



GENERAL CATALOQUE

SMART SOLUTIONS

your solution partner for glass processing and
insulating glass production.

hct

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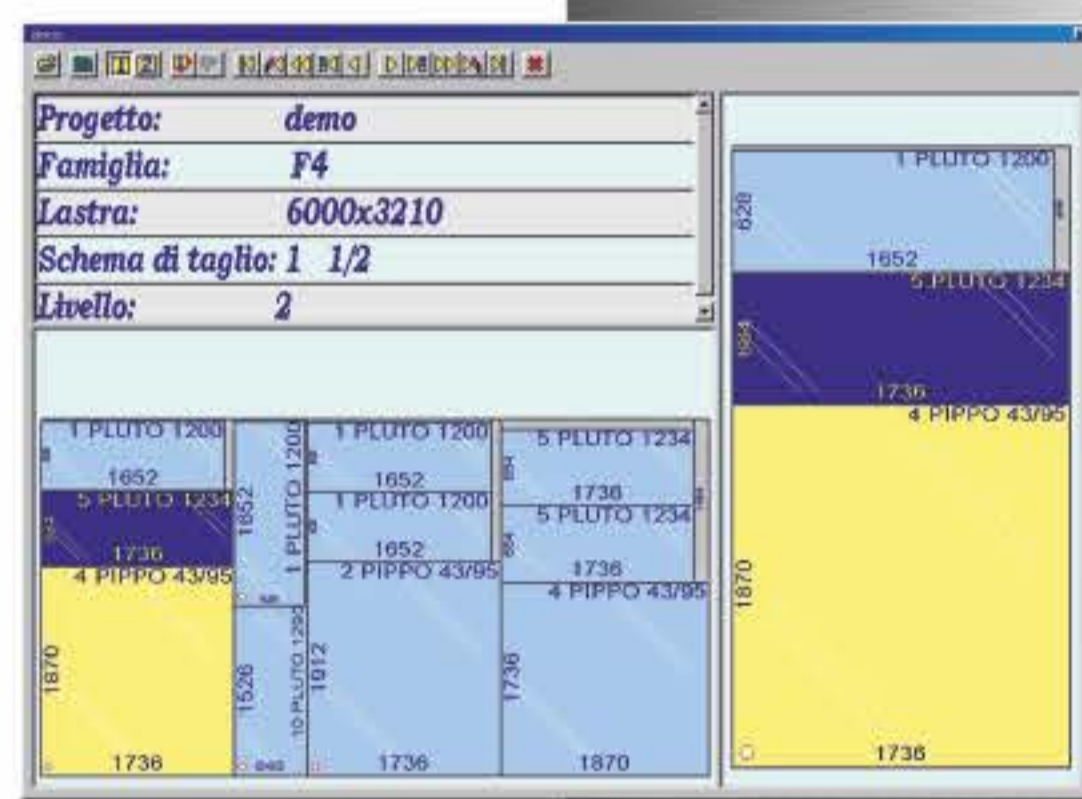
PRODUCT OVERVIEW

