

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

**MAINALI**  
LONG LIFE TECHNOLOGY



The **IRBC Smart** and **RB-1 Smart** automatic bandsaws have been designed to work automatically and precisely. The reading of the pieces by scanning allows the product to be cut by the exact weight or by the thickness that has been programmed. Frozen or fresh products, whether they are meat, fish or vegetables.

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

It has multiples configurable parameters, by priorities, which are controlled electronically, such as the selection of weights, measurement ranges, cutting speed, height regulation, air pressure, and advanced and recoil movement.

A qualified saw operator is NOT required.

Once the recipes have been set up, the operator only has to load the product and push the start button. Easy and efficient.

The fastening grippers are adapted depending on the product to be cut, which allows to minimize waste.

## TECHNICAL CHARACTERISTICS RB-1 SMART

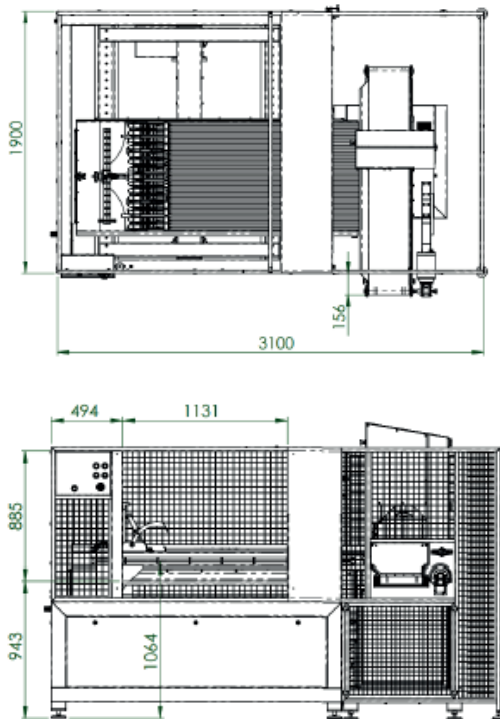
<b>ELECTRICAL POWER</b> 12kW
<b>AIR CONSUMPTION</b> 4L/cycle
<b>WEIGHT</b> 1800Kg
<b>VOLTAGE</b> 380-490V III+T or 220V III+T
<b>TABLE SIZE</b> 1350mmLx800mmW
<b>FOOTPRINT</b> 3100mmLx2056mmWx2029mmH

## TECHNICAL CHARACTERISTICS IRBC Smart

<b>ELECTRICAL POWER</b> 10kW (single cut) 12kW (double cut)
<b>AIR CONSUMPTION</b> 2L/cycle
<b>WEIGHT</b> 1400Kg
<b>VOLTAGE</b> 380-490V III+T or 220V III+T
<b>TABLE SIZE</b> 1350mmL x 500mmW
<b>FOOTPRINT</b> 2941mmLx1410mmWx1984mmH

## TECHNICAL CHARACTERISTICS

### RB-1 SMART



**3 3D laser cameras integrated in the machine with 360° reading**

**Equipped with 4.0 System.**

**Easy and intuitive software with data control (\*)**

Priority Programming System

Automatic self-calibration

QPS certified security system

Software with various levels of security depending on the operation

Clean Design stainless steel pneumatic cylinders

Schneider brand certified electronics

Easy Click removable, lightweight FDA exit belt

POM-C exit belt with FDA Intralox certificate

Belt motor IP-69K Clean Design

Maintenance-free stainless steel shaft motor

Customizable grippers according to need

Exit conveyor belt reverse rotation discriminator

THK Premium stainless steel support guides

Stainless steel traction guides with 85mm belts

Guides with precision gears and Schneider servos

Schneider IP-69K Safety Barriers (\*)

Chassis with anti-dust and anti-water ingress brushes

High hardness table FDA-certified high capacity POM-C

Doors with special anti-water and anti-dust seals

Stainless steel trolley traction guides

High cutting speed with motion link

### OPCIONAL

PIECE CLASSIFIER BY WEIGHT: UP TO 6 EXITS.

SAWDUST EXTRACTOR (\*)

**(\*) IT DOES NOT APPLY TO IRBC SMART SINGLE CUT MODEL.**

### IRBC-1 SMART

