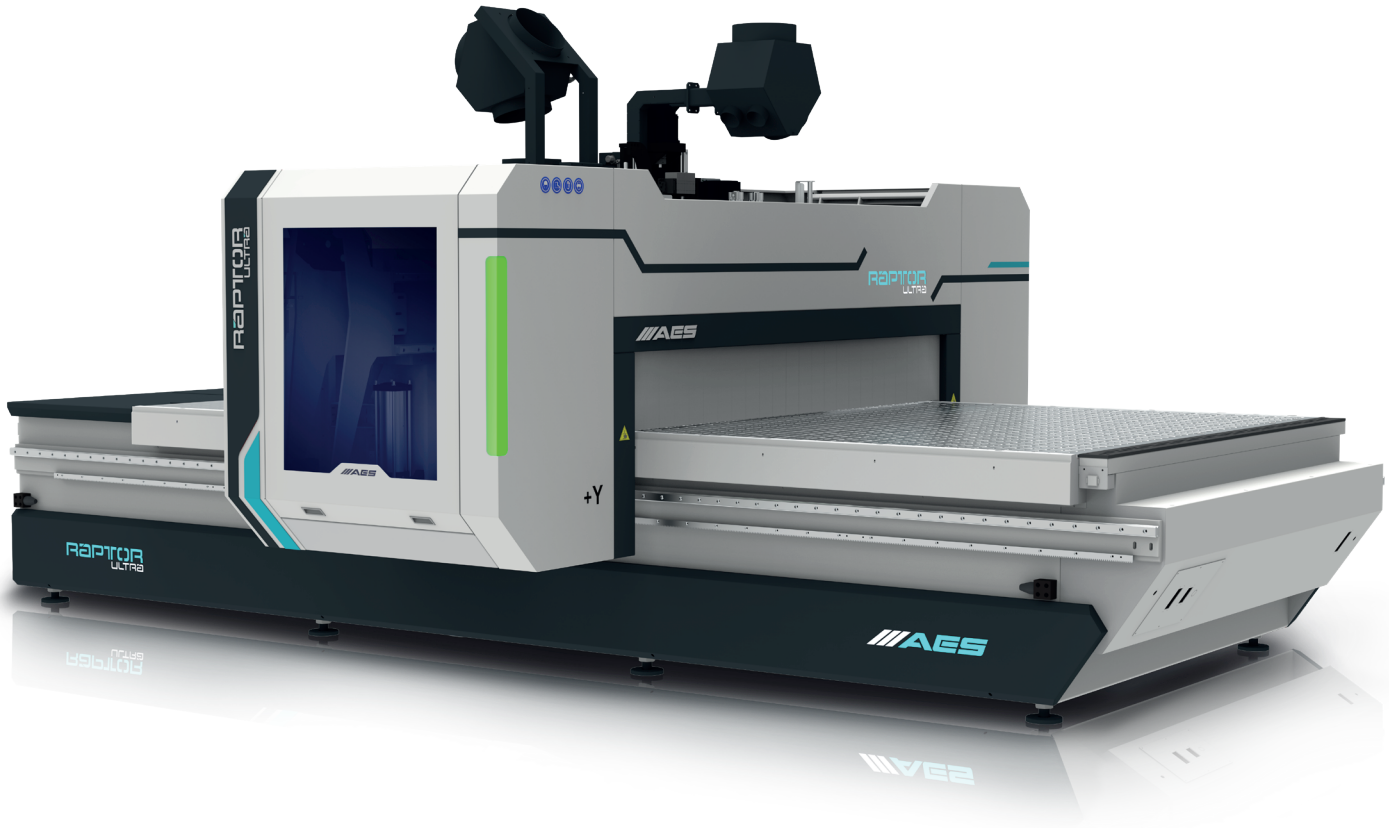
ULTRA SERIES

RAPTOR ULTRA



Ultra Power Performance

Ultra güç, ultra performans
Ultra potencia Ultra rendimiento

EN

Our ULTRA series machinery offers industrial solutions to provide maximum performance even for the most delicate designs and processes. The ULTRA series will support you for all your needs with its flexible configuration, optimizing operation speed and precision thank to its gantry system allowing for excellent acceleration. It ensures that you achieve the best machining results you could imagine thanks to its body structure eliminating even the slightest vibrations.

TR

Endüstriyel çözümler sunan ULTRA serisi makinelerimiz ile en hassas tasarım ve işlemlere dahi tam performans çözümler sunar. Esnek konfigürasyonu sayesinde tüm ihtiyaçlarınız için yanınızda olan ULTRA serisi; Gantry sistemi ile makine çalışma hızı ve hassasiyetini optimum seviyeye çıkararak mükemmel ivmelenmeye olanak sağlar. En küçük vibrasyonun dahi engellendiği gövde yapısı sayesinde işleme esnasında size hayalinizdeki sonucu garanti eder.

ES

Con nuestras máquinas de la serie ULTRA que ofrecen soluciones industriales, ofrecemos soluciones de rendimiento completo incluso para los diseños y procesos más sensibles. Gracias a su configuración flexible, el sistema Gantry de la serie ULTRA, que le apoya para todas sus necesidades, proporciona una excelente aceleración al optimizar la velocidad de trabajo y la precisión de la máquina. Gracias a su estructura del cuerpo que evita hasta la mínima vibración, le garantiza el resultado de sus sueños durante el procesamiento.

Models Modeller Modelo

1325 1300x2500mm

1336 1300x3700mm

1632 1600x3200mm

1640 1600x4000mm

2128 2100x 2800mm

2132 2100x 3200mm

2136 2100x 3700mm

2142 2100x 4200mm

Unlimited Machining With 5-axis Configuration

5 eksen konfigürasyon ile sınırsız işleme

Mecanizado ilimitado con configuración de 5 ejes

EN

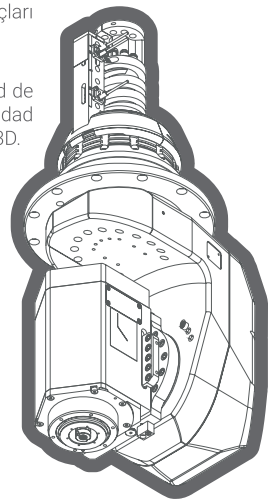
RAPTOR ULTRA high quality 5 axis motor allows you to get the best results with high speed and maximum precision in all complex machining applications including 3D.

TR

RAPTOR ULTRA'nın yüksek kaliteli 5 eksenli motoru, 3D dahil tüm karmaşık işleme uygulamalarında yüksek hız ve maksimum hassasiyetle en iyi sonuçları almanızı sağlar.

