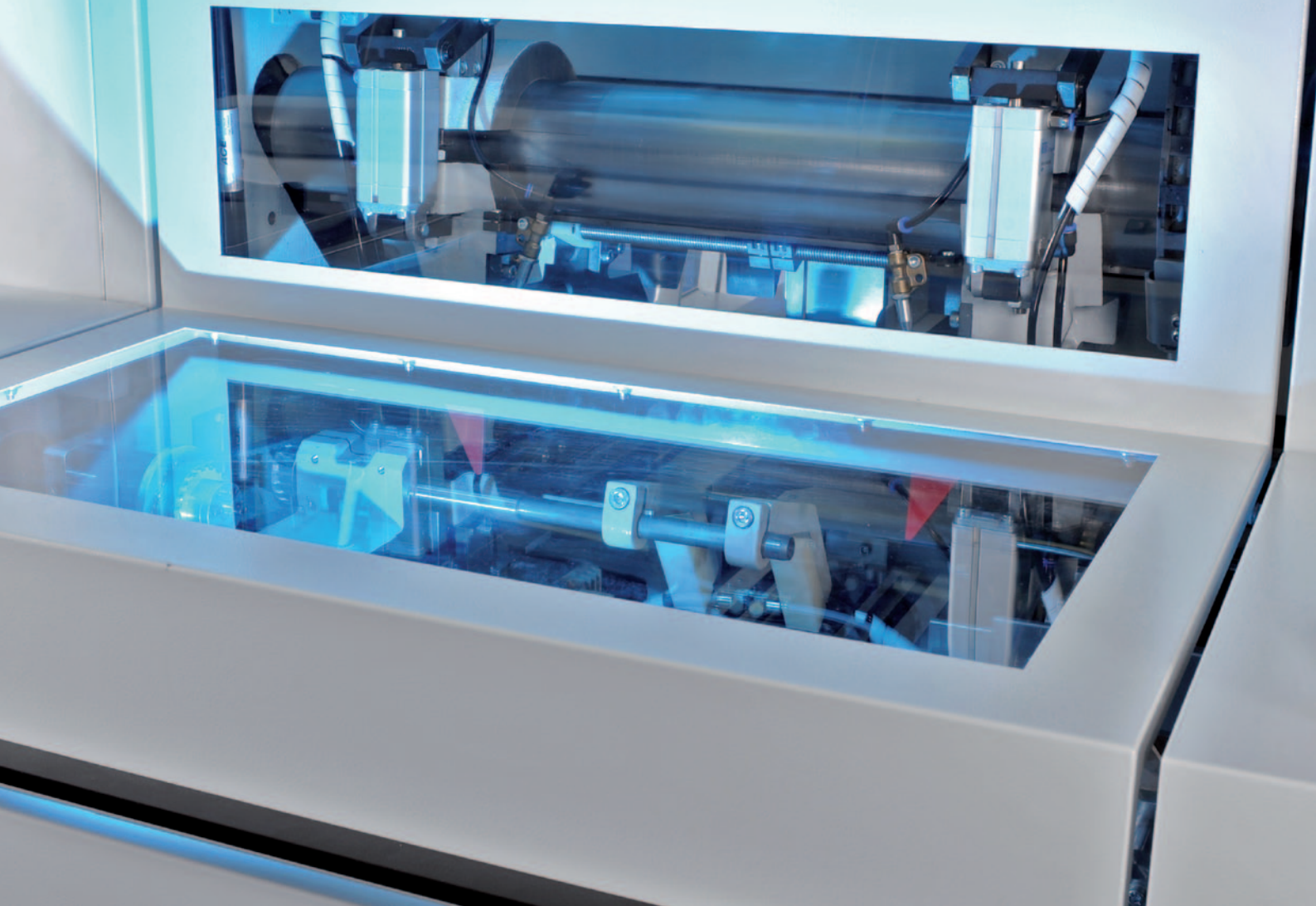


trim-tec 60e



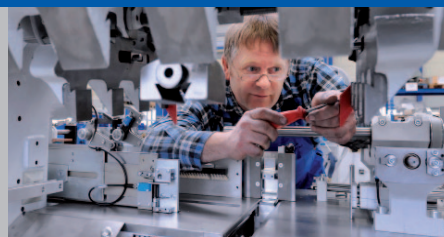
Efficient and productive.

wohlenberg



The prior-ranking development target to be realized on the new Wohlenberg three-knife trimmers was 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.

