

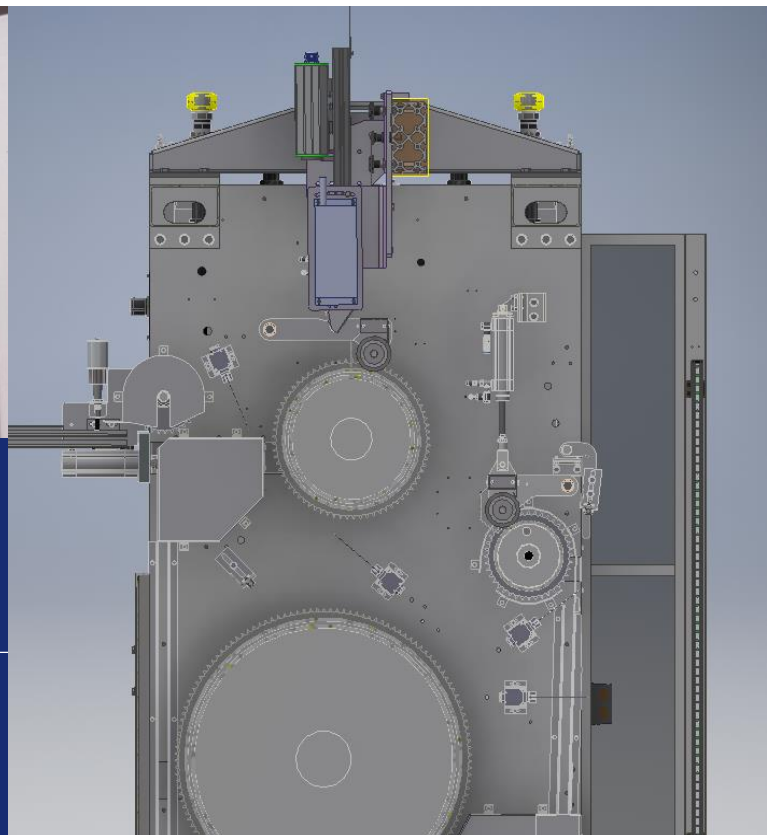
DIMENSION MEASURING

- Registered embossing without waste
- The system of dimension measuring developed by Vits has been successfully implemented by many of our customers over the last few years: two cameras and a laser Doppler system evaluate print marks at both sides of the paper web and high-precisely measure relevant dimensions - length, width and diagonal - between these marks.



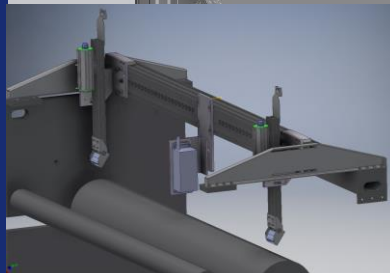
FUNCTIONS

- 2 cameras are measuring the width
- The camera detects time and length between two marks
- A high-precision contact-free speed measuring system corrects the slip and corrects the measurement
- Measuring accuracy $\pm 0,5$ mm (length), $\pm 0,3$ mm (width)
- Display of length, width and diagonal on local panel
- Warning when exceeding the preset tolerance range
- Control of web tension according to measuring result and observation of limiting parameters



ADVANTAGES

- Serious reduction of waste
- Each sheet is measured
- Also possible for rewound papers (for continuous pressing)
- Documentation system for your customers
- Retrofit possible for existing impregnation plants
- Possibility of integration into the VITS-control system



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