ES

Con su conexión de motor de 5 ejes de el motor de husillo de alta calidad de RAPTOR ULTRA le permite obtener los mejores resultados con alta velocidad y máxima precisión en todas las aplicaciones de mecanizado, incluido el 3D.



FLEXIBLE PRODUCTION WITH 4 AXIS CONFIGURATION

4 EKSEN KONFİGÜRASYON İLE ESNEK ÜRETİM

PRODUCCION FLEXIBLE CON LA CONFIGURACION DE 4 EJES

EN

With its high quality spindle motor ensures the best results with high speed and maximum precision in all machining applications including 3D.

TR

Yüksek kaliteli spindle motoru, 3D dahil tüm işleme uygulamalarında, yüksek hız ve maksimum hassasiyet ile en iyi sonuçları almanızı sağlar.

ES

El motor de husillo de alta calidad de RAPTOR ULTRA garantiza los mejores resultados con alta velocidad y máxima precisión en todas las aplicaciones de mecanizado, incluido el 3D.

Processing Unit
İşleme Ünitesi
Unidad De Procesamiento

Every Second Counts

Her Saniyeniz Değerli
Cada segundo es valioso

EN

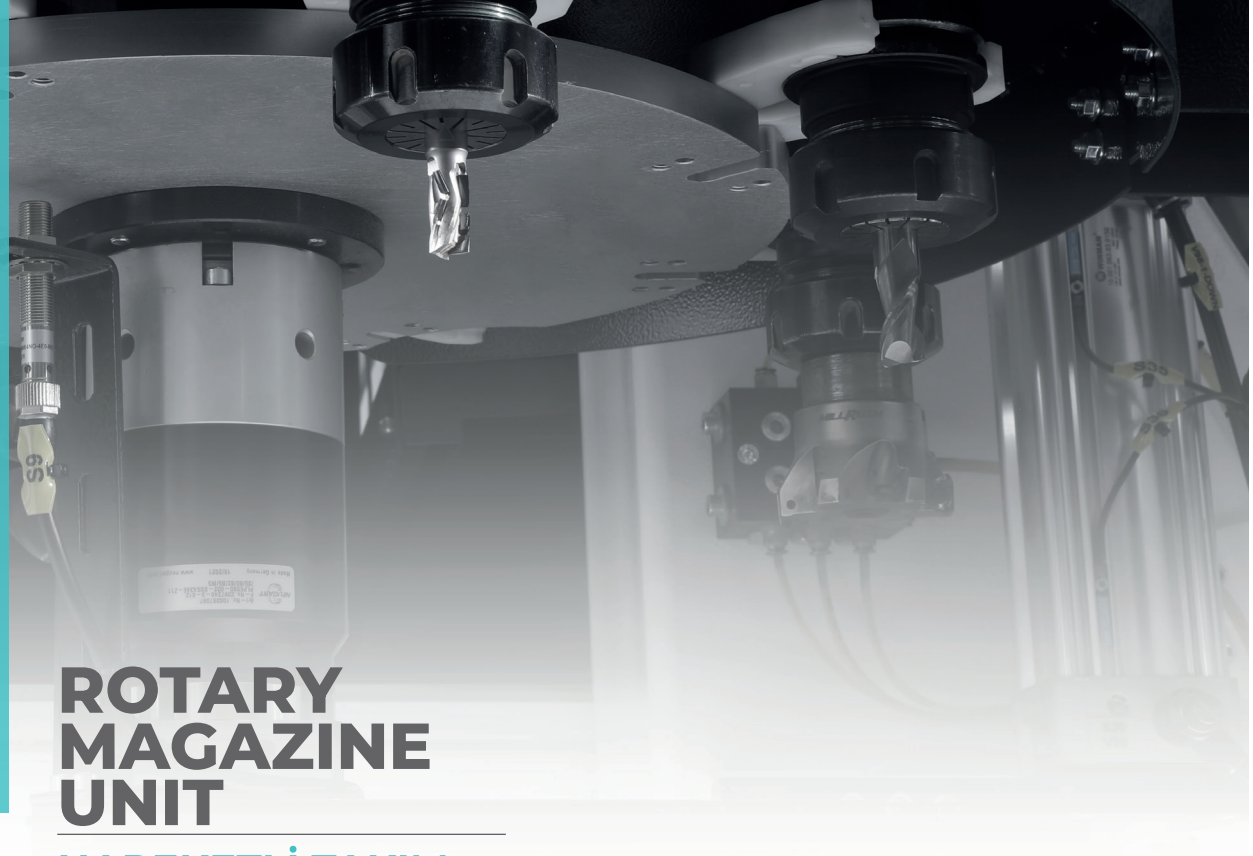
Quickly change tools with the rotary magazine to shorten machining time

TR

Hareketli takım değiştirme ünitesi ile kolay ve hızlı takım geçişi sağlayarak işleme sürenizi kısaltır.

ES

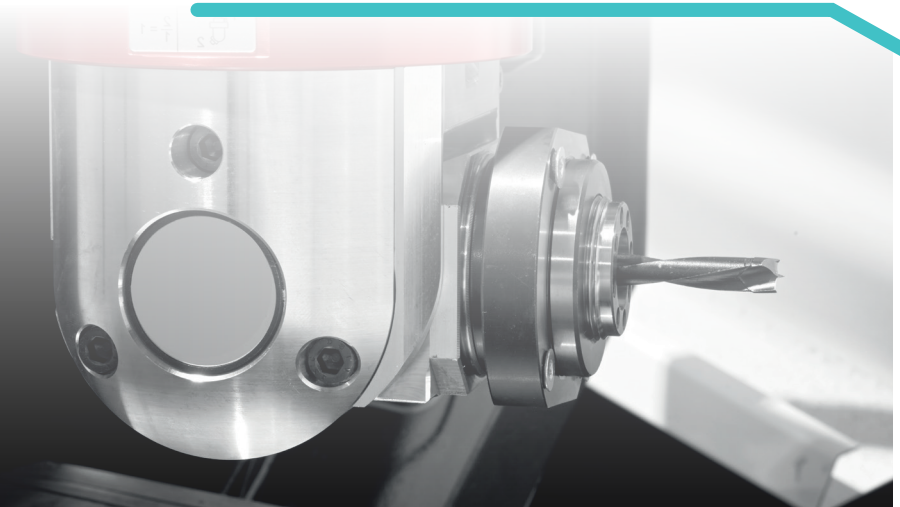
Reduce el tiempo de procesado al proporcionar un cambio de herramienta fácil y rápido con su unidad de cambio de herramienta móvil.



