

# MARINUS

## Endmatcher & Defect Saw

The Marinus Powermax Endmatcher is designed for head-end machining tongue and groove on floorboards, decking and cladding, producing fixed and variable lengths.



[www.marinus.biz](http://www.marinus.biz)

## About the Endmatcher

The machine can cut to length, cut out defects, and do head-end profiling, all in a single pass of the wood through the machine.

When feeding wood into the machine it is possible to mark defects, like knots or cracks, with a luminescent crayon. The machine will cut out these defects, including the crayon lines.

Before the profiling takes place the wood is brought to a stationary position, fixed sideways and clamped to an accurate reference surface above. This results in very high profile accuracy, with no noticeable edge on the top of the boards when they are fitted together.

This clamping system combined with two pre-cut aluminium backing blocks effectively prevents blow-outs and splintering.

The mechanisms of the machine (clamping, cutting, and profiling) are driven by Lenze servo motors.

Because the wood travels lengthwise through the machine, it can handle long lengths and can produce head-end profiles on wood with variable lengths. It can also be set to produce fixed or round lengths.

The machine is controlled on a user friendly touch screen panel.

## Technical Specifications

Description	Value
Weight:	3200 kg
Power:	32 kW
Air pressure:	6 bar
Dimensions (LxHxB):	2800 x 2000 x 1600 mm
Mill diameter:	125 mm
Saw blade diameter:	450 mm
Dust extraction diameter:	1x 200 / 2x 120 mm
Air speed extraction:	30 m/sec

## Functional Specifications

Description	Value
Lengths:	450 - 6000+ mm
Widths:	50 - 300 mm (500 mm optional)
Thicknesses:	8 - 50 mm
Capacity:	Up to 20 pieces/min
Length modes:	Variable / Fixed / round lengths

## Remote support

Marinus offers customer support worldwide. All new machines are equipped with an online remote support system.



## Contact

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## About Marinus

Marinus is a family-owned and operated company. All machines are engineered and built in Bakkeveen, The Netherlands.

The machines that we offer today are the result of three decades of incremental improvements and complete redesigns, resulting in refined machines that are built to last.



One of the two profiling heads