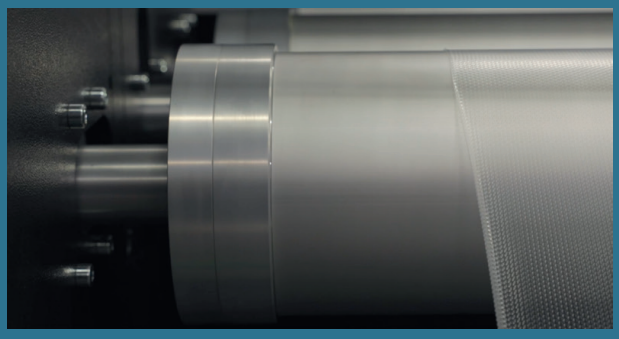
** *provided that biannual maintenance is performed by Crest.*











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