The prior-ranking development target to be realized on the new Wohlenberg three-knife trimmers were the efficiency increase by reducing set-up times and an improved energy balance. Further an ergonomic design to facilitate operation and to minimize wear parts.

Design and ergonomics of the trim-tec 60e were completely re-created. Generously designed covers allow a fast and quick overview. The Navigator, operated by touch screen and positioned in the central control section, can be removed and turned.

Efficient and productive.

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We reserve the right to make changes to the technical data, design, equipment, material, external appearance and available options at any time.

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For a quick and easy set-up the product measures can be entered via the Navigator. Alternatively the product measurements can be defined via the SmartNavi-Desk (option) and transferred to the control. All adjustments are done motorised – including setting of the corner stations within the conveyor system which reduces the set-up efforts considerably.

The only interchangeable parts are the weight-optimised format plate holders, made out of aluminium and the cutting tables, both now locked without any tools. Further interchangeable parts in the standard format range of the trim-tec 60e are no longer needed, this simplifies the set-up process even further. A 100% reproducibility of the settings is guaranteed.

Additional blow air within the table plates guarantees that also difficult products slide gently onto cutting table level.

### Convincing advantages

- Inline three-knife trimmer with motorized adjustment in dynamic-drive Technology
- Drive concept without clutch
- Clamping in dynamic-drive Technology
- Industrial PC with TFT colour display and touch-screen-function
- Graphical user interface Navigator SE
- Integrated JDF / JMF interface
- Suited for connection to ConditionPro®
- Three-sided reinforced swinging shear cut
- Book transport without conveyors
- Pneumatic head gauge
- Quick change-over from pusher- to counter operation
- Automatic set-up with dynamic-drive Technology < 5 minutes
- Correction of usual setting parameters during ongoing production
- Quick-change system for front- and side knives
- Automatic clamping for format plate holder and cutting table
- Silicone-spraying device for side knives with low level control
- Head/tail trim: 1 – 25 mm
- Front trim: 0 – 24 mm
- Pile delivery via gripper system with delivery belt
- Fully automatic lubrication system with level indicator monitoring
- Off-cut chute
- One piece machine frame
- CE and GS/ET certificate

### Technical data

- **Mech. speed**: 500 - 3600 cycles/h*
- **Format range untrimmed**
  - Product height: 140 – 370 mm
  - Product width: 105 – 320 mm
- **Format range trimmed**
  - Product height: 138 – 368 mm
  - Product width: 100 – 300 mm
- **Head / tail trim**: 1 – 25 mm
- **Front trim**: 0 – 24 mm
- **Pile height**: 5 – 70 mm

*The net performance depends on the material to be processed and the product type. The front trim depends on the pile height.

### Optional formats

- **Small format**
  - Product height: 105 mm
  - Product width: 75 mm
  - Product height: 100 mm
  - Product width: 72 mm

- **Large format**
  - Product height: 440 mm
  - Product width: 320 mm
  - Product height: 430 mm
  - Product width: 310 mm

* Head/tail trim depends on the selected format.

### System enhancement (optional)

- **Small format kit**
  - Product height: 105 mm
  - Product width: 75 mm
  - Product height: 100 mm
  - Product width: 72 mm

- **Large format kit**
  - Product height: 440 mm
  - Product width: 320 mm
  - Product height: 430 mm
  - Product width: 310 mm

* ConditionPro® is a registered trademark of Kuhnke Automation GmbH and Co KG, Malente.

The plastic nozzles in the table are flexible and are also set without requiring tools.

The clutch-free drive concept with dynamic-drive Technology provides, in connection with the robust and proven one-piece machine frame, a running smoothness beyond compare with at the same time a very low noise level. The products are transported through the processing stations without jerking and free of marks by means of a book transport system requiring no conveyors. The result: An excellent product quality along with a high productivity.

By applying the dynamic-drive Technology – the service-drives are directly connected to the moving axes – the number of moveable parts could be clearly reduced. Thus the anyway low wear could be further minimized – another contribution to the reduction of lifetime costs.

Energy is an important cost factor. The constantly rising energy prices play an important role in the cost calculation of finishing- and printing companies.

The power consumption of the trim-tec 60e could be reduced by 20% compared to the power consumption of theprevious model. By means of the dynamic-drive Technology, the generating energy of a drive is used to power another drive – this helps to further minimize the operating costs of the trim-tec 60e.