OPTİMİZASYON PROGRAMI



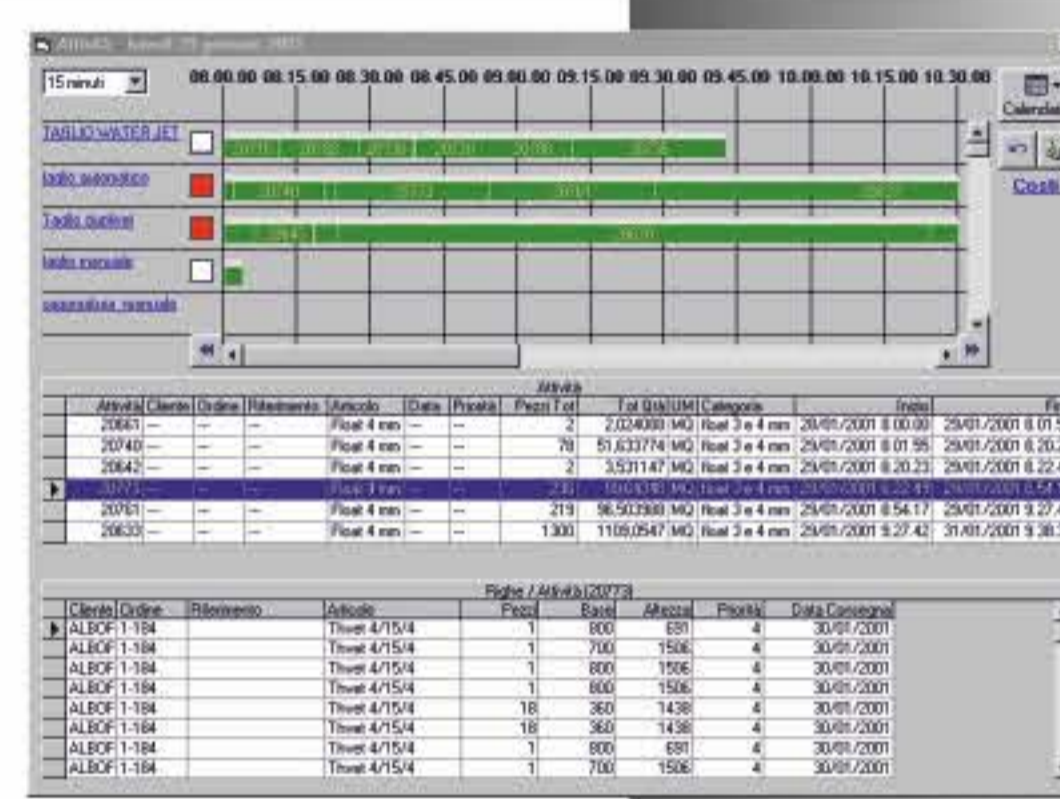
PERFECT CUT

perfect tv



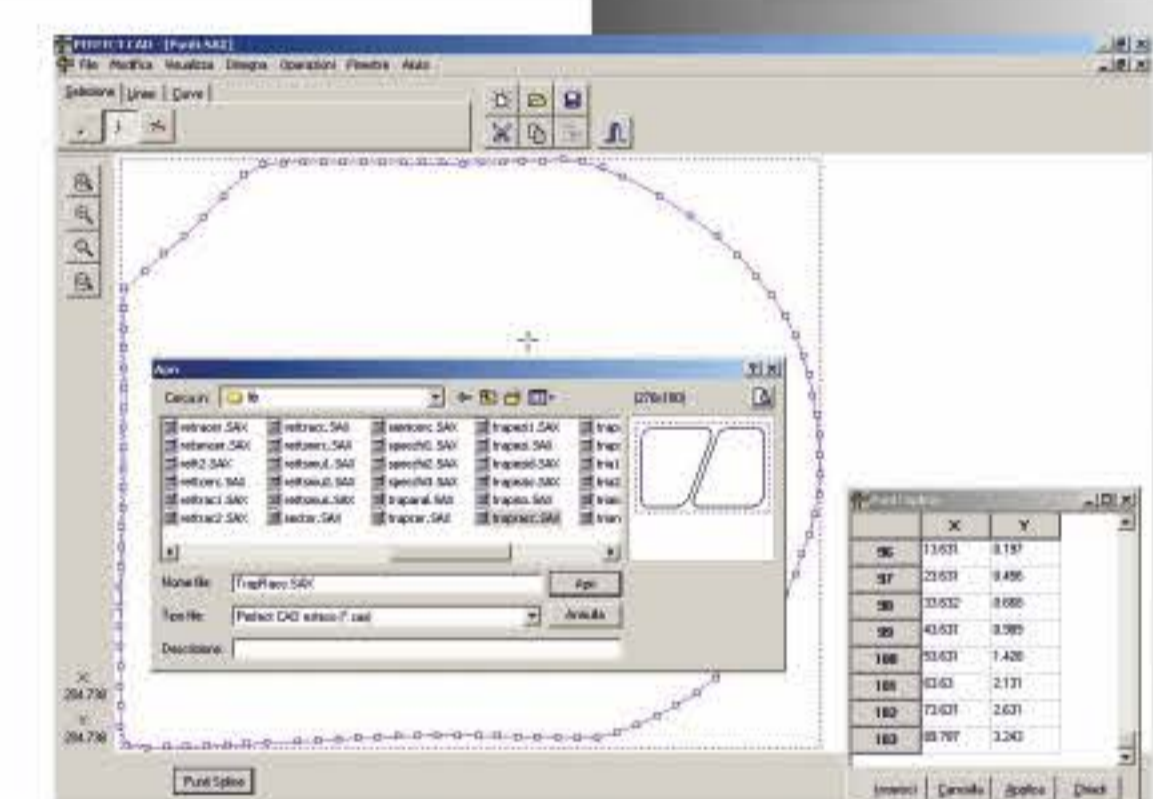
TV GÖRÜNTÜSÜ

perfect GePro



ÜRETİM TAKİP SİSTEMLERİ

perfect scan

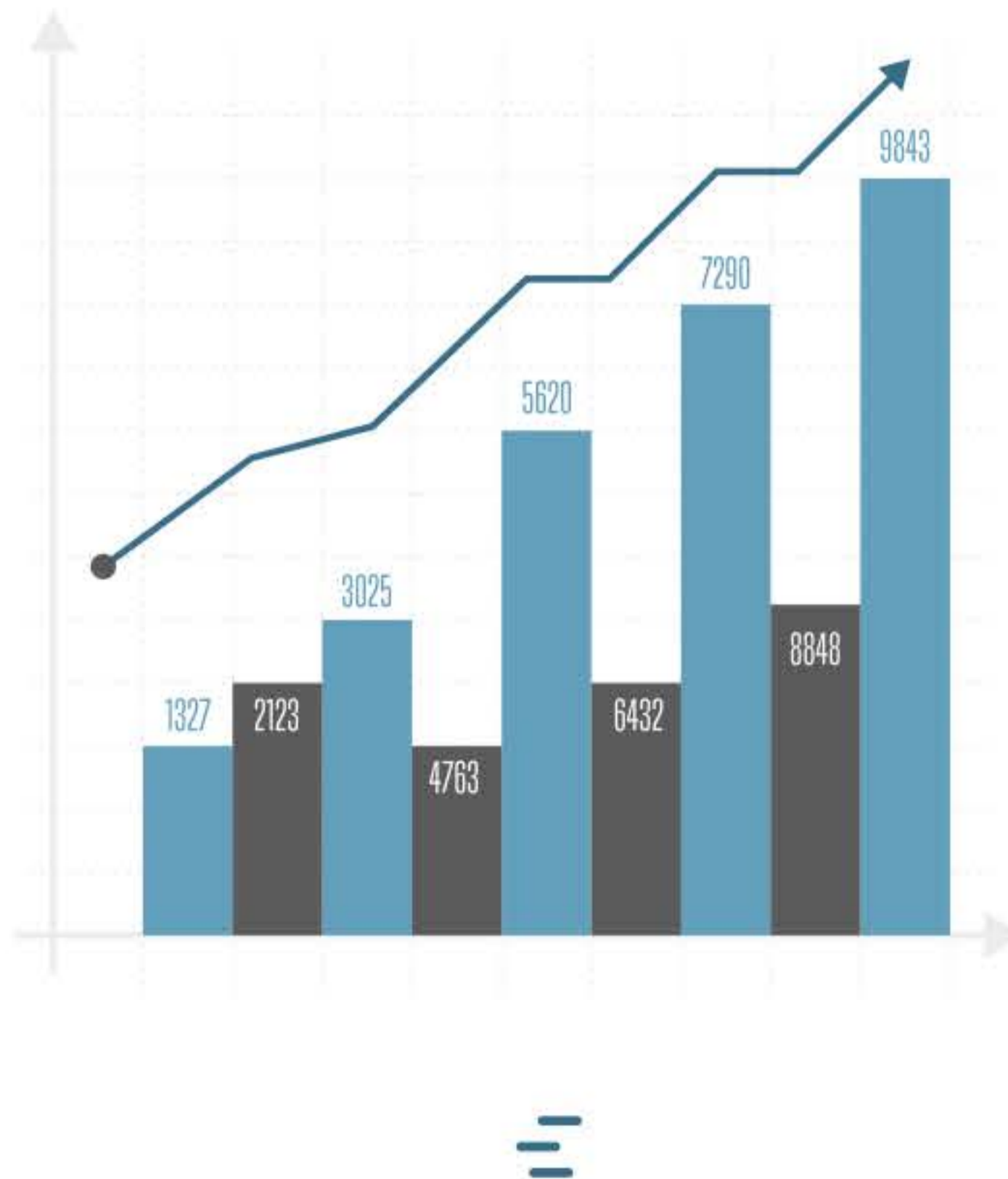


ŞEKİL TARAMA

BETTER WITH

PERFECT CUT

