



KUNDIG *Uniq*

Our industry leading edge sanders are extremely versatile, offer the highest sanding quality and their solid construction ensures decades of reliability. All models feature the 45 degree pivoting sanding unit, which oscillates with a stroke of 90 mm (3.5"). The *Uniq-S* also features a robust feed system that accurately controls your parts through the sanding process. The *Flash* model also has this feed system but is designed for sanding sealer, primer and lacquer edges.



KUNDIG *Master*

Our *Master* series wide belt sander combines all the features that are essential for fast, reliable sanding to a perfect surface quality. High production of these standard configuration wide belt sanders deliver Kündig engineered quality, great sanding performance and maximum durability at an affordable price.



KUNDIG *Technic*

With our *Technic* series, almost everything is possible. These machines are extremely customizable, allowing us to offer solutions for virtually any sanding application by utilizing Kündig's proven portfolio of technologies that include: our oblique sanding for a defect free finish, high-precision solutions for tolerances (.0004"/.01mm), line integrated industrial systems and the processing of special materials such as composites, plastics and many more. Thanks to three quarters of a century of experience and our modular machine design, we can offer configurations engineered for your specific requirement. Kündig is also known for developing new sanding technologies either working in close cooperation with the customer or in our extensive R&D Lab where we strive to remain at the cutting edge of the industry.

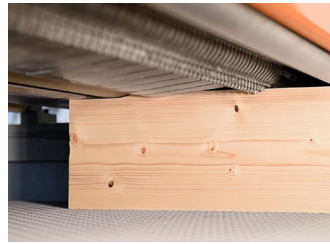
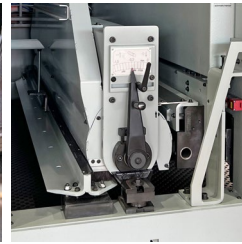
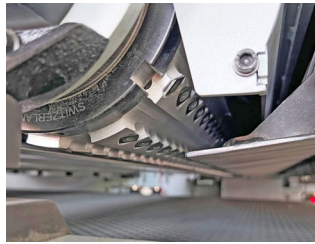
Some Application Examples of our *Technic* Series:



High end joinery solutions featuring a wide variety of sanding technologies. Completely customizable.



Bottom-Top (and side-to-side) sanding solutions that allow perfect sanding of all workpiece sides in just one pass.

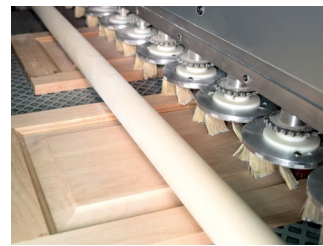


Sanders with an integrated planer head unit for very high stock removal applications. These machines have wider working widths than usual planers and the advantage of combining the planer head with sanding units for perfectly finished pieces in one pass.



Industry line integrated sanding and brushing solutions

capable of best finishing quality at high feed speeds and extreme longevity even with many years of non-stop operation.



A wide variety of **brushing solutions** ranging from a simple add-on brush unit for a sander to fully fledged industrial grade brushing machines for texturing and distressing applications.



Sanders for wood construction and carpentry specially designed for high work piece weights and dimensions

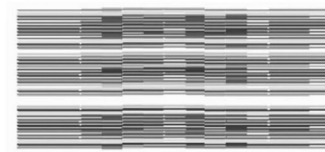
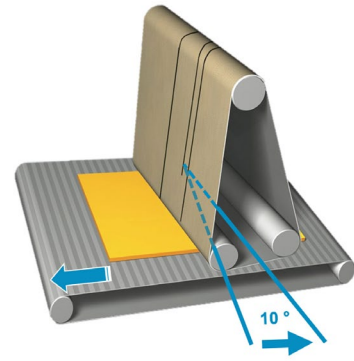
...and many, many more.



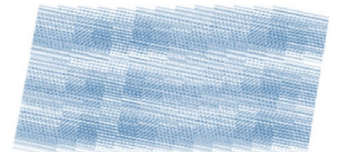
Our Oblique Sanding Technology

In conventional sanding, abrasive belt defects, such as clogged abrasive grains or grit breakouts, always move parallel to the feed and therefore always run at the same position over the length of the workpiece, which creates undesirable oscillation marks. With our patented oblique (diagonal) sanding technology, the sanding belts rotate at a slight angle to the feed and are therefore never engaged at the same point. The oscillation marks „fade“ on the workpiece surface. There are many advantages that come with our oblique sanding technology:

- Absolutely homogeneous and perfectly finished surfaces
- Irregularities on sanding belt leave no oscillation traces
- Heavily reduced scratches on cross-grain areas
- Less strain on the sanding machine
- Simple technical handling
- Less consumption of abrasives (wide belts)
- Less consumption of lacquer (due to almost no raised fibers)



PARALLEL



OBLIQUE
(diagonal)

KUNDIG Cados Revolution in grain directional sanding

Our exclusive *Cados* technology addresses a problem for which there has been no satisfactory solution until today: the perfect sanding of workpieces with different grain directions such as classic 5-piece cabinet doors. Thanks to camera-assisted workpiece scanning and highly specialized sanding units, this advanced technology allows to separately sand every area of the workpiece fully automatically and with extreme precision along its grain direction (long grain or cross grain).



Segmented Platen Technology - Maximum Speed and Precision

Our segmented platen technology is industry leading. It allows for sanding of veneered and lacquered workpieces with the highest level of precision.

- Edge sanding pressure (left/right) can be precisely modulated. Asymmetrical adjustments are possible.
- Segment extension and retraction can be delayed or accelerated in order to modulate the sanding pressure on front/back workpiece edges.
- Overall sanding pressure can be adjusted as well.
- Adjustments for specific work pieces and materials can be saved as part of our sanding programs.
- Our High Speed Segments *HSS* offer exceptional sanding precision.
- The detection rollers at the machine inlet are the exact same width as the segments offering high precision and segment control.
- Despite the high end technology, the control panel remains simple and intuitive. Adjustments can be made on the fly.

