

SCORD

BREAD DOUGH SCORING ROBOT

Meet SCORD;

Our patented technology that eliminates human labour and enables ideal scoring operation!

The 3D visioning system in SCORD scans every single dough on the production line with no mistake and creates unique 3D maps of each. It then calculates the ideal scoring path for each dough and transfers this information to its robotic subsystem. Our talented robot does the rest and creates perfect cuts on every dough. And it does not forget to clean its blade!

The operation is completely autonomous where no operator intervention is needed. SCORD automatically adapts itself to production line speed as it stands by in the absence of doughs.

SCORD is developed to work on conventional tunnel oven lines with fabric belts; but it can also work with metal trays or wooden boards.

In addition to superior scoring capabilities, SCORD provides production analytics to the user.

SCORD is "field-proven" to work 24/7 under harsh temperature, humidity and dust environment.

**Save your scoring labour and reduce your costs! Boost your production and profit!
Assure food safety with SCORD!**

Features

- Fully autonomous operation
- Compensates dough shape, position and orientation irregularities
- Various scoring patterns (linear, curved, angled, cross, etc.)
- Production line speed adaptation
- Automatic blade cleaning
- Blade failure sensor
- Adjustable scoring parameters (depth, angle, offset, curvature)
- Production data analytics and automatic reporting
- Remote access for distant service/assistance
- Online UPS for electricity outages

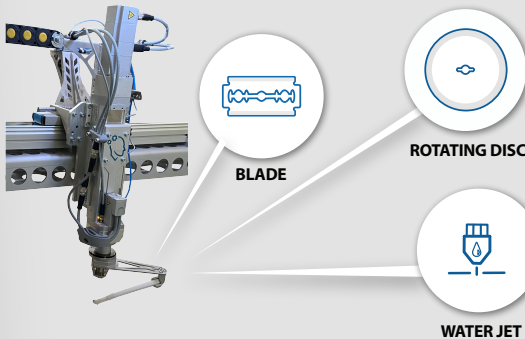
Capabilities

- Capacity/Speed: 4000 doughs/hour
(see SCORD-DUO for higher requirements)
- Production Line Width: Up to 5 meters (Ask for larger width)
- Environment: 24/7 operation in varying light, temperature and humidity conditions (indoor)
- Supply Voltage: 380 VAC
- Weight: 1000 kg
- Dimensions: W: 4500, D: 2400, H: 2000 mm
(For 3 m line width)

Benefits

- Eliminates scoring labour
- Reduces labour and operational costs
- Reduces dough scrap by quality scoring
- Reduces work accidents
- Increases food safety and profitability
- Production data analytics
- Superior return-on-investment

Scoring Attachments



Scoring Patterns