SOFTWARE FOR GLASS INDUSTRY

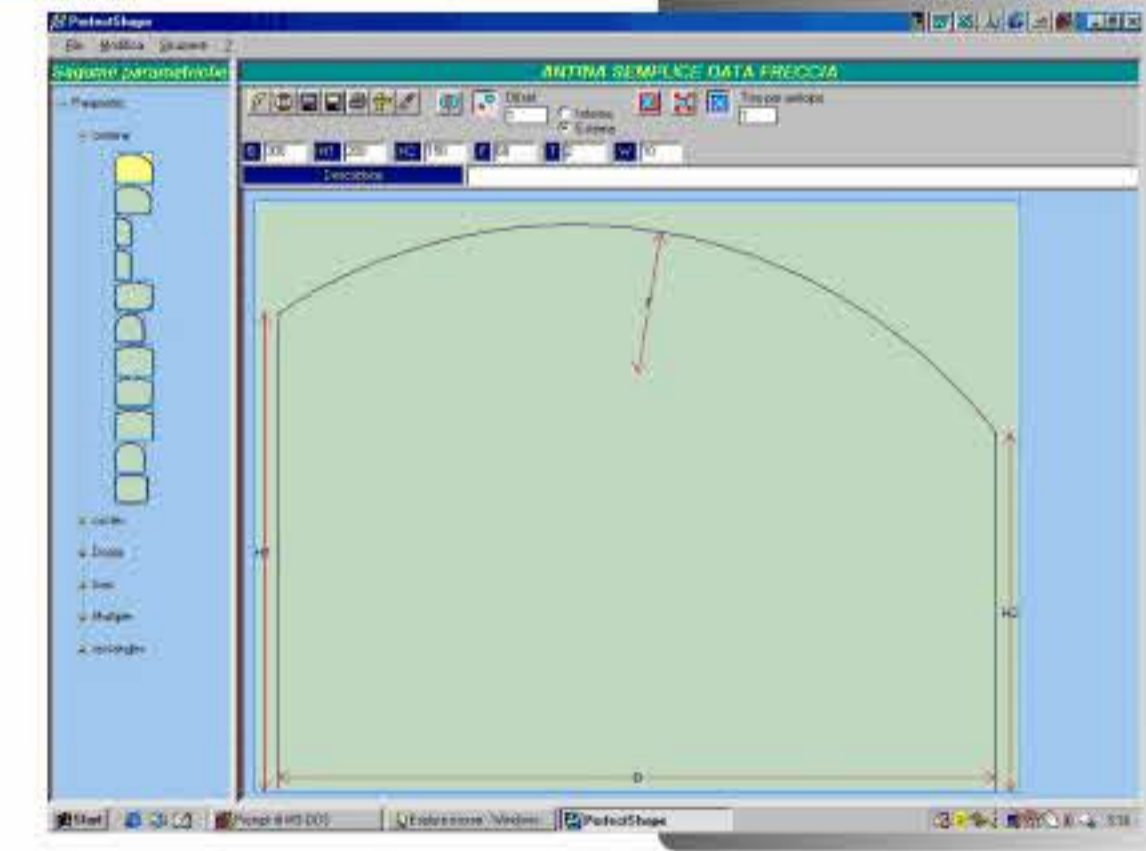


perfect suit



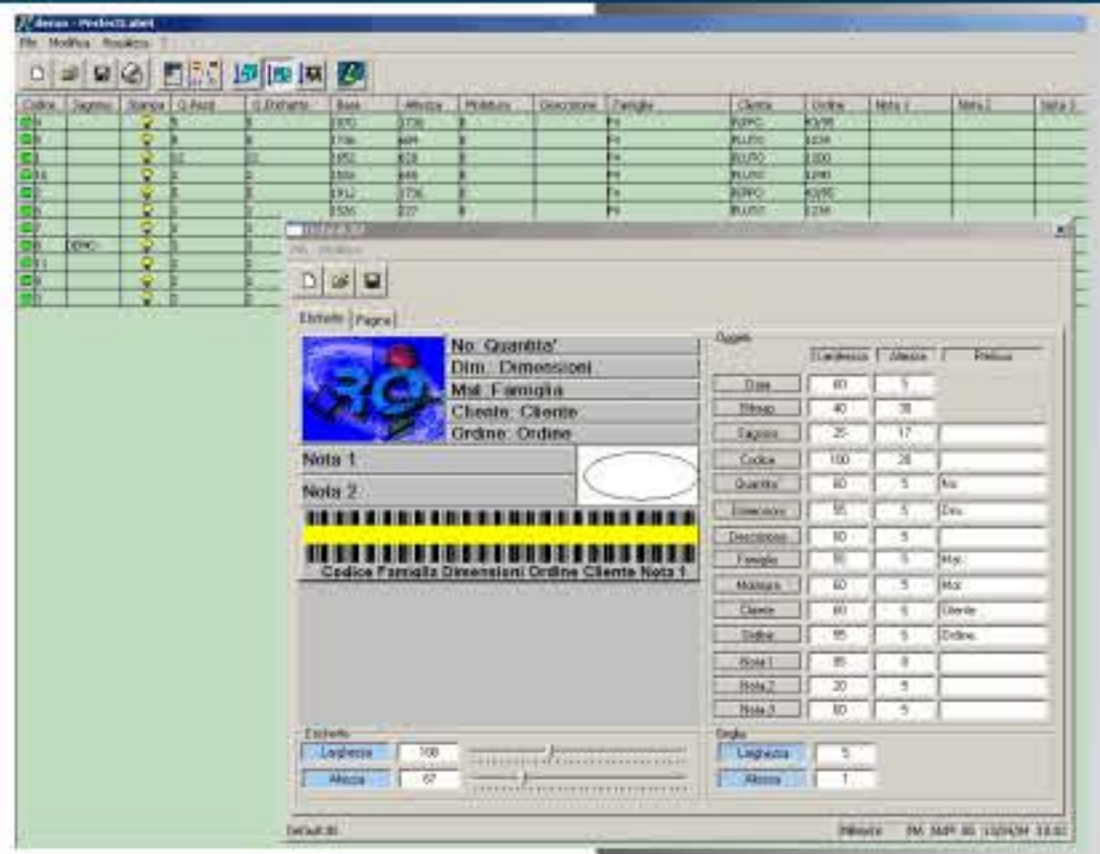
ŞEKİLLİ KESİM DXF

perfect shape



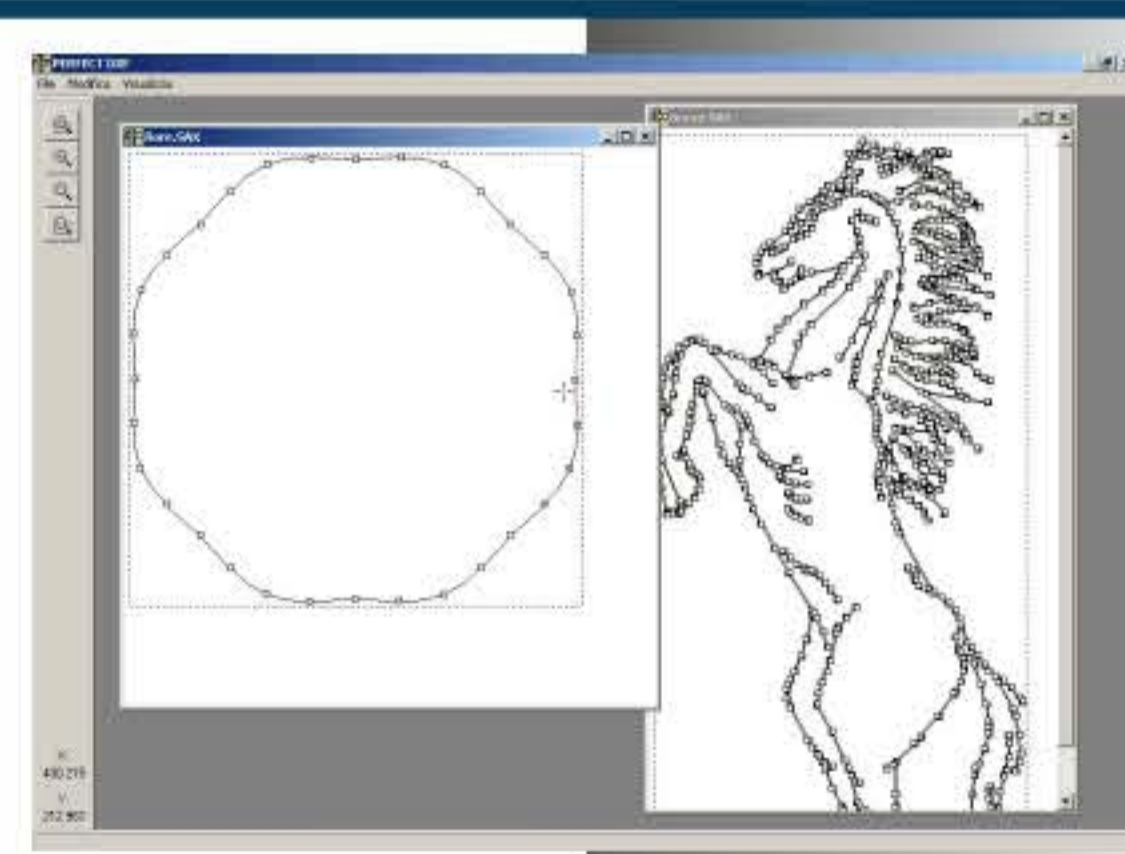
ŞEKİLLİ KESİM

perfect label



ETİKET PROGRAMI

perfect CAD



