

Ligna 2019

'Vertical 4.0' – Striebig scores with cutting optimisation

The Lucerne specialists are showcasing comprehensive 'Vertical 4.0 Solutions' for the application of vertical cut-to-size technology at Ligna in Hanover (Hall 12 B40). Whether it's optimised work processes, less waste, the best cutting quality and precision or a consistent flow of data from preparation to sawing: Striebig offers a comprehensive portfolio of services for it. It also goes without saying that there's retrofittable cutting optimisation or a software package that can be directly integrated into vertical sawing.

Retrofittable OptiDivide cut optimisation is independent of the machine control. It can be used with many Striebig models ranging from 2001 models to those of today. OptiDivide imports parts list data from standard market ERP and CAD systems, as well as Excel files in CSV format. The operator optimises complex cuts using software, either at the office workstation or directly whilst sawing. Visualisation on the touchscreen then takes the operator through the necessary work flow. OptiDivide combines hardware and software in a compact aluminium casing. There is an integrated 12" touchscreen computer with installed software, a WLAN network connection and a label printer.

BaseCut CON and ExpertCut CON provide more options. Both solutions are specially tailored to the new CONTROL model. With these cut optimisation options the CONTROL is equipped with the EPS.x electronic positioning system and ASP automatic saw beam positioning as standard. The systems are differentiated by the scope of the respective software package.

ExpertCut is the perfect system for 'Vertical 4.0'. It imports records for cutting optimisation from standard market ERP or CAD systems, and of course from CSV-format Excel files as well. The software is installed on the user's production planning workstation. The user can also process and manage order, material and parts lists. ExpertCut transfers optimised cutting layouts directly to the saw through the network connection (LAN; also possible via WLAN). With BaseCut the CONTROL operator creates simple parts lists and optimises these directly on the 12" saw touchscreen computer. Both products guarantee visualisation and operator guidance using the saw touchscreen and label printing from the printer which is directly on the saw.

As the first vertical panel saw, Striebig's top-of-the-range 4D model has been offering general intelligent cutting optimisation for five years already. With the widely usable and retrofittable OptiDivide system, and BaseCut and ExpertCut for the current CONTROL, Striebig now covers all available models with a cutting optimisation solution, from the entry-level COMPACT model (retrofittable from a year of manufacture of 2004) to the high-end saw.

striebig.com

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Fig. 1/2

Optimised operator guidance with 12" touch screen computer, EPS.x electronic positioning system, ASP automatic saw beam positioning, label printer directly on the saw and network connection make it possible to equip the new Striebig CONTROL with BaseCut or ExpertCut CON cutting optimisation software.

Fig. 3

The basic requirements for 'Vertical 4.0' on the new Striebig CONTROL: 12" touch screen computer with optimised operator guidance, EPS.x electronic positioning system, ASP automatic saw beam positioning, label printer directly on the saw and network connection via LAN or WLAN.

Fig. 4

OptiDivide - retrofittable cutting optimisation - combines hardware and software in a compact aluminium casing. There is an integrated 12" touch screen computer with installed software, a WLAN network connection and a label printer.