ROTARY MAGAZINE UNIT

HAREKETLİ TAKIM DEĞİŞTİRME ÜNİTESİ

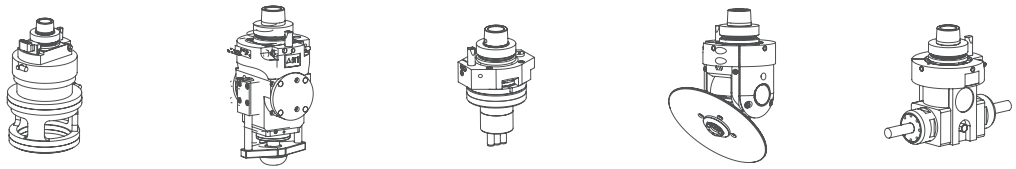
UIDAD PARA CAMBIAR DE EQUIPOS MOVIBLE



WIDE AGGREGATE USAGE

GENİŞ AGGREGATE KULLANIM ALANI

ÁREA DE USO AMPLIO CON AGGREGA



CENTRAL LUBRICATION UNIT
Lubricates the machine at 21 different lubrication points automatically.

MERKEZİ YAĞLAMA ÜNİTESİ
21 farklı bölgede otomatik olarak yağlama sağlar.

UNIDAD CENTRAL DE LUBRICACIÓN
Proporciona lubricación automática en 21 regiones diferentes.

AXIS CONTROL WITH SERVO MOTORS
State of the art motors located on each axis ensure precise acceleration at high speed

SERVO MOTORLAR İLE EKSEN KONTROLÜ
Tüm eksenlerde bulunan son teknoloji ürünü motorlar, yüksek hızlarda hassas ivmelenme sağlar

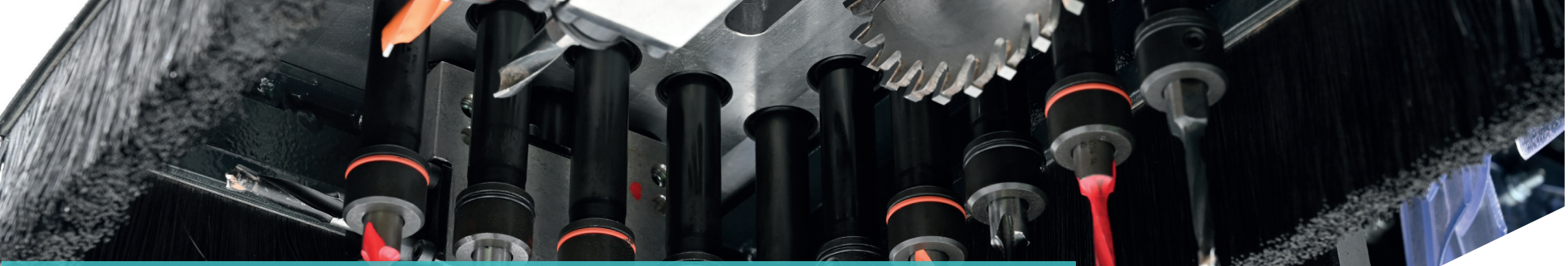
CONTROL DE EJES CON SERVOMOTORES
Los motores de última generación en todos los ejes proporcionan una aceleración precisa a altas velocidades

HIGH-QUALITY RACK & RAIL
Low-vibration, dynamic & high- quality rails and kremayer are used to provide the best results at high speeds.

YÜKSEK KALİTE KREMAYER VE RAY
Yüksek hızlarda en iyi sonuç için düşük titreşim sağlayan dinamik, yüksek kaliteli ray ve kremayerler kullanılmaktadır.

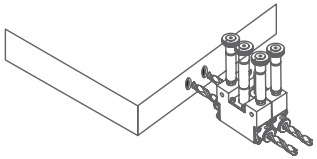
CALIDAD EXCELENTE CARRIL DE CREMALLERA
Inin vibraciones bajas para mejores resultados a altas velocidades, Se utilizan rieles y racks dinamicos y de alta calidad. Estructura corporal

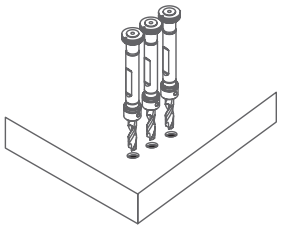
Processing Unit
İşleme Ünitesi
Unidad De Procesamiento

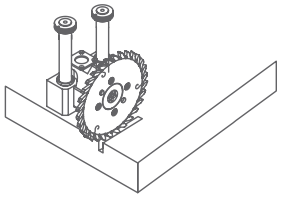


Maximum Productivity

Maksimum üretkenlik
Máxima productividad







BORING UNIT

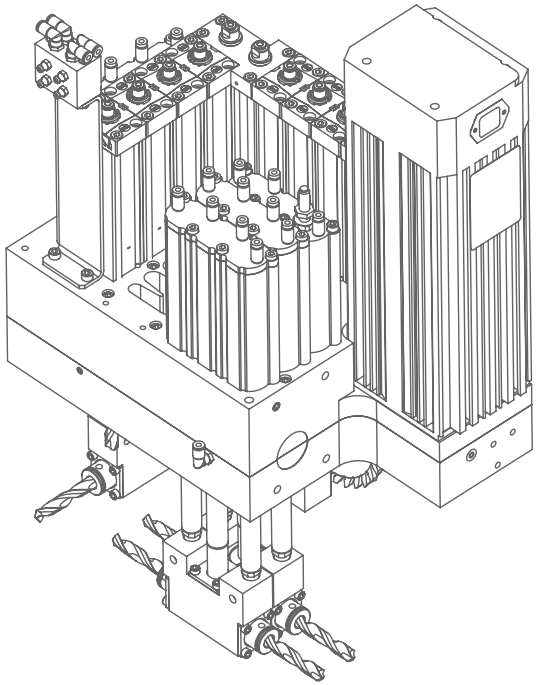
ÇOKLU DELİK ÜNİTESİ

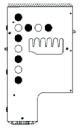
UNIDAD DE ORIFICIOS MÚLTIPLES

EN — Shorten your lead time with customized drilling unit options

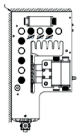
TR — İhtiyaçlarınıza göre şekillendirilebilen delik ünitesi seçenekleri ile üretim sürecinizi kısaltın.

ES — Acorte su proceso de producción con opciones de unidades de orificios que pueden moldearse según sus necesidades.