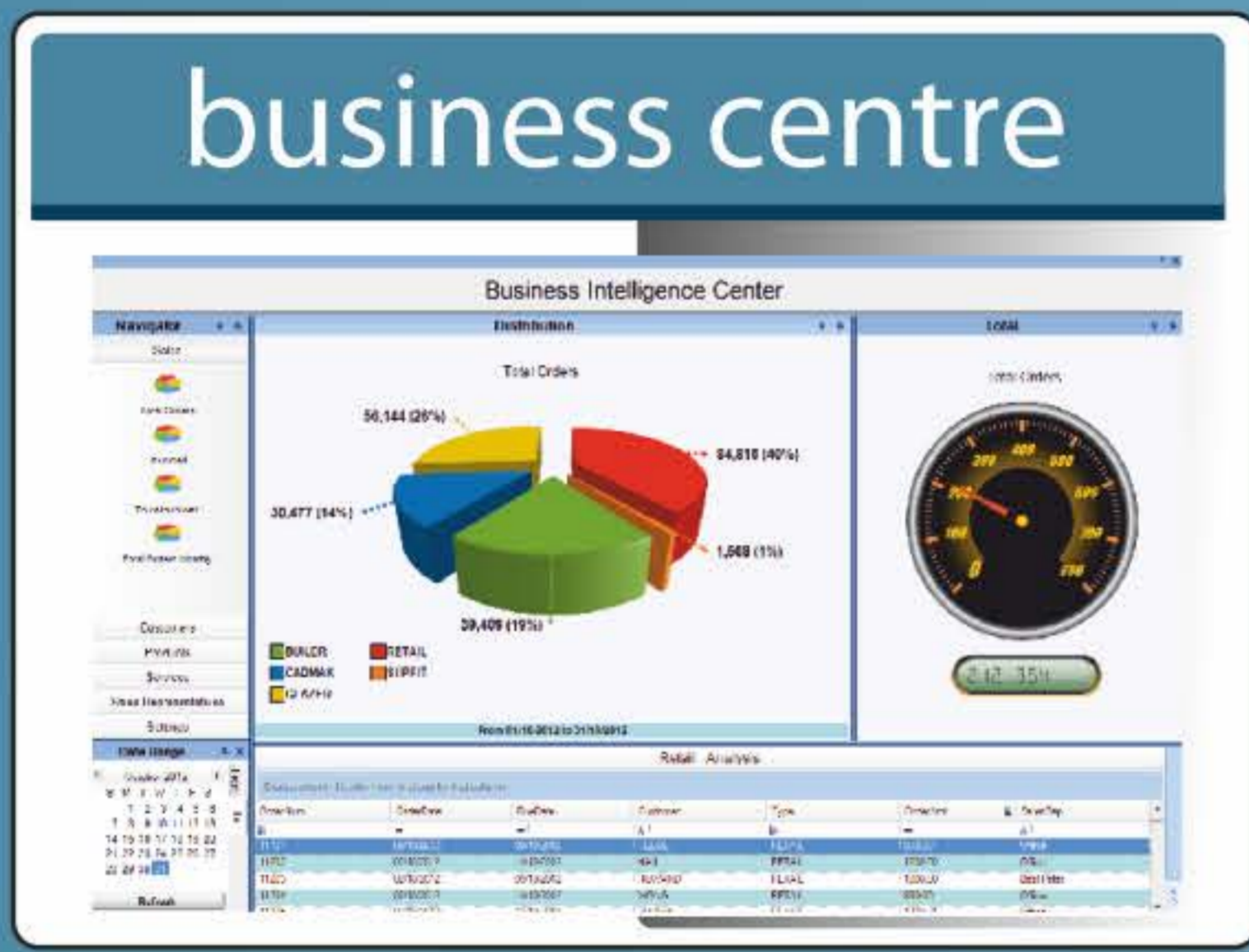
ÇİZİM PROGRAMI

PRODUCT OVERVIEW

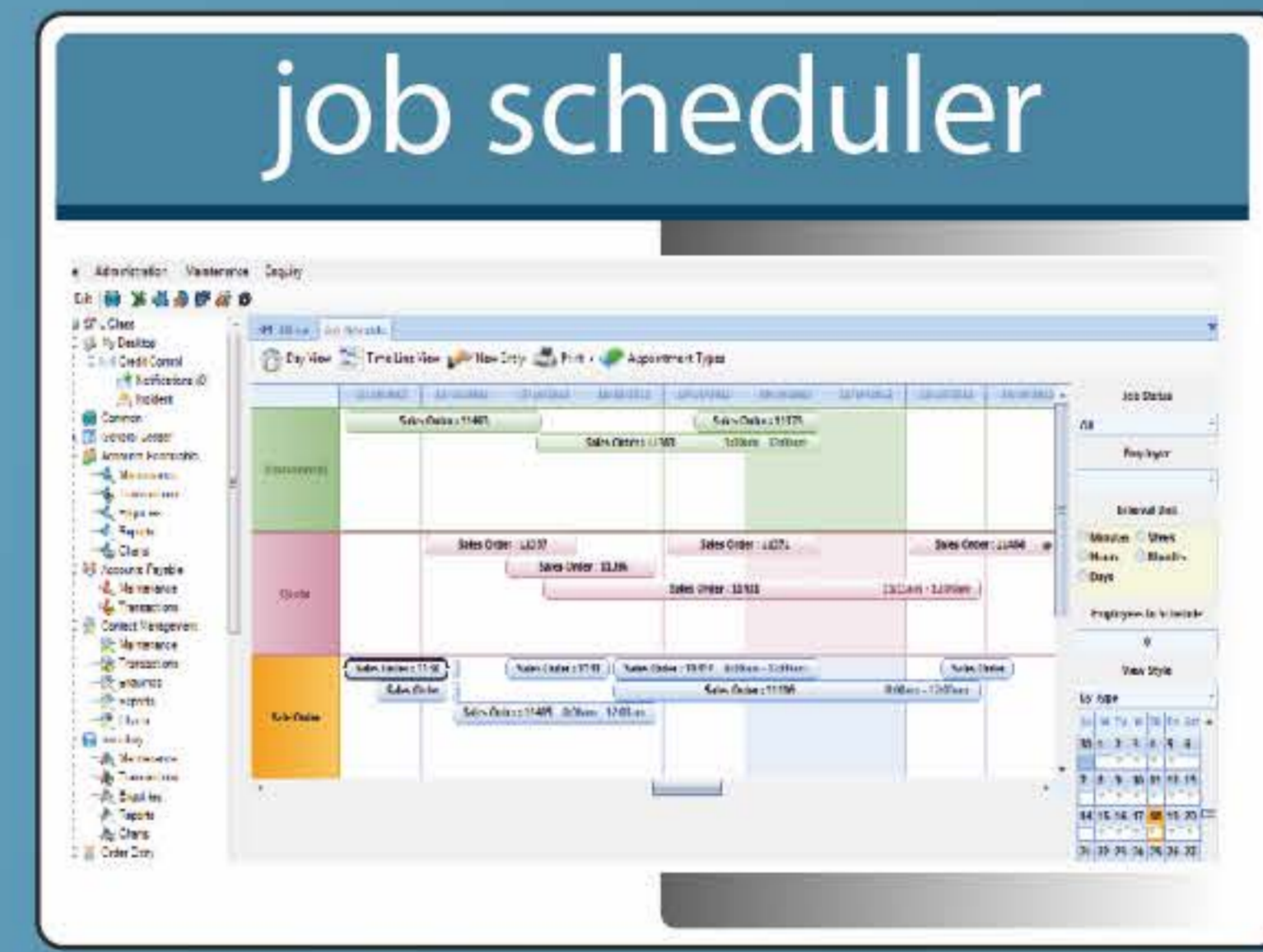
CAM ERP PROGRAMI



Perfect SPIL



İŞ MERKEZİ



İŞ PLANLAMA

ISI CAM - CAM İŞLEME TESİSLERİ YÖNETİM PROGRAMI

android yada iPad tablet üzerinde çalışabilir

