

SOLID PROFILE P 3000

TOMORROW'S PROFILE

PRODUCTION



The SOLID PROFILE P 3000 offers an economical and future-proof solution for businesses with a wide variety of profiles and frequent profile changes in the face of challenges such as a shortage of skilled labour, increasing product diversity and ever smaller batch sizes. Tomorrow's profile production enables fully automatic profile changes without operator intervention. This results in consistently high product quality and calculable set-up times.

TECHNICAL DETAILS

Spindle arrangement	B-R-L-T-B-T-B
Working width	min./max. 20 – 230 mm
Working height	min./max. 10 – 160 mm
Feed speed	5 – 40 m/min
Spindle speed	12,000 rpm
Tool taper	PowerLock
Machine control	WMC
Machine infeed	DESTACK VA 2000 and PROFILE FEED FM 1000
Machine outfeed	OUTFEEDT 1200

TOP BENEFITS

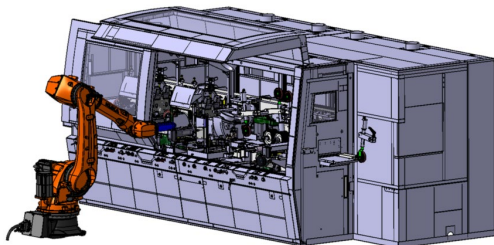
- Reduction of waste by eliminating sources of error
- Relief for machine operators and increased safety
- Consistently high product quality regardless of the machine operator

WEINIG OFFERS MORE.



SOLID PROFILE P 3000

HIGHLIGHTS THAT MAKE THE DIFFERENCE

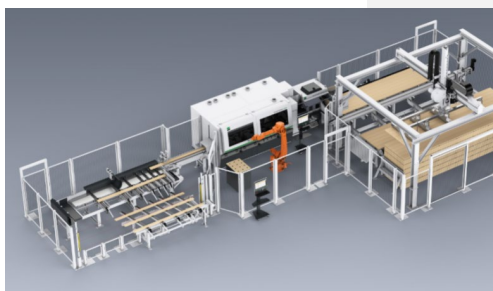
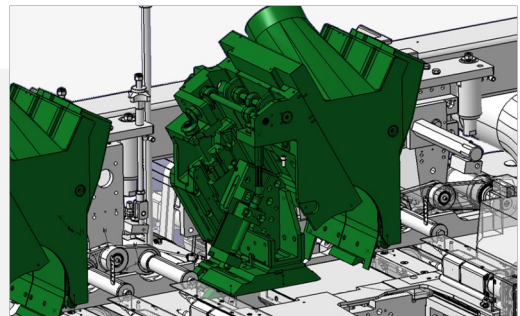


Automatic tool change using a robot

With the help of an external tool magazine, a robot takes over all tool changes on the machine. The profile change is carried out within a very short time and without operator intervention - reliably and with repeat accuracy.

Automatic positioning

The spindles, the pressure elements and the table plates on the vertical spindles move into position automatically after the tool change. All settings are made as if by magic and independent of an operator's skills.



High degree of automation in the machine environment

The key to maximising the performance of a machine is in its environment. The mechanisation of the infeed and outfeed ensures a continuous material flow with gentle handling of the workpieces.

Central master computer

The master computer controls all system components with production jobs and allows the operator to monitor the system from a central workstation.