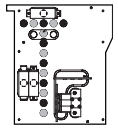




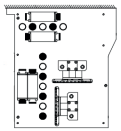
10V



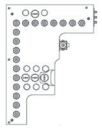
10V - 3x2H - 1 S



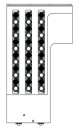
14V - 3x2H - 1 S



12V - 4x2H - 2 S

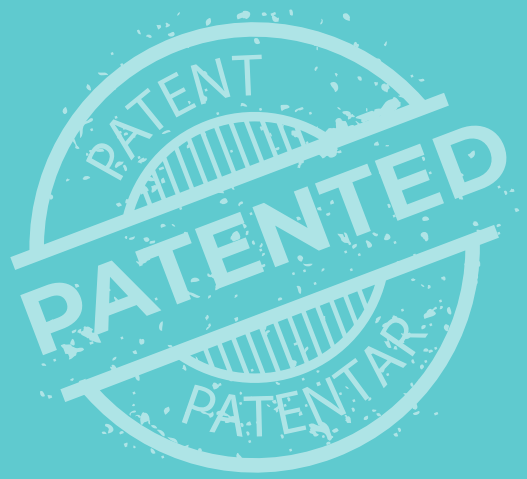


18V



36V

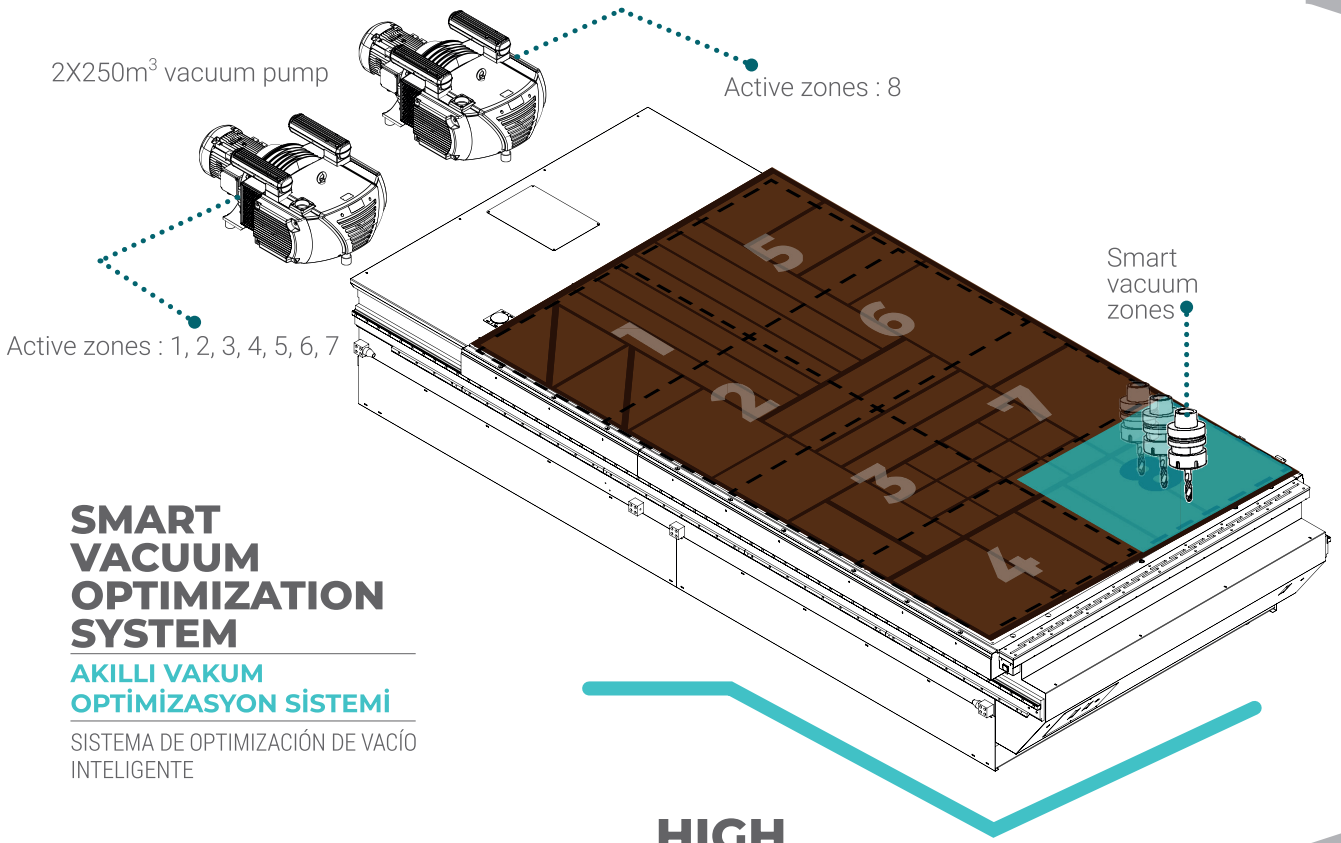
Processing Unit
İşleme Ünitesi
Unidad De Procesamiento



VACUBOOST

Where the Spindle there is Power

Spindle nerede güç orada
Donde esta Spindle allí está la potencia



SMART VACUUM OPTIMIZATION SYSTEM

AKILLI VAKUM OPTİMİZASYON SİSTEMİ

SISTEMA DE OPTIMIZACIÓN DE VACÍO INTELIGENTE

EN

Our proprietary VACUUBOOST technology, focusing on the position of the vacuumed work part for unrivalled gripping power, has been developed to enable you to machine small work parts or porous materials such as chipboards easily.

TR

Küçük parçalara veya sunta gibi geçirgen malzemeleri rahatlıkla işleyebilmeniz için geliştirdiğimiz patentli VACUUBOOST teknolojisi ile vakumlanan parçanın konumuna odaklanarak benzersiz bir tutuş gücü sağlar.

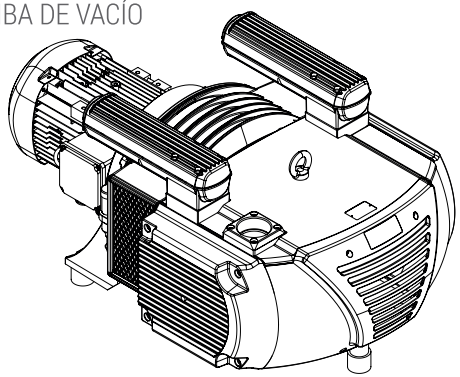
ES

Proporciona un poder de agarre único al centrarse en la posición de la pieza aspirada con la tecnología patentada VACUUBOOST que hemos desarrollado para que pueda procesar fácilmente piezas pequeñas o materiales permeables como la madera aglomerada.

