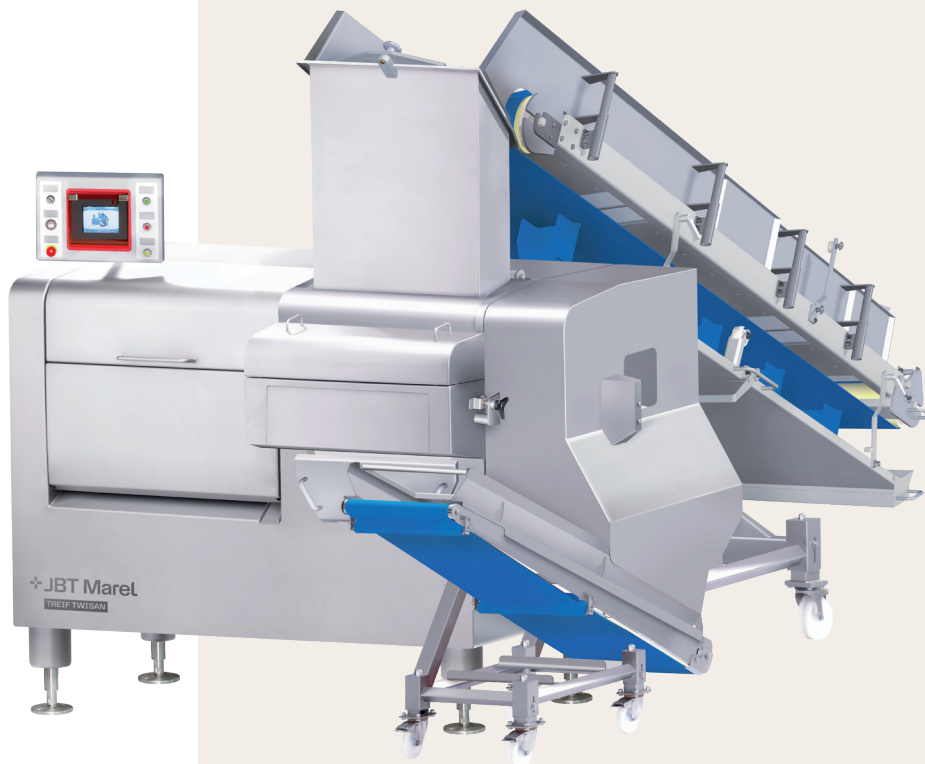




Flexible and efficient dicing
and strip cutting

TREIF TWISAN

- Advanced cutting technology
- Dice fresh, crust-frozen and semi-frozen
- Hygienic and ergonomic design





Flexibility to meet the demands of changing markets

Consistently delivering optimal results when dicing and cutting strips of fresh and frozen raw material. The TREIF TWISAN's hygienic design is robust, ensuring it remains reliable even in the harshest environments. An output of up to 3,000 kilograms per hour makes it ideal for industrial processors who want a high-performance, flexible solution.

Highly efficient cutting from fresh, crust-frozen and semi-frozen

Automatic adaptation

Equipped with Vartronic technology, the TREIF TWISAN automatically adapts the speed of its cutting tools to suit the raw material's temperature and density and prevent knife breakage. Separate drive mechanisms control the lower gridset, upper gridset and blade, providing three-dimensional cutting for accurate, reliable results when dicing and cutting strips of fresh, crust-frozen, and semi-frozen raw material.

Pre-pressing precision

The automatic pre-pressing system optimizes cutting shape and size, ensuring each cube and strip is of the highest quality. The best results are achieved when the 240-millimeter cutting chamber is completely filled with raw material. A back and side-pressing actions remove empty space to provide consistent dices, while a guillotine blade cleanly slices off the excess, which is then automatically used in the next round.

Make first cuts count

A sensor measures the raw material as it comes through the gridset. When the ideal distance is reached, the cut-off knife is automatically deployed. The sensor ensures even the first cut meets specifications to optimize yield.



Fast and efficient changeover

A variety of gridsets and cutting discs maximize flexibility and product versatility to keep up with demands of rapidly changing market demands. Improve changeover ease with the optional wall bracket to store gridsets in a clean environment, ready to access when needed. And a tool cart that ensures everything needed is on hand to switch out knives and optimize operator ergonomics.

Increase uptime with robust design

The TREIF TWISAN has an eight-point fixing system and ideal tensile force of gridsets to maximize load bearing ability, hardened stainless steel cam rollers, and a sensor for block height-control which automatically stops before oversized blocks enter the cutting chamber, preventing downtime and keeping production moving.

Maximum hygiene

The opening design of the TREIF TWISAN allows easy and efficient cleaning, as well as simplified disassembly and reassembly for improved maintenance. The FDA-approved gridsets are designed for maximum hygiene and can be disinfected by boiling.

The hygienic design continues across all aspects of the TREIF TWISAN. Product separation prevents cutting residues from entering end-products and there are a variety of optional collection devices. Double seals on the gridsets, blade shafts and the hygiene cylinder protect raw material and end products from contamination by hydraulic oil, foreign bodies, and moisture.

Eco dicing

The dynamic hydraulic system (DHS) dramatically reduces energy consumption by only using the energy needed to make cuts, brake-energy conversion and oil quantity control. The slower moment of inertia also extends equipment life. The DHS design also minimizes heat generation, helping to keep products fresher and extend best-before dates.

Tailorable to meet specific needs

Improve processing throughput and increase line flexibility with optional inclusions. Choose between automated loading with an infeed conveyor belt or semi-automated loading with the lift and tilt system.



TECHNICAL SPECIFICATION

Max. output per hour (theoretical maximum)	3,000 kg (6,613 lbs)
Max. cut-off length	1-75 mm (1/25-3")
Max. blade speed per minute	400
Cutting chamber size	Width: 150 mm (5 9/10") Height: 150 mm (5 9/10")
Max. infeed length	620 mm (24 2/5")
Housing dimensions	
With conveyor belt	Length: 2,345 mm (92 3/10") Width: 4,660 mm (142") Height: 2,415 mm (95")
With lift-tilt-device	Length: 3,600 mm (183 1/2") Width: 3,000 mm (118 1/10") Height: 3,400 mm (134")
Gridset dice dimensions (further options on request)	8, 10, 12, 15, 17, 19, 21, 25, 30, 37.5 mm (3/10, 2/5, 1/2, 3/5, 7/10, 3/4, 4/5, 1, 1 1/5, 1 1/2")
Connecting load	15.0 kW
Weight	Approx. 1,300 kg (2,866 lbs)
Accessories	On request

+ Service

Achieving a lifetime of performance, together

Whatever your processing needs – from the products you run to the scale you operate in – our broad service capabilities, proactive ProCare agreements, expert know-how and extensive coverage mean **you've got the support you need – where and when you need it.**

Reach out today to explore what service options best fit the needs of your site, production, staff and budget together with your dedicated Customer Care Manager.

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