Wohlenberg trim-tec 60e





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



trim-tec 60e

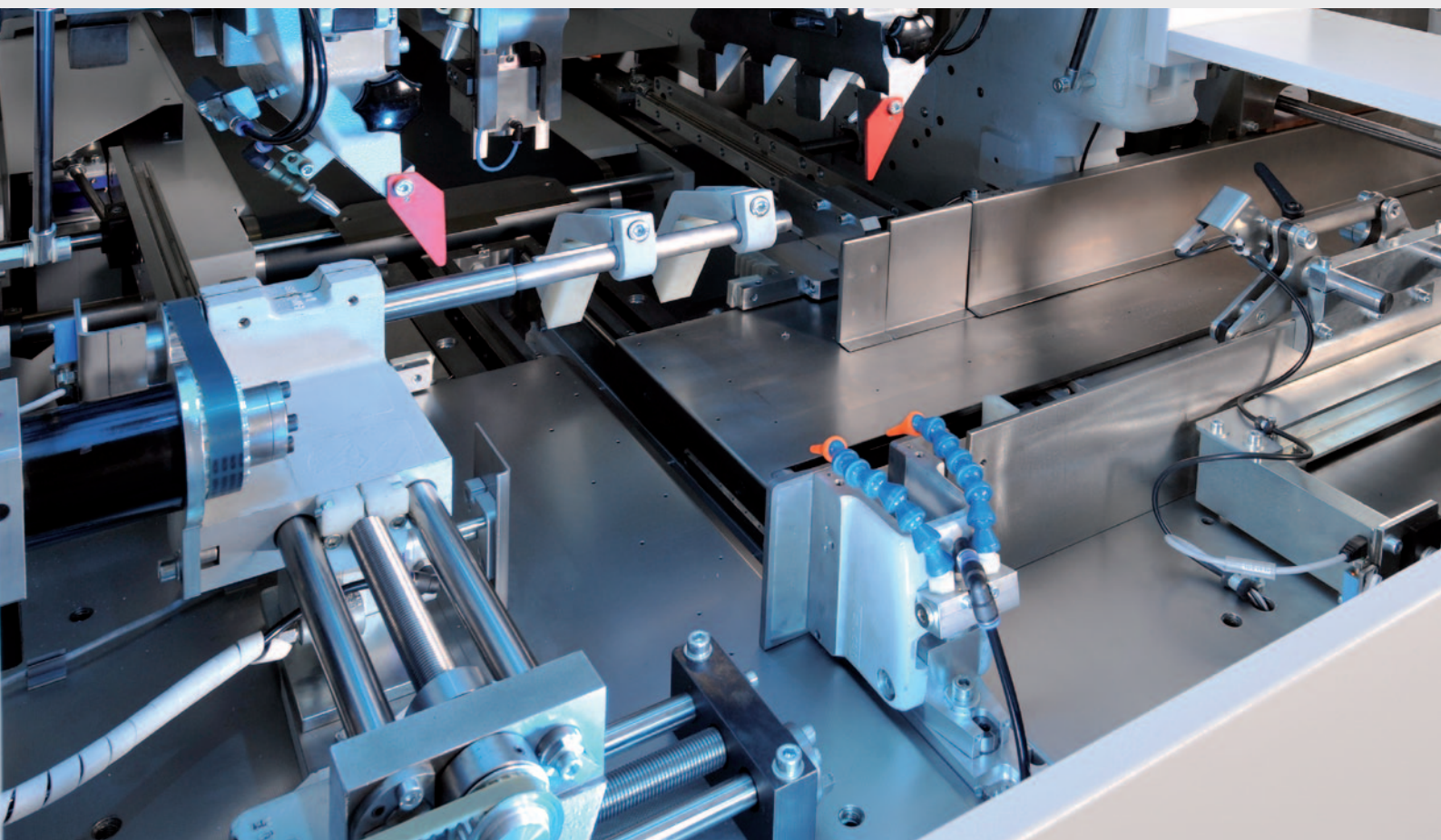
For a quick and easy set-up the product measurements can be entered via the Navigator. Alternatively the product measurements can be defined via the **Smart NaviDesk** (option) and transferred to the control. All adjustments are done motor-driven – including setting of the corner stations within the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

The only interchangeable parts are the weight-optimized 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.

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 maximum machine speed. 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.



trim-tec 60e

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 three-knife trimmer trim-tec 60e could be reduced by 20% compared to the power consumption of the preceding model.

By means of the dynamic-drive Technology the generative energy of a drive is used to power another drive – this helps to further minimize the operating costs of the trim-tec 60e.



The trim-tec 60e matches with its standard format range exactly the perfect binding lines City e and Master e. With the significantly short set-up times and the high automation level the trim-tec 60e three-knife trimmer is the perfect match for the system.

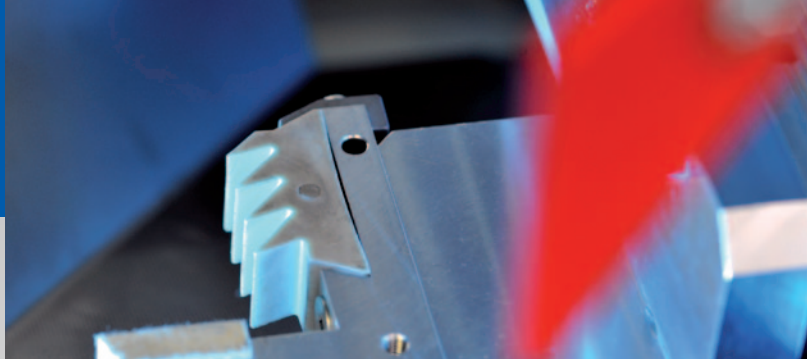


trim-tec 60e

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 in 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-spray device for side knives with low-level-control
- 8 cutting tables including rack and 4 clamp plates
- Pile delivery via grippersystem with delivery belt
- Fully-automatic lubrication system with low-level-control
- Off-cut chute
- One-piece machine frame
- CE and GS / ET certificate

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



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	Large format*
■ Product height untrimmed	min. 105 mm	max. 440 mm
■ Product width untrimmed	min. 75 mm	max. 320 mm
■ Product height trimmed	min. 100 mm	max. 430 mm
■ Product width trimmed	min. 72 mm	max. 310 mm

*Head/tail trim depends on the selected format.

System enhancement (optional)

- Small format kit
- Large format kit
- Pile height 80 mm
- Integrated measuring table Smart NaviDesk
- Format plates - plus, size-plate change system
- Off-cut funnel for connection to a central off-cut disposal
- Off-cut conveyor for transport of off-cuts into a container

Wohlenberg

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