HIGH -EFFICIENCY VACUUM PUMP

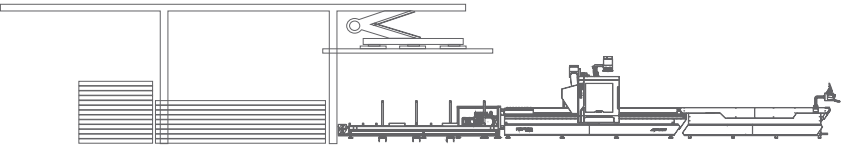
GÜÇLÜ VAKUM POMPASI

POTENTE BOMBA DE VACÍO



Vacuum System
Vakum Sistemi
Unidad De Procesamiento

ULTRA SERIES



RAPTOR ULTRA

1325 1300x2500mm

1336 1300x3700mm

1632 1600x3200mm

1640 1600x4000mm

2128 2100x 2800mm

2132 2100x 3200mm

2136 2100x 3700mm

2142 2100x 4200mm

Models
Modeller
Modelo

Ultra Power Performance

Ultra güç, ultra performans

Ultra potencia Ultra rendimiento

EN

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ES

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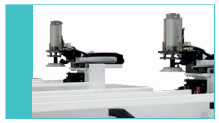
Standalone

Semi Automatic Line

Full Automatic Line

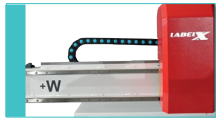


AUTOMATIC ALIGMENT SYSTEM

OTOMATİK HİZALAMA SİSTEMİ

SISTEMA DE ALINEACIÓN AUTOMÁTICA

02



LABEL X AUTOMATIC LABELLING SYSTEM

OTOMATİK ETİKETLEME SİSTEMİ

SISTEMA DE ETIQUETADO AUTOMÁTICO

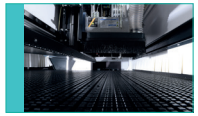
03

LOADING UNIT

YÜKLEME ÜNİTESİ

UNIDAD DE CARGA

04

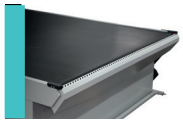


UNLOADING & CLEANING UNIT

BOŞALTMA & TEMİZLEME ÜNİTESİ

UNIDAD DE DESCARGA Y LIMPIEZA

05

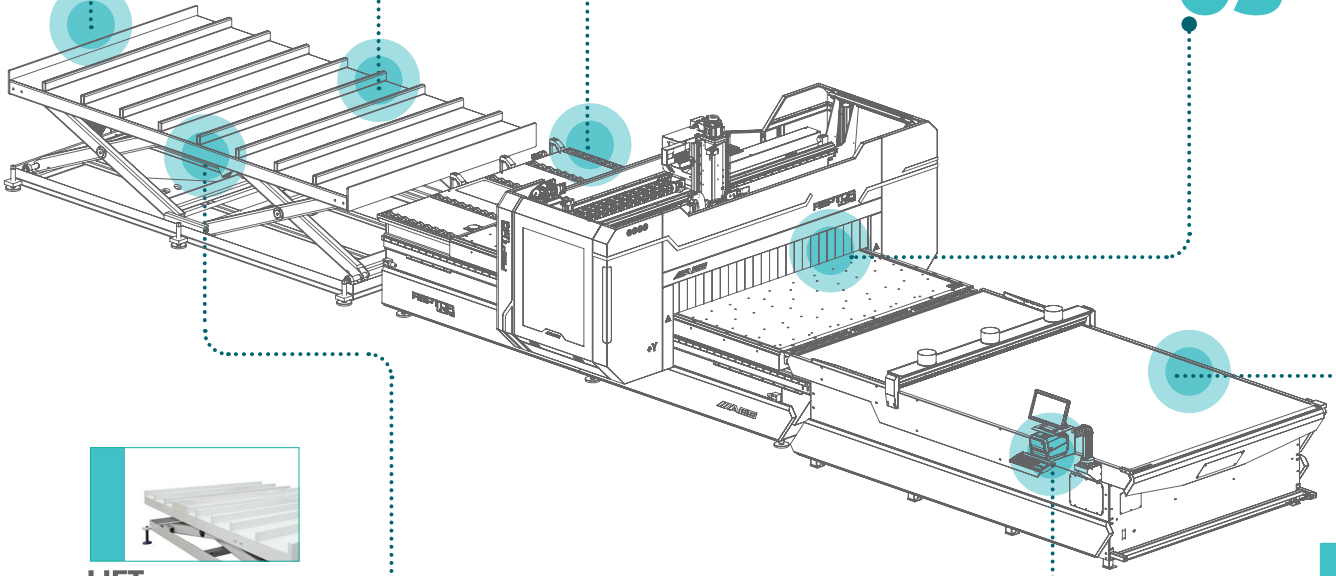


CONVEYOR UNIT

KONVEYÖR ÜNİTESİ

UNIDAD TRANSPORTADORA

06



LIFT UNIT

LİFT ÜNİTESİ

UNIDAD DE ELEVACIÓN

01

MANUAL LABELLING SYSTEM

MANUAL ETİKETLEME SİSTEMİ

SISTEMA DE ETIQUETADO MANUAL

07

Tailor Made Solutions

Özelleştirilmiş çözümler

Soluciones personalizadas

NEXT GENERATION CNC CONTROL UNIT

YENİ JENERASYON CNC KONTROL ÜNİTESİ

UNIDAD DE CONTROL CNC DE ÚLTIMA GENERACIÓN

EN

The next generation control unit is powered by a PC designed for industrial operations. It allows you to make your transactions quickly and easily without getting stuck.

TR

Endüstriyel işler için üretilen PC'den gücünü alan yeni jenerasyon kontrol ünitesi. İşlemlerinizi takılmadan, hızlı ve kolay gerçekleştirmenizi sağlar.

ES

Unidad de control de nueva generación alimentada por PC fabricada para trabajos industriales. Le permite realizar sus transacciones de forma rápida y sencilla sin quedarse atascado.

EASY TO USE INTERFACE

KULLANIMI KOLAY ARAYÜZ

INTERFAZ FÁCIL DE USO

USER EXPERIENCE / KULLANICI DENEYİMİ / EXPERIENCIA DE USUARIO

" As easy to use as a mobile phone "

" Telefon kullanmak kadar kolay. "

"Tan fácil como usar un teléfono"

"The machine helps us to perform machining operations accurately by guiding us with warning messages. "

"Uyarılar bizi yönlendirerek, doğru işlem yapmamıza destek oluyor."

" Las alertas nos orientan y nos ayudan a realizar la acción correcta."

Our aftersales support team is always there for you when you need them thanks to the remote control feature of RAPTOR ULTRA.

RAPTOR ULTRA 'nun uzaktan kontrol özelliği ile, ihtiyaç duyduğunuz her an satış sonrası destek ekibimiz yanınızda

Gracias a la función de control remoto de RAPTOR ULTRA, nuestro equipo de soporte posventa le apoya siempre que lo necesite.

