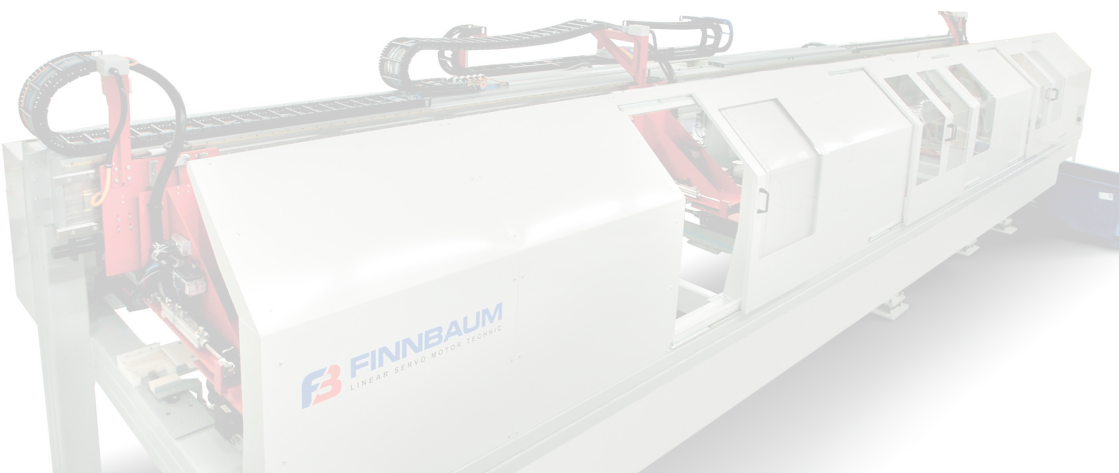
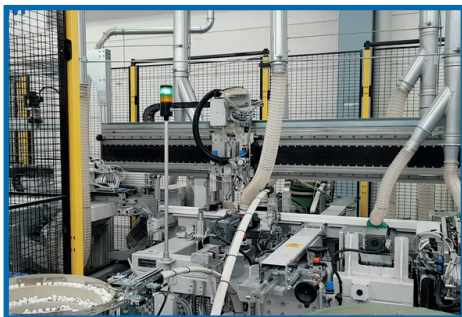


FINNBAUM

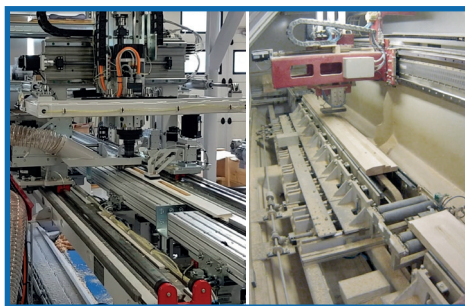
WINDOW & DOOR MANUFACTURING MACHINES





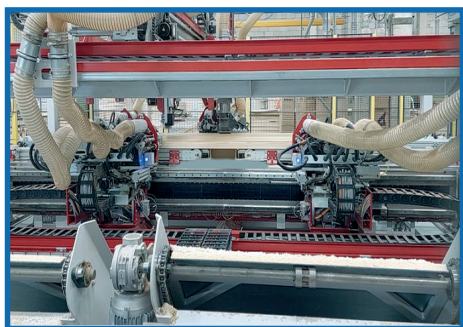
Aluminium part production machines

Aluminium part manufacturing machines and lines. The systems consist of machines for profile handling, sealing, silconing, milling, cutting, fitting installation and automated interim storage. Our material optimizing program minimizes the loss of aluminium.



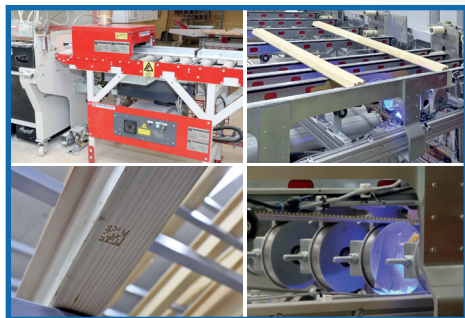
Frame and sash milling machines

Efficient trough feed machines with a robust and fast technology made by linear servo motors. Milling can be done on all four sides and units can be equipped with tool magazines.