esnek üretim raporlamaları

çoklu kullanıcı

7/24 ücretsiz destek

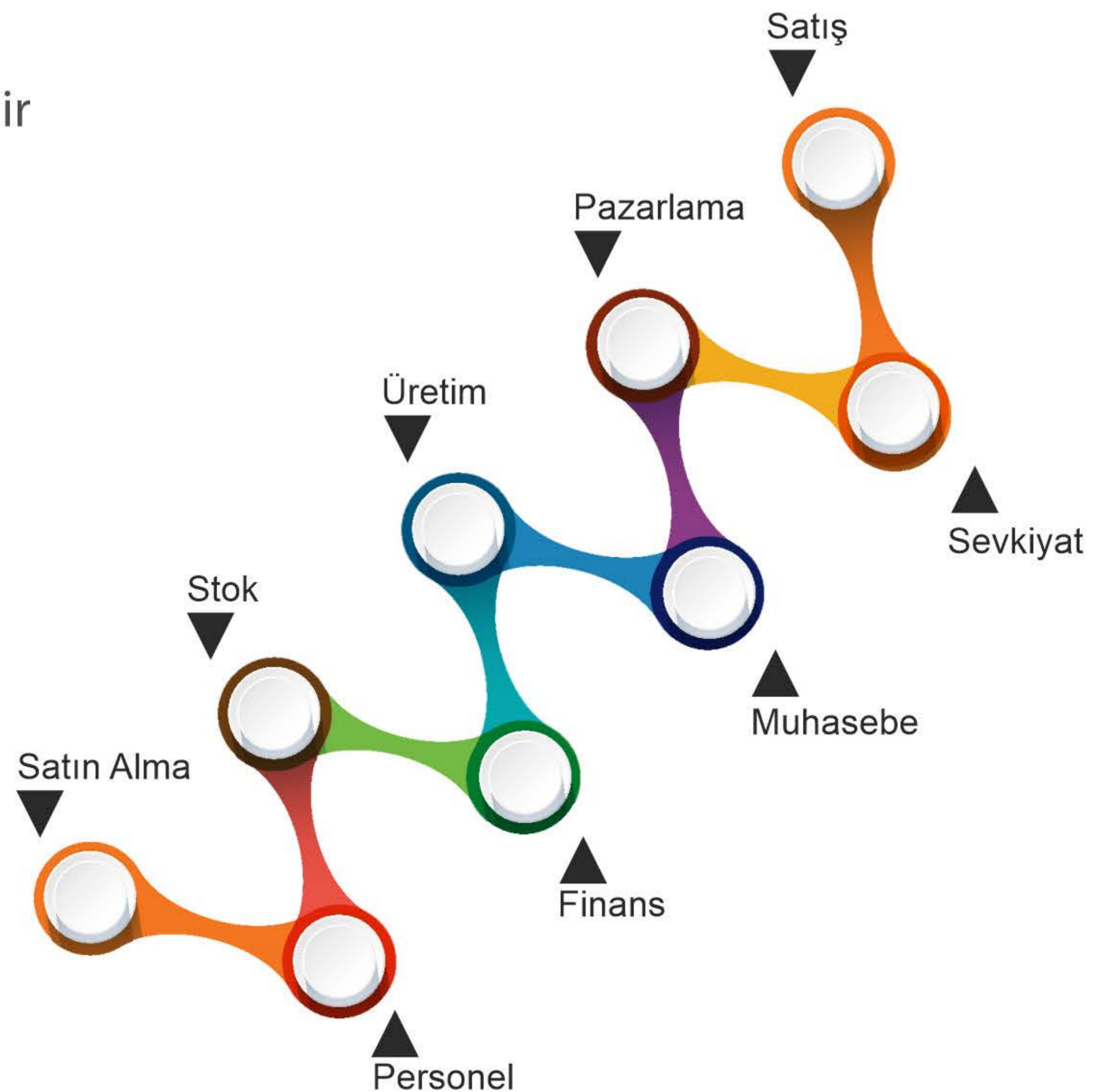
istenilen veritabanı ile çalışabilme

müşterilere ait şifreli giriş

birden fazla dilde çalışabilme

makro desteği

iş planlama



PRODUCT OVERVIEW

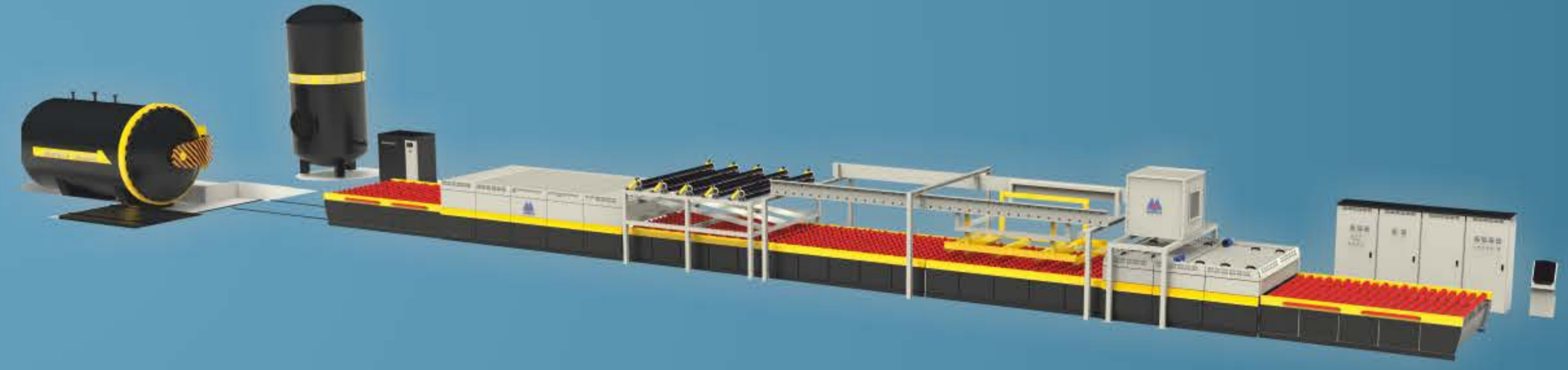