7 LANGUAGE

7 DİL SEÇENEĞİ

OPCIONES DE 7 IDIOMAS

TR / EN / AR / RU / ES / FR / NL

Controlling Unit & Safety Options
Kontrol Ünitesi & Güvenlik Opsiyonları
Unidad De Control Y Opciones De Seguridad

MAXIMUM SAFETY

MAKSİMUM GÜVENLİK

MÁXIMA SEGURIDAD

EN

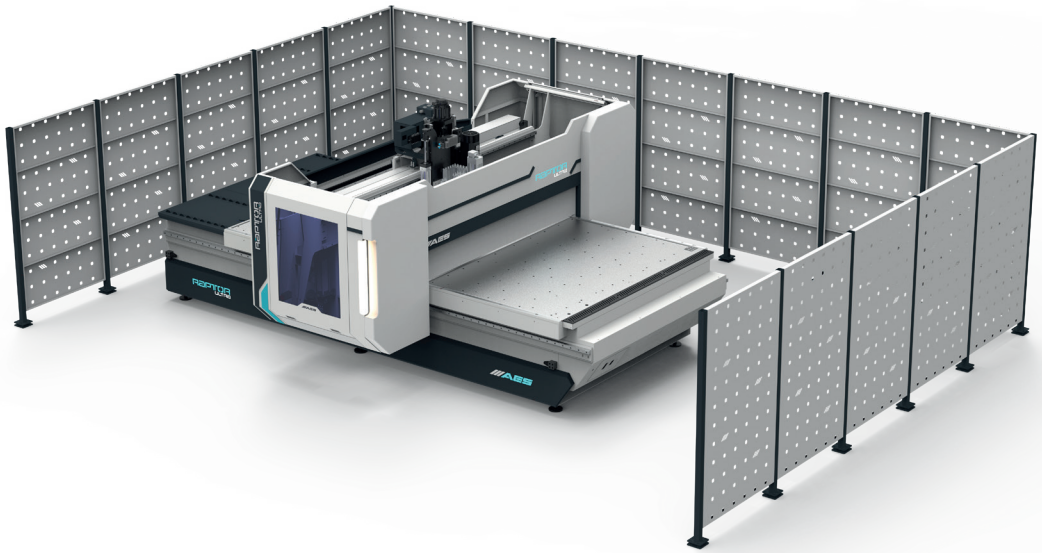
The safety options of RAPTOR ULTRA. were designed to prevent unauthorized access to the work area with a view to maximizing safety of life. These safety options which are designed in compliance with the CE norms will minimize the risk of occupational accidents in your manufacturing processes.

TR

RAPTOR ULTRA. 'nın güvenlik opsiyonları çalışma alanına yetkisiz girişleri engelleyerek maksimum can güvenliği sağlamak için tasarlanmıştır. CE normlarına uygun şekilde hazırlanan güvenlik opsiyonları ile imalat süreçlerinizde iş kazası risklerini minimize eder.

ES

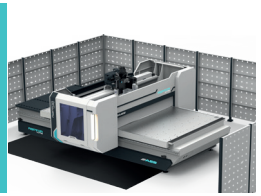
Las opciones de seguridad de RAPTOR ULTRA. están diseñadas para brindar la máxima seguridad humana al evitar el acceso no autorizado a la zona de trabajo. Minimiza los riesgos de accidentes laborales en sus procesos de fabricación con opciones de seguridad preparadas de acuerdo con normativa CE.



Safety Mats

Güvenlik Paspası

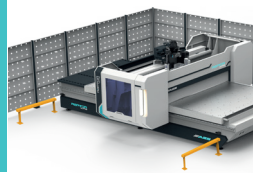
Felpudo de Seguridad



Light Barriers

Işık Bariyeri

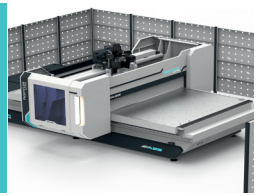
Barrera de Luz



Safety Fences

Güvenlik Çiti

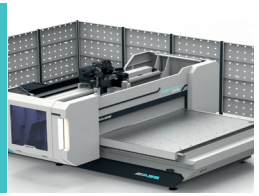
Valla de Seguridad



Bumpers

Bumper

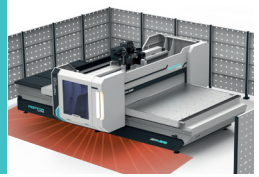
Parachoques



Area Scanning

Alan Tarama

Escaneo de la zona



Controlling Unit & Safety Options
Kontrol Ünitesi & Güvenlik Opsiyonları
Unidad De Control Y Opciones De Seguridad

SIMPLY CREATE SMART DESIGNS

BASİTÇE, AKILLI TASARIMLAR OLUŞTURUN

SIMPLEMENTE, CREE DISEÑOS INTELIGENTES

EN

Due to its systemic parametric structure, the design can be changed automatically according to the desired and connection type. Create your designs, save them in the library and customize as needed.

TR

Sistemsel parametrik yapısı sayesinde yapılan tasarımlar istenilen ölçüye ve bağlantı türüne uygun şekilde otomatik olarak değiştirilebilir. Tasarımlarınızı oluşturun ve kütüphaneye kayıt edin. İhtiyaç duyduğunuz anda uyarlayın.

ES

Gracias a su estructura paramétrica del sistemática, los diseños se pueden cambiar automáticamente de acurdo con el tamaño y el tipo de conexión deseados. Cree sus diseños y guárdelos en la biblioteca en el momento que los necesite.

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OPTIMIZAR

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DESIGN
TASARLA
DISEÑO

TRANSFER
TRANSFER ET
TRANSFERIR

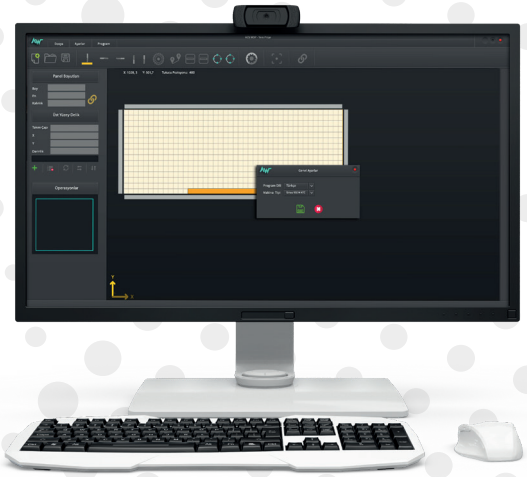
PRODUCE
ÜRET
PRODUCCIÓN

Software
Yazılım
Programas

The Fastest way from Design to Manufacturing

TASARIMDAN ÜRETİME EN HIZLI YOL

LA RUTA MÁS RÁPIDA DEL DISEÑO HASTA LA PRODUCCIÓN



EN

AES WOP CAD/CAM program is designed to meet all your design needs. Its easy-to-use interface and advanced features allow you to prepare flexible and fully functional designs. It can be used in a wide range of areas, from design to part position changes, from workpiece definition to 3D simulation, tool path optimization and parametric use. Turn your designs into reality thanks to the software that works fully compatible with the machine.