Door milling machines

Through feed milling machines for door leaves. Linear servo motors ensure a high capacity together with very precise milling. Milling machines can be equipped with tool magazines to get high flexibility for different products.

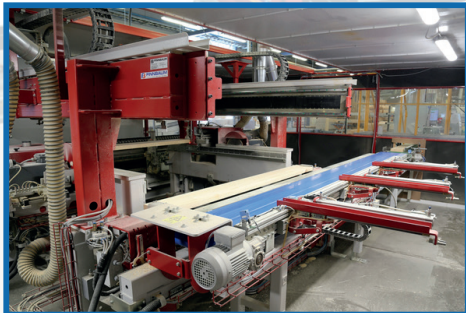


Traceability solutions

Material traceability solutions throughout the production process all the way to the end customer. Markings are made with lasers integrated in the production system. Data matrix readers identify and trace each piece. The markings can consist of a data matrix and visible letters and numbers.

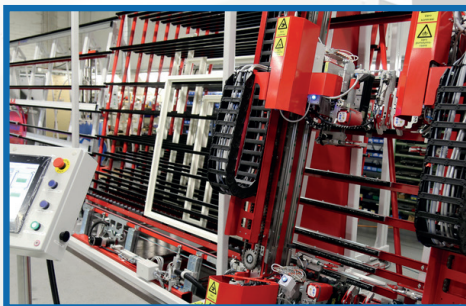
Tenoning machines

Tenoning machines for high-capacity line solutions equipped with linear servo motors. Machines are also available for flexible production with minimized need for tool changing thanks to intelligent use of tools and programming.



Assembling and sealing machines

Fully automated assembling solutions for windows and doors consist of presses, gluing devices, screw drivers, nailing or stapling guns and robots for material feeding. Automated cells together with sealing and fitting installation machines frees labor from simple work to other tasks.



Fitting installation machines

Installation machines for hinges, locks and other accessories used in windows and doors. Milling and drilling can be merged within the same machine to ensure accuracy for automated installation.



Wooden part production lines

Turn-key deliveries for frame and sash production lines are designed to meet customer requirements for capacity, flexibility, and level of automation. Finnbaum takes responsibility for the line, granting CE-approval even in cases where some devices will be acquired by the customer.



Kivioja Engineering Oy is a well known line and machine solution provider for the building carpentry and prefabricated house industry. Our relationship with our customers is based on building long-term partnership and trust in accordance with the values of a family business. Our price-quality ratio is excellent.

Ever since the company was started it has grown with responsibility and was founded in the year 1993. Our own design and automation department ensures that operations work with no dependencies on others with machine design and long term product advancement.

SOLUTIONS FOR WOODWORKING INDUSTRIES



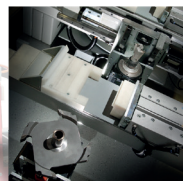
For wood, aluminium and composite materials

Energy efficient machines using latest technology specialized for working with wood and aluminium. The core of our service is to improve production by utilizing automation solutions.



Automated production lines

We offer fully automated production lines for door and window manufacturing. Our special strengths and skills include automated sealing, fitting and fixture assembly, tenoning, milling and automated material handling with robots and manipulators. The products are traceable on the product lines all the way to the end client.



Services

We improve our client's production line while taking the whole picture into account. We offer services starting from research and planning, and maintain and upkeep the machines and production lines we have delivered together with our client.

Finnbaum

Joutsentie 11
84100 YLIVIESKA, Finland
p. +358 (0)40 830 6165



Sales

Simo Leiviskä
simo.leiviska@finnbaum.com
+358 (0)44 711 8329