CAM TEMPERLEME MAKİNELERİ



MOUNTAIN
INTELLIGENT EQUIPMENT



MT - GSW OTO CAM TEMPERLEME

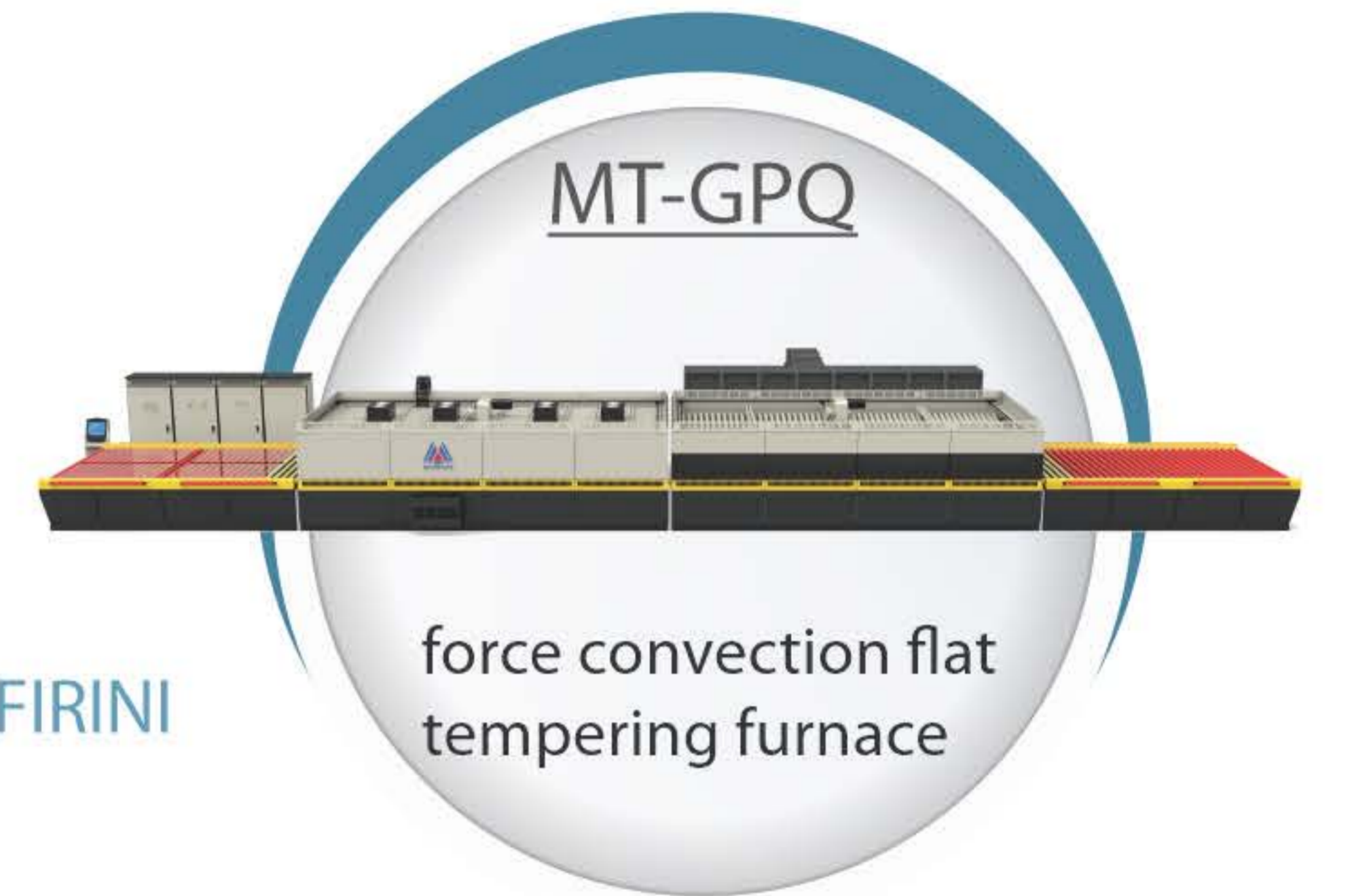


MT - JP DÜZ CAM LAMİNASYON HATTI



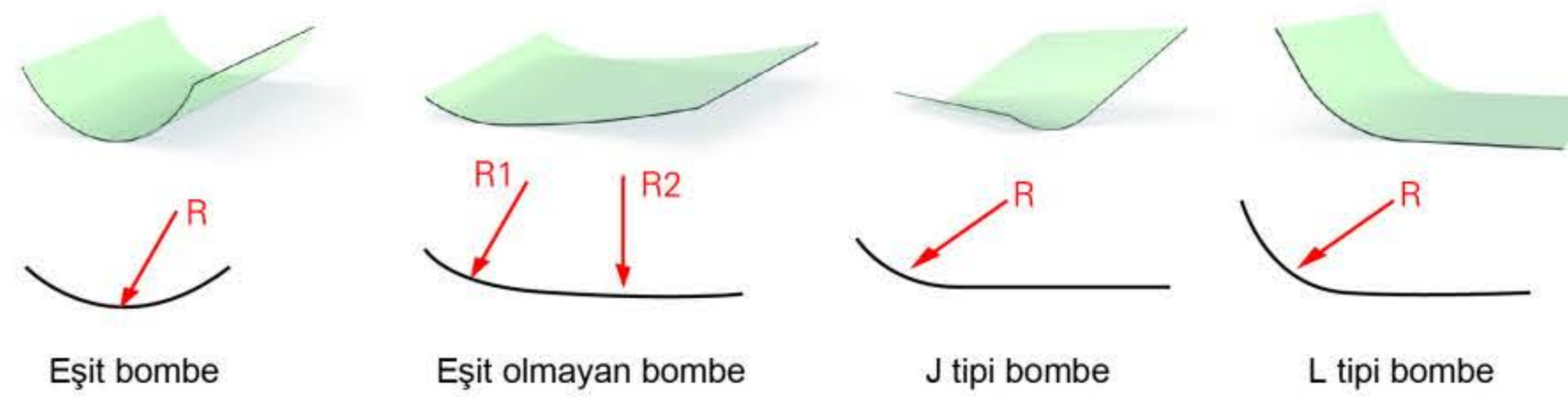
double chamber flat
tempering furnace with
force convection