TR

AES WOP CAD/CAM programı tüm tasarım ihtiyaçlarınızı karşılayacak şekilde tasarlanmıştır. Kullanımı kolay arayüzü ve gelişmiş özellikleri, esnek ve tam işlevsel tasarımlar hazırlamanızı sağlar. Tasarımdan parça pozisyon değişimlerine, çalışma parçası tanımlamadan 3D simülasyon ve takım yolu optimizasyonu ile parametrik kullanıma kadar çok geniş bir alanda kullanılabilir. Makine ile tam uyumlu çalışan yazılım sayesinde tasarımlarınızı gerçeğe dönüştürün.

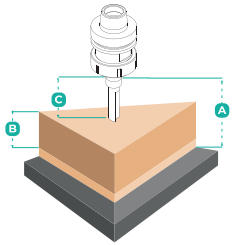
ES

El programa CAD/CAM AES WOP está diseñado para satisfacer todas sus necesidades de diseño. Su interfaz fácil de usar y sus funciones avanzadas le permiten preparar diseños flexibles y completamente funcionales. Se puede utilizar en una amplia gama de áreas, desde el diseño hasta los cambios de posición de la pieza, desde la definición de la pieza de trabajo hasta la simulación 3D, la optimización de la trayectoria de la herramienta y el uso paramétrico. Convierte tus diseños en realidad gracias al software que funciona totalmente compatible con la máquina.

TECHNICAL INFORMATION

TEKNİK ÖZELLİKLER

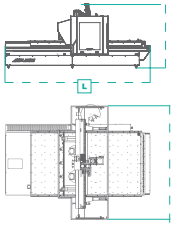
ESPECIFICACIONES TÉCNICAS



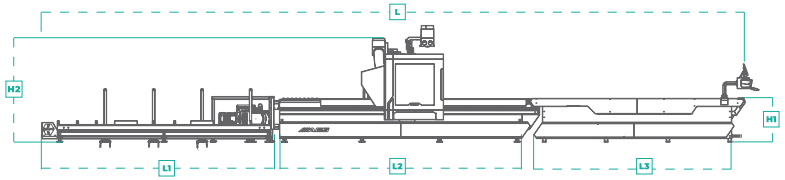
CUTTING HEAD KESİM YÜKSEKLİĞİ ALTO DE CORTE	RAPTOR ULTRA		
	A	B	C
mm / inch	395 / 15.5	200 / 7.87	170 / 6.69

Standalone

DIMENSIONS ÖLÇÜLER DIMENSIONES		L	W	H
RAPTOR ULTRA 1325	mm / inch	3670 / 144.49	3080 / 121.26	2775 / 109.2
RAPTOR ULTRA 1336	mm / inch	4870 / 191.73	3080 / 121.26	
RAPTOR ULTRA 1632	mm / inch	4370 / 172.05	3380 / 133.07	
RAPTOR ULTRA 1640	mm / inch	5170 / 203.54	3380 / 133.07	
RAPTOR ULTRA 2128	mm / inch	3970 / 156.30	3880 / 152.76	
RAPTOR ULTRA 2132	mm / inch	4370 / 172.05	3880 / 152.76	
RAPTOR ULTRA 2136	mm / inch	4870 / 191.73	3880 / 152.76	
RAPTOR ULTRA 2142	mm / inch	5370 / 211.42	3880 / 152.76	



TECHNICAL INFORMATION TEKNİK ÖZELLİKLER ESPECIFICACIONES TECNICAS	RAPTOR ULTRA							
	1325	1336	1632	1640	2128	2132	2136	2142
Working Area Dimensions Çalışma Alanı Ölçüleri Mediciones del Area de Trabajo	1300x2500 mm 51x98"	1300x3700 mm 51x145"	1600x3200 mm 63x126"	1600x4000 mm 63x157"	2100x2800 mm 83x110"	2100x3200 mm 83x126"	2100x3700 mm 83x146"	2100x4200 mm 83x165"
Z Axis Distance Z Eksen Ölçüleri Z-As Afstand	200 mm 7,87"							
Axis Speed Eksen Hızları Las Velocidades del eje	100-100-20 m/min 3937-3937-787 IPM							
Spindle Motor Power Spindle Motor Gücü Spilmotorvermogen	9 kW HSK F63 12HP HSK F63							
Boring Unit Çoklu Delik Ünitesi Unidad de Agujeros Multiples	10 V (Std.)							
Rotary Magazin Unit Rotary Magazin Ünitesi Unidad de Herramientas	12 Pcs 12 Adet							
CAD/CAM Program CAD/CAM Program Programa CAD/CAM	AES WOP							
Vacuum Zone Vakum Bölgesi Zona de Vacio	2	4		6			8	10
Vacuum Pump Power Vakum Pompası Gücü Potencia de la bomba de vacio	250 m^3/h 8.9 HP						2 x 50 m^3/h 2 x 8.9 HP	
Lift&Loading Unit Lift ve Yükleme Ünitesi Unidad de Elevacion y Carga	✓							
Unloading&Cleaning Unit Boşaltma Ve Temizleme Ünitesi Unidad de Descarga y Limpieza	✓							
Conveyor Unit Konveyör Ünitesi Unidad de Cinta Transportadora	✓							



Full Automatic Line

DIMENSIONS ÖLÇÜLER DIMENSIONES		L	L1	L2	L3	W	H1	H2
RAPTOR ULTRA 1325	mm / inch	9410 / 370.47	3005 / 118.31	3670 / 144.49	2375 / 107.68	3080 / 121.26	2775 / 109.2	1130 / 44.49
RAPTOR ULTRA 1336	mm / inch	13010 / 512.20	4205 / 165.55	4870 / 191.73	3935 / 154.92			
RAPTOR ULTRA 1632	mm / inch	11510 / 453.13	3705 / 145.87	4370 / 172.05	3435 / 135.24	3380 / 133.07		
RAPTOR ULTRA 1640	mm / inch	13910 / 547.64	4505 / 177.36	5170 / 203.54	4235 / 166.73			
RAPTOR ULTRA 2128	mm / inch	10310 / 405.91	3305 / 130.12	3970 / 156.30	3035 / 119.49	3880 / 152.76		
RAPTOR ULTRA 2132	mm / inch	11510 / 453.15	3705 / 145.87	4370 / 172.05	3435 / 135.24			
RAPTOR ULTRA 2136	mm / inch	13010 / 512.20	4205 / 165.55	4870 / 191.73	3935 / 154.92			
RAPTOR ULTRA 2142	mm / inch	14510 / 571.26	4705 / 185.24	5370 / 211.42	4435 / 174.61			

