bellaform

PULL-CUTTER 2020
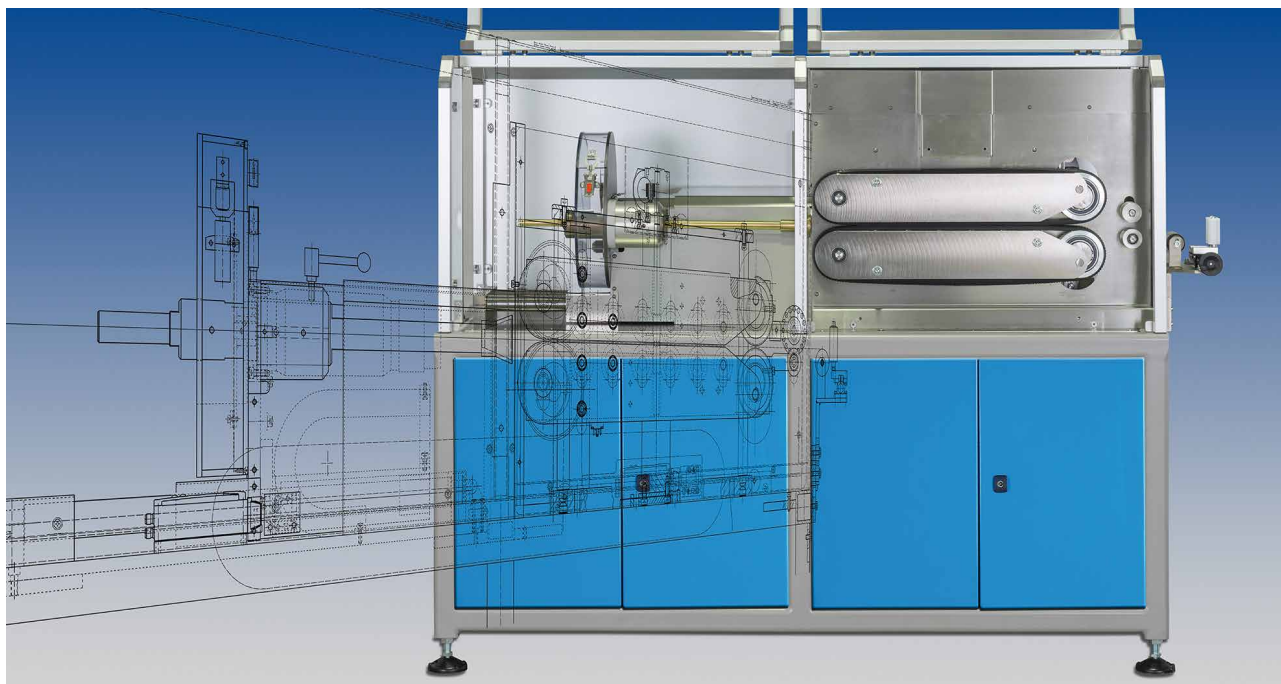
Take-off and Cutter

QUALITY
MADE
IN GERMANY
Special machines
for your production

Take-off:

➤ **Synchronous distance spacing** of the upper and lower carts (for consistent product centre)

➤ **No influence of the weight on the pressure** – "Weightless upper and lower carts"

➤ **Diameter changes to the product will cause the upper and lower carts** to "deflect" to prevent damage to the belts.

➤ **Belt pressure can be set**

➤ **Take-off belts in the usual Bellaform design**

➤ **Side guidance of the product by rollers.** The roller distance can be set with a handwheel at the roller guide.

➤ **Servo drive** – with a motor

➤ **Direct drive without toothed belt**

➤ **Inner protective cover** for visual (and mechanical) separation of the belt area

Cutter:

➤ **The entire cutting unit can be moved** (250 mm) in order to make it easier to thread in the product into the cutting guide. Movement takes place pneumatically with end position monitoring.

➤ **The cutting guide can also be replaced as a whole** without losing the setting (knife gap or cutting position). The position of the cutting guide is monitored with a proximity switch.

➤ **The cutting unit has a double protective cover** (with locking switches).

➤ **In setup mode, the guides on the inlet and outlet sides can be set securely** (inner protective cover with latch around the knife beam).

➤ **Inner cover via adjustment and motor** for optimal product guidance

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Technical details:

Take-off:

Take-off length (mm)	600
Width (mm)	40 / 80
Belt distance (mm)	0 – 50
Speed (m / min)	10 – 300
Drive output of the servo motor	2 kW

Cutter:

Product diameter (mm)	max. 30
Wall thickness (mm)	max. 2.5
Operating modes	continuous Start-Stopp 180° Start-Stopp 300°
Drive output of the water-cooled servo motor	12 kW

Options take-off:

➤ Belt spacing adjusted electromechanically with measurement and display of the spacing

➤ Passage monitoring of the product with a counting wheel

➤ Quick opening – in case of fault, the lower and upper carts move to max. distance

➤ Belt distance setting – automatic Setting from the product list (in combination with BELLEX)

➤ Pressure of the belts – automatic Setting from the product list (in combination with BELLEX)

➤ Belt tensioned pneumatically – automatic Setting from the product list (in combination with BELLEX)

Options Cutter:

➤ Below the cutting guide, an output belt can be installed for the cut product pieces.

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