ÇİFT ODALI FIRIN



force convection flat
tempering furnace

DÜZ CAM FIRINI

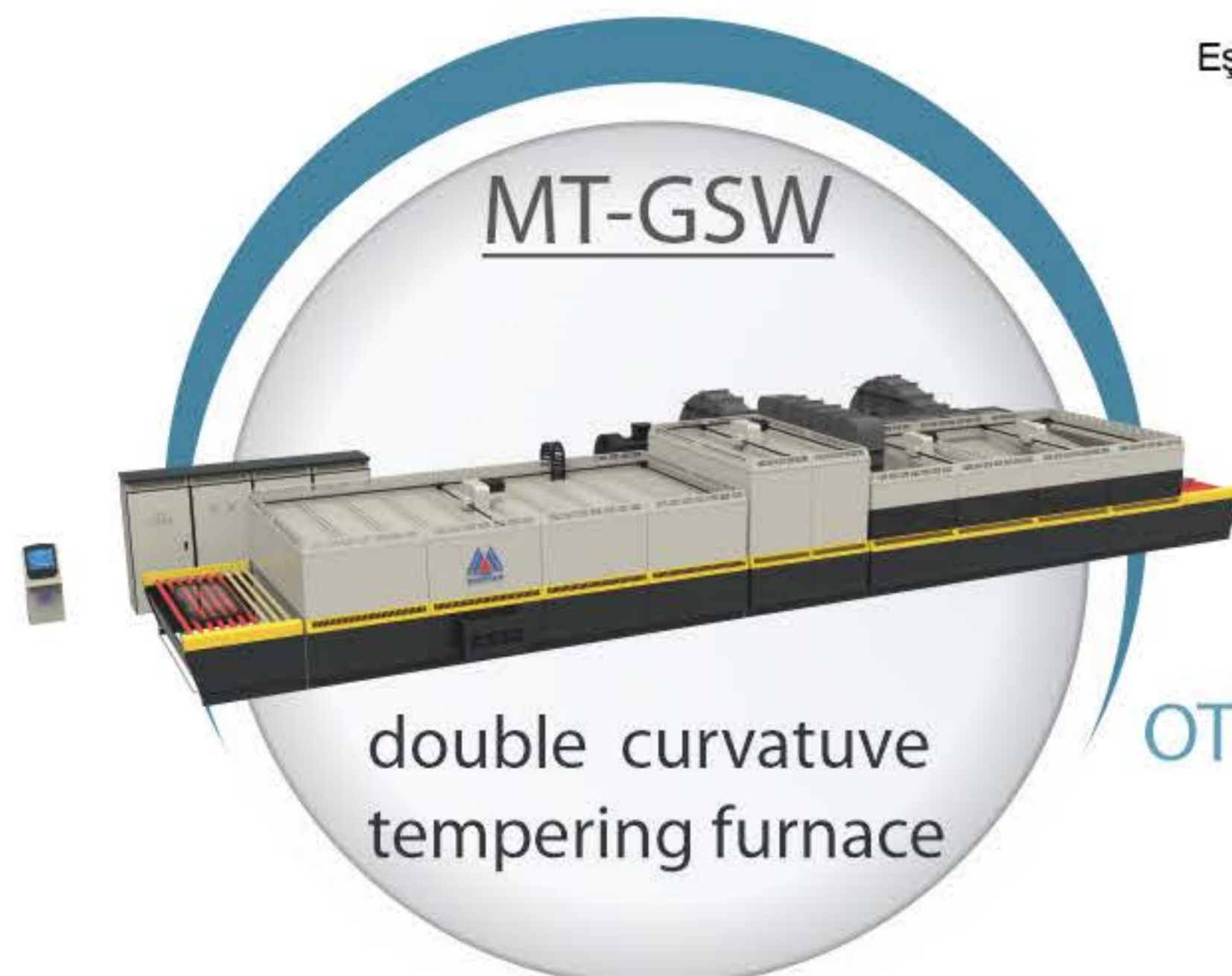


Eşit bombe

Eşit olmayan bombe

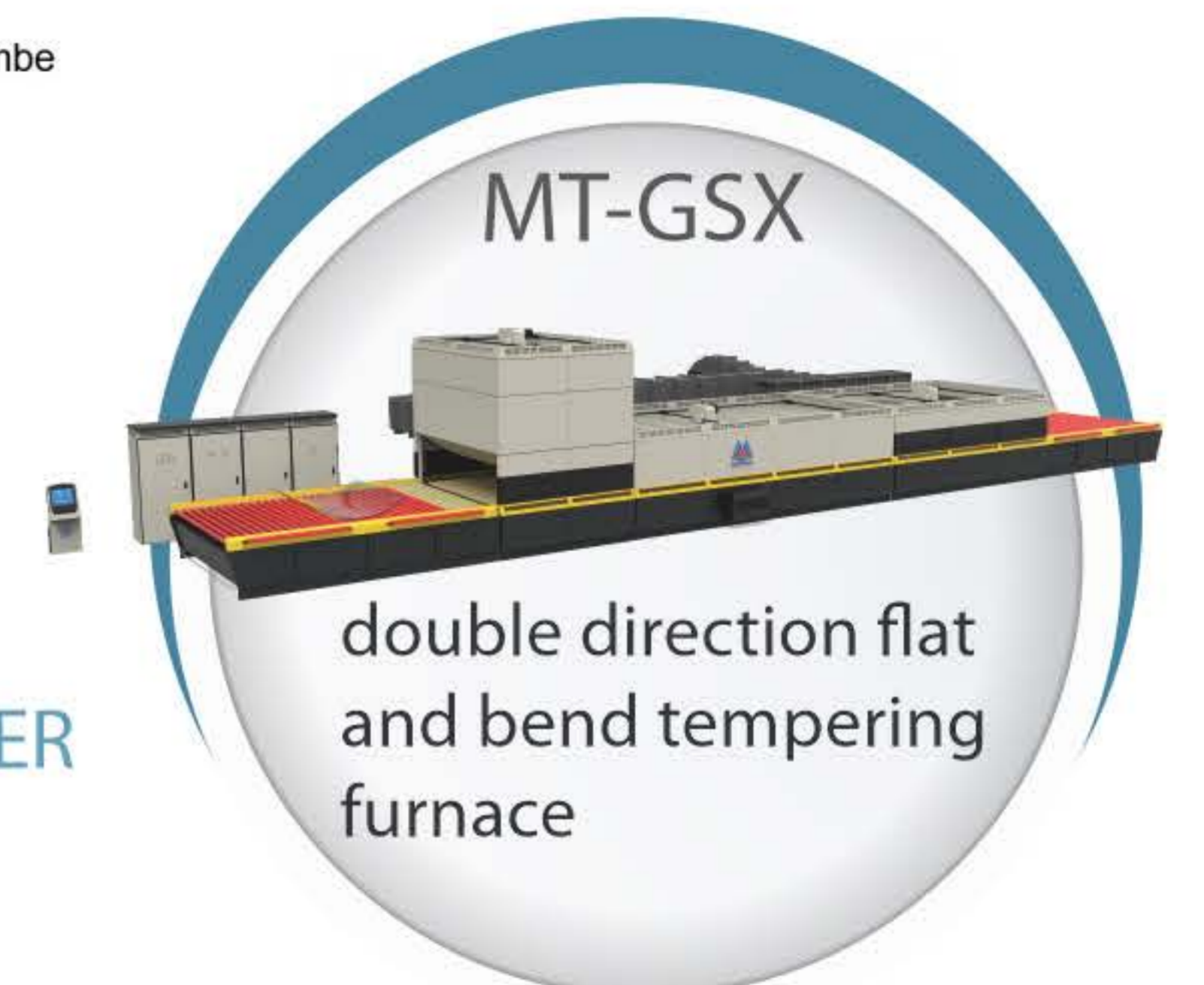
J tipi bombe

L tipi bombe



double curvature
tempering furnace

OTO CAM FIRINI



double direction flat
and bend tempering
furnace

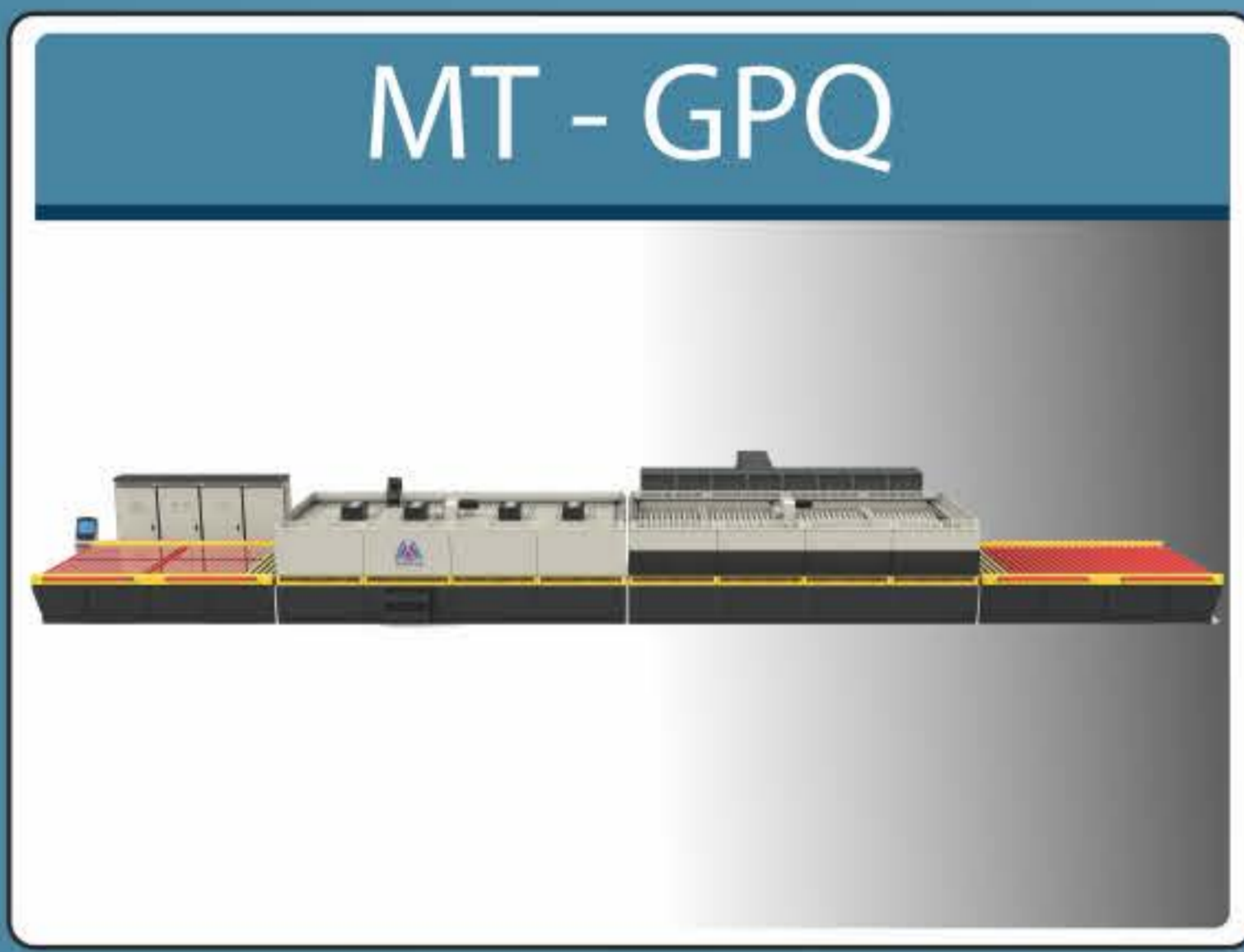
BOMBELİ TEMPER

PRODUCT OVERVIEW

CAM TEMPERLEME MAKİNELERİ



MOUNTAIN
INTELLIGENT EQUIPMENT



KONVEKSİYONEL FIRIN E= 0,01



A VE C TİP BOMBE FIRINI

DÜZ CAM TEMPERLEME

- Cephe camları, mobilyalar, otomobil camları ve benzeri alanlarda kullanılır.
- Fırında yalıtım sağlamlığı ile enerji tasarrufu sağlar.
- Isıtıcıların özel bir sistemle yerleştirilmesi camların düzgün temperlenmesini sağlar.
- Camın ısıyı erken alması sayesinde camlar daha hızlı fırınlanır.
- Makinenin kullanımı basitleştirilmiştir.
- Manuel kontrol imkanı mevcuttur.
- Düz camlar, desenli camlar, kaplamalı camlar, Low-E camlar temperlenebilmektedir.
- Makinenin sahip olduğu standartlar: GB9963, GB9656, ECER-43, ANSIZ97.1.

BOMBELİ CAM TEMPERLEME

