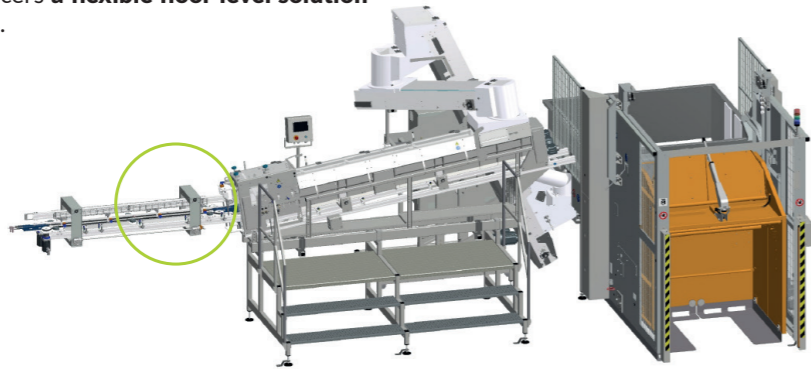




M. Tanner AG
Switzerland

Tanner is a worldwide expert in designing and manufacturing PET preform feeding systems for PET blow moulding machines. With its innovative Ergoflow, Tanner offers producers a **flexible floor level solution** for all output ranges.



The integration in native on the ErgoFlow of a Claranor Preform decontamination module allows beverage producers to achieve a hygienic filling of their sensitive products such as fruit juices, liquid dairy or non dairy products, energy drinks ...

Thus, they benefit from a turnkey solution with a reduced Pulsed light Capex and Opex, and a higher efficiency due to an active regulation of the preform flow and the instant Pulsed light decontamination.

CHOOSE THE ERGONOMIC AND ULTRA CLEAN PREFORMS FLOW!



M. Tanner AG
Switzerland



ERGOFLOW WITH PULSED LIGHT



**PREFORMS ERGONOMIC
FLOW & DECONTAMINATION**

ErgoFlow for Bottling plants

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M M. Tanner AG
Switzerland

claranor
Pulsed Light Sterilization

- Interior/exterior decontamination of the preform
500 ml preform test results:
Up to 4 log reduction on *A. brasiliensis* inner outer preform neck surface
Up to 2 log on the whole preform inner surface
- Very compact integration on ErgoFlow (600 mm)
- Decontamination in line
- No risk of chemical residue
- Low energy consumption: 2 kw for 48 000 bph



COMPACT



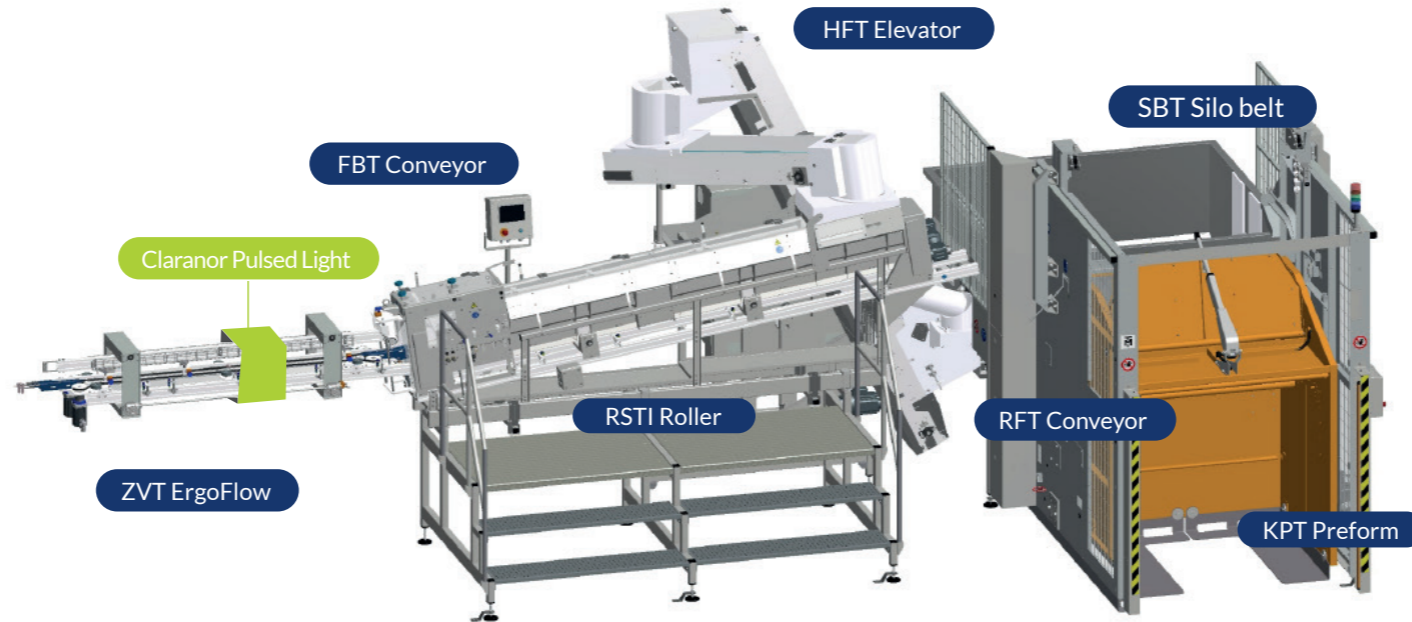
CLEANTECH



COST EFFICIENT



POWERFUL



ErgoFlow at a glance

- Ergonomic operating and maintenance
- Floor level Preform Line ergo
- Compact, low height and flexible layout
- Shorter than a gravity discharge rail
- Horizontal belts feeding (no air feeding!)
- FDA approved belts
- Improved speed regulation vs. air or gravity feeding
- Higher efficiency due to active speed up and gap-closing

The ErgoFlow belts feeding allows a higher efficiency due to an active regulation of the preform flow!

Up to 100 000 bph

Preform Ergonomic flow & Decontamination