

# RB-1 SMART AUTOMATIC BANDSAW FIXED WEIGHT SINGLE & DOUBLE CUT

**MAINALI**  
LONG LIFE TECHNOLOGY



*\* Non-binding image, slight variations may occur.*

The **automatic bandsaw RB-1 Smart** is designed to work automatically and precisely. The scanning of the workpieces allows the **product to be cut to the exact weight**. In addition, our **machine is versatile and allows** to fill the 800mm table and cut according to the programmed thickness of any frozen or fresh product, whether it is meat, fish or vegetables.

The patented double cutting system allows a precise cut and a considerable increase in production.

**It has multiple configurable parameters, being able to work with exact weight, weight by priorities, exact size, variable measures...**

For its use, it does not require a qualified saw operator. Once the recipes have been configured, the operator only has to load the product and press the start button. Simple and efficient.

The clamping clamps are adapted according to the product to be cut, thus minimising waste to a minimum.

## TECHNICAL CHARACTERISTICS RB-1 SMART

ELECTRICAL POWER 15kW

AIR CONSUMPTION 400L/min

WEIGHT 1800Kg

VOLTAGE 380-480V III+PE o 220-240V III+PE

OVERALL DIMENSIONS 3102mm L / 2350mm W / 2032mm H

TABLE SIZE 1350mm L / 800mm W / 230mm H

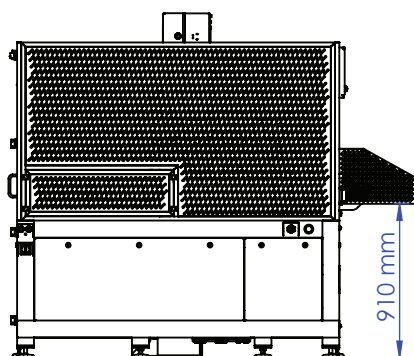
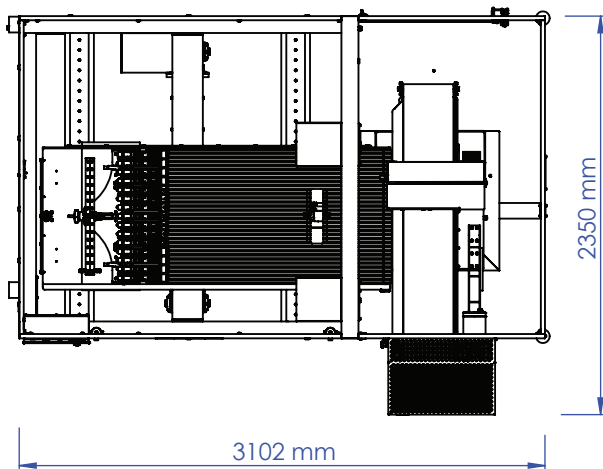
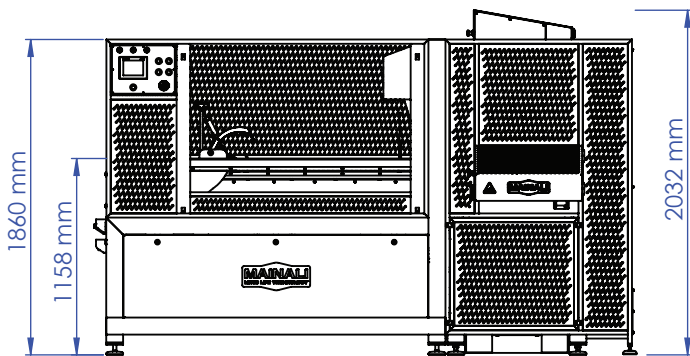
MAX DIMENSIONS OF PRODUCT BY WEIGHT  
850mm L / 270mm W / 230mm H

MINIMUM AND MAXIMUM CUTTING THICKNESS: 1mm a  
300mm

MAX. SCANNING DIMENSION: 900mm L / 300mm W / 230mm H

## TECHNICAL CHARACTERISTICS

### RB-1 SMART



Large loading area with safety light barriers.

Table for product placement made of FDA plastic.

Workpiece clamping by means of clamps with stainless steel pneumatic actuators.

Scanning of the part by means of 3 integrated 3D laser cameras, 360° capacity.

Automatic camera calibration system.

Cutting by weight or part length, according to recipe.

Single or double cutting system (patented).

Single high-performance cutting by movement linking.

The table and clamps are driven by servomotors with gearboxes.

The table and clamps are supported by stainless steel line guides.

Cut product outfeed conveyor with variable speed drive.

Conveyor with reverse rotation discriminator.

Easy to dismantle equipment for cleaning.

Screen with easy and intuitive software, with data control.

Equipped with remote connection.

Schneider brand electronics.

### OPTIONAL

BELT DISCRIMINATOR

AUTOMATIC SAWDUST EXTRACTOR

SYSTEM 4.0