

IDEAL guillotine makes a quantum leap in cutting

THE 56 – optimised workflow and high precision guaranteed

IDEAL

With THE 56, Krug & Priester are introducing the first guillotine equipped with an intuitive software including comprehensive product features and with a wide variety of digital functions. In addition to comfortable operation and intelligent, intuitive control, it aims to provide faster handling of print jobs. Ralph Gärtner, Managing Director of Druckmaschinenservice Berlin, has already placed several machines from this generation of guillotines with his customers. Here, he tells us about his experience to date with this new generation of guillotines, "Made in Balingen".

THE 56 has an impressive range of features and sets a strong standard in this product class with its particularly attractive price/performance ratio. A cutting length of 560 mm, a cutting height of 80 mm, a narrow cut of < 15 mm and a table depth of 560 mm – these are the basic specifications of this very compact, programmable guillotine in a nutshell.

Managing Director, Ralph Gärtner: "I have already been able to place several THE 56 guillotines with customers. What has always impressed me and my customers is the fact that you can switch on the machine and start work immediately. The operator will feel instantly familiar with the machine – even without training or any previous knowledge – as the



Ralph Gärtner (Managing Director of Druckmaschinenservice Berlin) has already supplied several THE 56 guillotines to customers.

Druckmaschinenservice Berlin was established in the year 2000. To begin with, the company focused only on printing machines. Since 2005, it has expanded to include the entire field of print post-processing. The company is also involved in machine relocation.



Mr Ronald Partsch (Managing Director of Printec) gets involved himself.

functions are self-explanatory. This makes working on this small-format cutting machine really easy and efficient – yet with equally high levels of comfort and performance as on a large professional guillotine."

In fact, with a 40% faster clamping/cutting process, a 50% higher maximum clamping pressure and a 100% faster backgauge, the THE 56 has MORE to offer in many respects. *Ralph Gärtner: "I can confirm without reservation that the IDEAL commitment to providing better performance, more speed and improved output, has been met. In comparison with previous models, THE 56 is a quantum leap forward, providing an optimised workflow and high precision."*

The first innovation you notice on THE 56 is the operation via the integrated digital Multi-Touch-Display. At 15.6" in size, it is reminiscent of a tablet or smart phone and ensures optimum operability and easy working. The display has a functional graphical user interface and a main screen with split display. This ensures that the user has all the most important functions in view at all times and can call them up via self-explanatory icons. As a result, the user does not have to jump back and forth between different menus and has direct access to all functions at all times.



Printec has been using THE 56 guillotine since 2021. At Printec, it's all about offset printing, digital printing and large-format printing.

Ralph Gärtner: "The operation of THE 56 is very intuitive; the user always knows what needs to be done next and can instantly navigate their way around the machine. This is all thanks to „CUT CONTROL“, which really is the core component of this guillotine. Another excellent feature is that the tilt angle of the display can be infinitely adjusted by hand to adapt to the respective light conditions and height of the user. This ensures a high level of comfort for both eyes and hands."

The programming and settings level is on the left-hand side of the display. Here, the user controls and manages all main functions as well as the saved favourites in the standard view. In this settings level, the touch display can be used to globally adjust and save the central elements such as the date, time, cutting line indicator, cutting table lighting and much more. It is also possible to dim the cut release buttons here or adjust the volume of the touch-screen speaker. On the right-hand side, there is a numeric keypad for directly inputting measurements; this can be used to programme repeat cuts, for example.

Ralph Gärtner: "In general, the intelligent user interface has been reduced to the essentials – everything at a glance and no jumble of menus. The display always shows exactly what is needed at the time. THE 56 is therefore very easy to operate. This means the operator can work quickly – without having to spend time searching for things."

Many other functions also contribute to ensuring a very simple, convenient cutting experience. For example, you can programme the desired clamping pressure of the hydraulic paper clamp, even – if necessary – individual settings for each programme step. Adding to the convenience is the independent mechanical foot pedal clamping system, which can be used for precise pre-clamping and as a cutting line indicator. The ergonomic Precision Drive – a kind of joystick – is also important for comfort and ergonomics.

Ralph Gärtner adds: „THE 56 guillotine has a cutting line indicator that really deserves this name. Another feature worth mentioning is the excellent workplace lighting. The variably adjustable working height of 950 to 1000 mm ensures ergonomic comfort for each user as they work and allows easy operation. And last but not least, the new blade guide, the electronically monitored false clamp plate and the manual fine adjustment of the backgauge guarantee exceptionally precise cutting results."

Maximum safety is a priority in all IDEAL guillotines, and THE 56 is no exception. *Ralph Gärtner: The machine meets the highest safety requirements. The safety equipment includes an IR safety light curtain on the front table and a closed rear table, a two-hand cut release via EASY-TOUCH and also the electromechanical blade drive with integrated safety control. Even blade and cutting stick changes or blade depth adjustment procedures are entirely safe and practical. This is underscored by the PIN access lock with password protection, which means the guillotine may only be operated once the PIN has been entered."*

Service work is easy to carry out using the interactive assistance. *Ralph Gärtner: "So, for example, with the help of a range of animated videos, you can change blades and cutting sticks yourself, as easy as pie. Service settings such as the cut counter, and much more, can also be called up with ease."*

The integrated help function and FAQs in the programme also ensure excellent user-friendliness. All updates for the guillotine can be downloaded via the USB stick supplied, ensuring that the user is always up to date with the latest software.



Ralph Gärtner (Druckmaschinenservice Berlin, left) with his customer Ronald Partsch (Printec, right).

Ralph Gärtner: "I can certainly recommend THE 56 guillotine from IDEAL. Where else would you get a fully hydraulic machine with all these features? What's more, you get a large service network for IDEAL products across the whole of Germany."