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WEB PLATFORMU İLE KESİNTİSİZ BAĞLANTI

CONEXIÓN PERMANENTE CON LAS PLATAFORMA WEB

EN

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TR

Uzman satış sonrası hizmet kadromuz, tüm ihtiyaçlarınız için 7 gün 24 saat hizmetinizdedir. Daimi memnuniyetiniz için, gerek anlık uzak bağlantı desteği ile gerekse de yerinde servis hizmeti ile en kısa sürede, tüm sorunlarınıza doğru teşhis sağlayarak müdahale sağlamaktadır. AES GROUP, kesintisiz üretim yapmanız için sunduğu satış sonrası hizmetler ile yatırımlarınızı korur.

ES

Nuestro experto personal de servicio posventa está a su servicio las 24 horas del día, los 7 días de la semana para todas sus necesidades. Para su satisfacción permanente, brinda un diagnóstico preciso e intervención a todos sus problemas a la mayor brevedad posible con soporte instantáneo de conexión remota y servicio en el sitio. GRUPO AES protege sus inversiones con servicios postventa para una producción ininterrumpida.

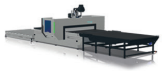
CNC MACHINING CENTER (FLAT TABLE GROUP)
CNC İŞLEME MERKEZİ (DÜZ TABLA GRUBU)
CENTRO DE PROCESAMIENTO CNC (GRUPO DE PLATAFORMA PLANA)

ULTRA SERIES

- RAPTOR ULTRA

- EXTREME ULTRA

PRO SERIES


- SUPER NOVA

- FLEXA PRO

CNC MACHINING CENTER (CONSOLE TABLE GROUP)
CNC İŞLEME MERKEZİ (KONSOL TABLA GRUBU)
CENTRO DE PROCESAMIENTO CNC (GRUPO DE PLATAFORMADE CONSOLAS)

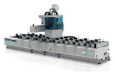
ULTRA SERIES

- VEGA ULTRA 5X

- VEGA ULTRA

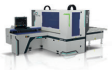
PRO SERIES

- VEGA 5X PRO


- VEGA PRO

CNC DRILLING MACHINES
CNC DELİK MAKİNELERİ
MÁQUINAS DE AGUJEERO CNC

ULTRA SERIES


- GO! ULTRA

PRO SERIES

- GO! 1300
- GO! 1300 M/S
- GO! 1300 M/S ATC

- SIRIUS 950
- SIRIUS 950 M/S
- SIRIUS 950 M/S ATC

BEAM SAW MACHINES
PANEL EBATLAMA MAKİNELERİ
SECCIONADORAS

ULTRA SERIES

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- ALPHA PS 06

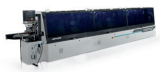
- ALPHA PS 03
- ALPHA PS 04

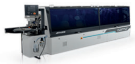
PRO SERIES

- BETA PS 03
- BETA PS 04

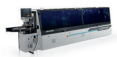
EDGE BANDING MACHINES
KENAR BANTLAMA MAKİNELERİ
CANTEODORAS MONOLATERALES AUTOMÁTICAS

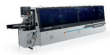
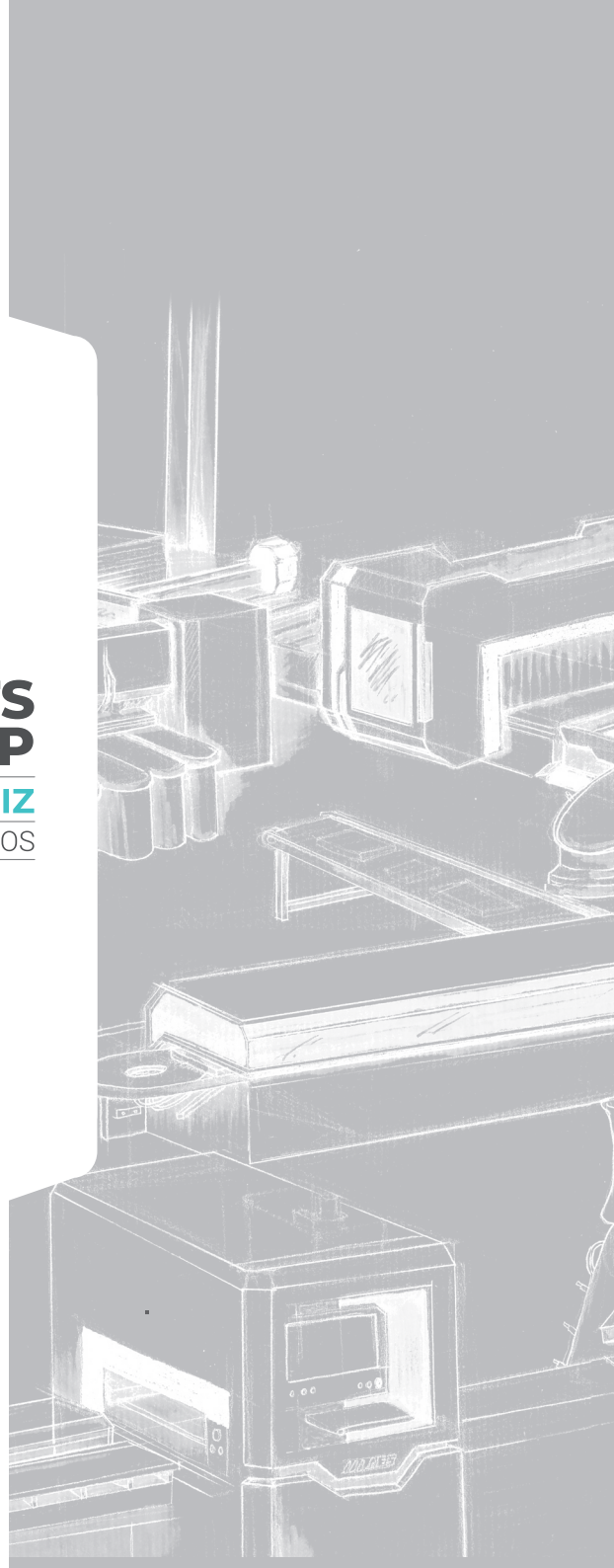
ULTRA SERIES


- GAMMA ULTRA


- GAMMA MX

PRO SERIES


- PRIMA 6M
PRIMA 5M


- GAMMA 7M
- GAMMA 6M

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