

PG HOLZBAU SERVICE

# Plug and Play

## First further developed cutting machine in use

When Peter Gerstenmayer bought his first used Hundegger machine in 2011, he never thought that he would be able to call a brand-new Speed-Cut 480 – the first of its kind worldwide – his own twelve years later. It is a remarkable investment in every way.

✂️ & 📷 Martina Nöstler

Originally, Hundegger's first Speed-Cut series was designed as a fast cutting machine for wood of smaller dimensions. Last year, this model underwent an extensive upgrade – among other things based on customer feedback. Since the autumn of 2022, the first Speed-Cut 480 has been in use at PG Holzbau Service in Karlstetten. The company specializes in contract joining and also offers its partners a comprehensive service, such as transporting elements or sending skilled workers for the assembly.

### Partner in development

In 2011, managing director Peter Gerstenmayer invested in his first Hundegger machine, i.e. a used P10. The Speed-Cut SC3 followed in 2015 and the Robot-Drive in 2019. "When we were in the middle of developing the Speed-Cut 480, we invited Peter Gerstenmayer to Hawangen. We showed him the machine and offered him the opportunity to put the first Speed-Cut 480 through its paces as a partner in development," Arno Gaggl, Hundegger's sales representative in Austria, says. "I immediately accepted the offer because it was a great opportunity for me," Gerstenmayer adds.

In the summer of 2022, Gerstenmayer made room for the new acquisition in his processing hall and moved the old SC3 to another building. "For a while, we were even able to work with three Hundegger machines," the managing director tells us. Recently, the company found a new "home" for the SC3: The machine will go into operation at Weissshaidinger Ingenieur-Holzbau in Taufkirchen an der Pram in February.

**„Instead of having a performance of 100 %, the machine easily reaches 130 %.“**

*Peter Gerstenmayer,  
Managing Director of PG Holzbau Service*

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### More than "just" cutting

With the Speed-Cut 480, Hundegger now offers a cutting machine that is actually a full-

fledged joinery machine thanks to the additional technical features. "With the Speed-Cut 480, we want to offer our customers a machine not only for fast cutting but also for standard joinery work for elements with smaller cross-sections," Gaggl explains. As part of the upgrade, the Speed-Cut 480 was also equipped with a five-axis unit. The saw unit can be rotated 360° and tilted 90° and can carry out almost all types of cuts, such as birdsmouth joints, miter cuts or tenons. The turret mill unit can be equipped with up to four tools, making it possible to create nibbed scarf joints, key joints or tenons. Concealed recesses are possible on all six sides of a construction element.

"Compared to the previous model, the Speed-Cut 480 can be used for all carpentry connections and for cross-sections of up to 240 x 480 mm," Gerstenmayer explains and adds: "Last year, we acquired a new customer for whom we do log house joinery work. Thanks to the Speed-Cut 480, we can join elements with maximum precision free up capacities on the Robot-Drive." According to Gaggl, the patented HMC measuring system (Hundegger Motion Control) also ensures high precision. The Speed-Cut 480 in use at

tion or type of processing," the carpentry expert explains.

Hundegger not only improved the technology at the heart of the Speed-Cut 480 but also gave the machine a new, modern design. Thanks to its compact build, the machine could be assembled in one piece. "The Speed-Cut 480 doesn't take up a lot of space and there is no need for an additional pit for disposal either. You simply set it up, turn it on

and start producing," Gerstenmayer tells us. A conveyor belt transports the sawdust and wood waste to the rear of the machine, which is also equipped with a dust extraction system.

"For me, the Speed-Cut 480 was a big surprise. Its performance is much better than you would expect from such a machine," Gerstenmayer says, who is extremely satisfied with his investment. //



- 1** Hundegger's first Speed-Cut 480 has been in use at PG Holzbau Service for a few months and convinces with technical innovations and a modern design
- 2** Great partnership: Arno Gaggl with Peter Gerstenmayer and his employees Ralph Fehringer and Phillip Berger (from left)
- 3** What was initially a cutting machine has now become a full-fledged joinery machine thanks to the extensive range of tools and five-axis processing
- 4** The Speed-Cut 480 can handle cross-sections of up to 240 by 480 mm and can carry out all types of processing, such as drilled holes, tenons, birdsmouth joints or nibbed scarf joints
- 5** PG Holzbau Service's new Hundegger machine is designed for lengths of up to 18 m
- 6** Double Hundegger power: the Robot-Drive on the left, and the new Speed-Cut 480 on the right. Since both work with the Cambium software, orders can be easily processed on both machines

