

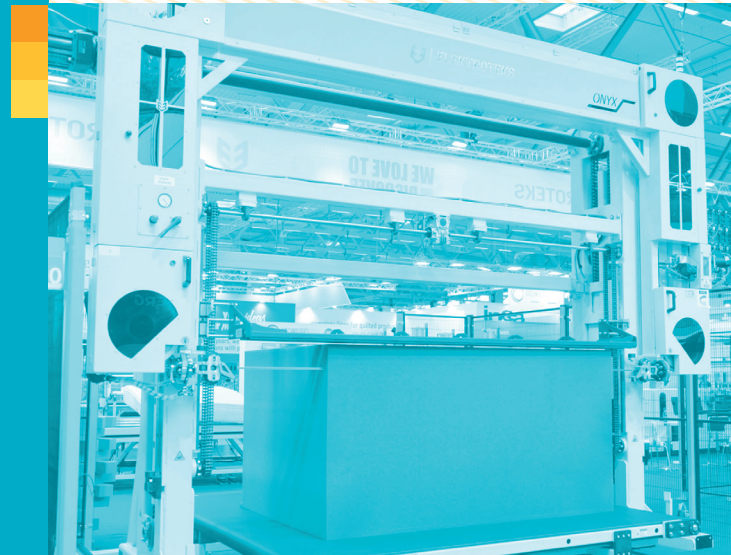


ONYX

AUTOMATIC HORIZONTAL AND VERTICAL CUTTING MACHINE WITH ROTATING CONVEYOR TABLE

*DÖNER KONVEYÖR TABLALI
OTOMATİK YATAY VE DİKEY KESİM
MAKİNESİ*

FOAM
MACHINES | SÜNGER
MAKİNELERİ



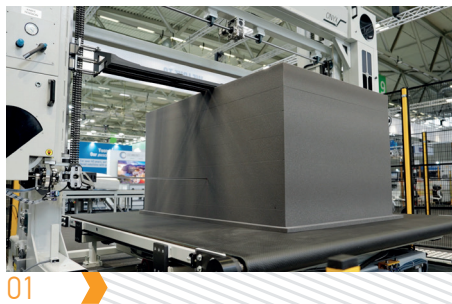
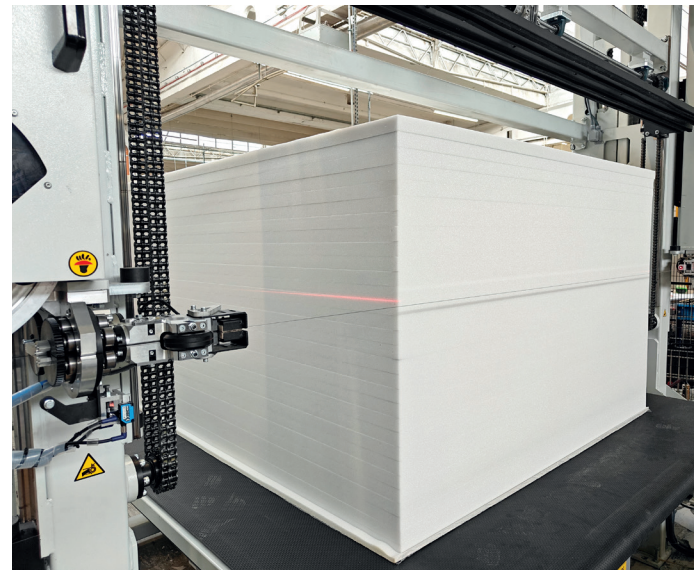
ONYX is the next-generation foam cutting machine that seamlessly combines horizontal and vertical cutting in one compact, high-performance system. With a servo-driven dual-axis cutting mechanism and automatic rotating table, ONYX enables 3D foam processing with precision and speed—making it the ideal all-in-one solution for mattress and foam manufacturers seeking maximum productivity in minimal space.

Its double-edged band knife delivers continuous cutting in both forward and backward motion, significantly enhancing throughput. ONYX can cut mattress side rails and foam sheets in a single pass, while also handling 6-surface foam skin cleaning—doing the job of a full block trimmer in one automated cycle.

Designed for smart manufacturing, ONYX features automated cutting parameter optimization, requiring only the size input to minimize material waste. The intuitive touchscreen control panel allows operators to store and manage recipes, monitor production counters, and execute complex cutting jobs effortlessly.

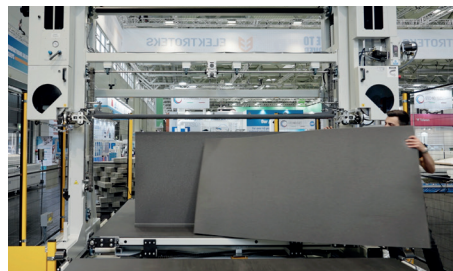
With a monoblock frame design built for long-lasting reliability and consistent accuracy, ONYX sets a new standard in foam processing—powerful, precise, and production-ready.

➤ ONYX, yatay ve dikey kesimi tek bir kompakt, yüksek performanslı sistemde kusursuz şekilde birleştiren yeni nesil bir sünger kesim makinesidir. Servo kontrollü çift eksenli kesim mekanizması ve otomatik döner tablası sayesinde ONYX, hassasiyet ve hızla 3D sünger işleme olanağı sunar—bu da onu, minimum alanda maksimum verimlilik arayan yatak ve sünger üreticileri için ideal çok amaçlı çözüm haline getirir.



01 Automatic Material Holding Presser for Vertical Cuts

Dikey kesimler için otomatik malzeme tutucu pres ünitesi



02 Able to clean sides, top and bottom of the foam block

Sünger bloğun yanlarını, üstünü ve altını temizleyebilme özelliği



03 Automatic Blade Grinding: Programmable blade grinding operation

Otomatik Bıçak Bileme: Programlanabilir bıçak bileme işlemi

TECHNICAL DETAILS / TEKNİK DETAYLAR

ONYX

Max Block Size / Maks. Blok Boyutu	2450 mm x 2600 mm
Block Height / Blok Yüksekliği	200 mm - 1350 mm
Cutting Speed / Kesim Hızı	Up to 45 m/min / Dakikada 45 metreye kadar
Blade Rotation / Bıçak Dönüş Açısı	Pneumatically driven from 0° to 90° 0° ile 90° arasında pnömatik tahrikli dönüş
Compatible Foam Types / Uygun Sünger Türleri	PU flexible foam, visco-elastic foam, rebonded foam PU esnek sünger, viskoelastik sünger, yapıştırılmış (rebonded) sünger
Auto Grinding System / Otomatik Bileme Sistemi	Yes / Mevcut
Auto Block Size Detection / Otomatik Blok Boyutu Tanıma	Yes / Mevcut
CE Certificate / CE Sertifikası	Yes / Mevcut



Excellent ease of use and speed for cutting sheets and mattress rails

*Levha ve yatak kenarlarının kesiminde
üstün kullanım kolaylığı ve yüksek hız*