- Cephe camları, mobilyalar, banyolar, gemiler, otomobil camları ve benzeri alanlarda kullanılır.
- Makine hem bombeli camlar için hem de düz camlar için kullanılabilir.
- Camlarda rulo izi kalmaz. Normalde bombeli temperlerin ana sorunu bombeli camda rulo izi kalmasıdır.
- Camın ısıyı erken alması sayesinde camlar daha hızlı fırınlanır.
- Fırında yalıtım sağlamlığı ile enerji tasarrufu sağlar.
- Düz camlar, desenli camlar, kaplamalı camlar, Low-E camlar temperlenebilmektedir.
- Makinenin sahip olduğu standartlar: Gb9963, GB9656, ECER-43, ANSIZ97.1.



Quality first, service first, customers first

PRODUCT OVERVIEW

CAM İŞLEME MAKİNELERİ



HISENG

düz rodaj



HSE - 9243 DÜZ RODAJ MAKİNESİ

cam yıkama



SÜNGERLİ CAM YIKAMA MAKİNESİ

bizote makinesi

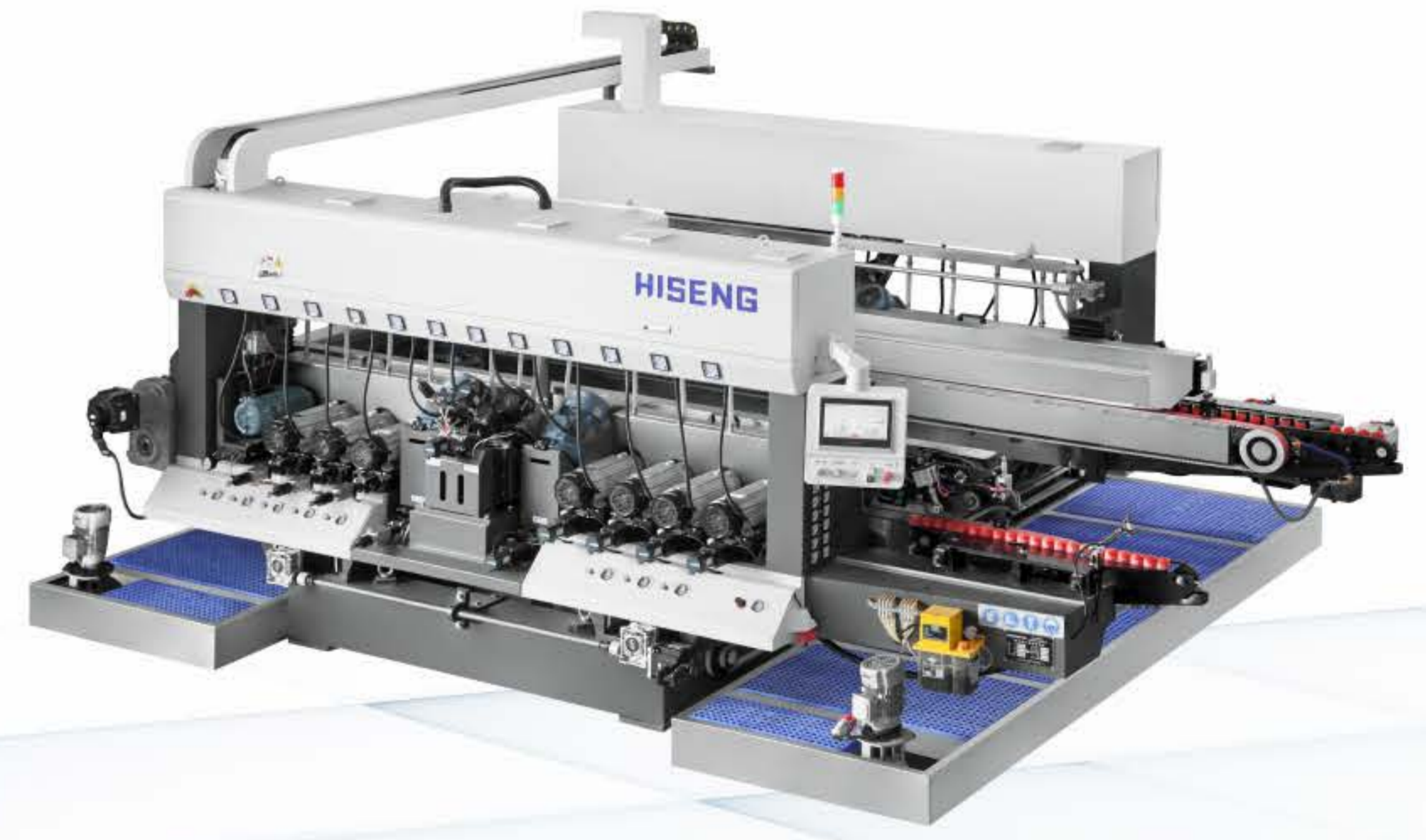


HSB - 371 BİZOTE MAKİNESİ

HSW - CAM YIKAMA MAKİNESİ



HSD - DOUBLE EDGER MAKİNESİ



YATAY CAM ZIMPARA MAKİNESİ



SYM - (C) TİP DOUBLE EDGER HATTI



MAKE YOUR
WORK EASIER!

PRODUCT
OVERVIEW

CAM İŞLEME MAKİNELERİ

HISENG



HSD (L) ŞEKİLLİ DOUBLE EDGER HATTI

OTOMATİK (I) ŞEKİLLİ DOUBLE EDGER HATTI



HISENG

MAKE YOUR
WORK EASIER!

PRODUCT OVERVIEW

CAM İŞLEME MAKİNELERİ



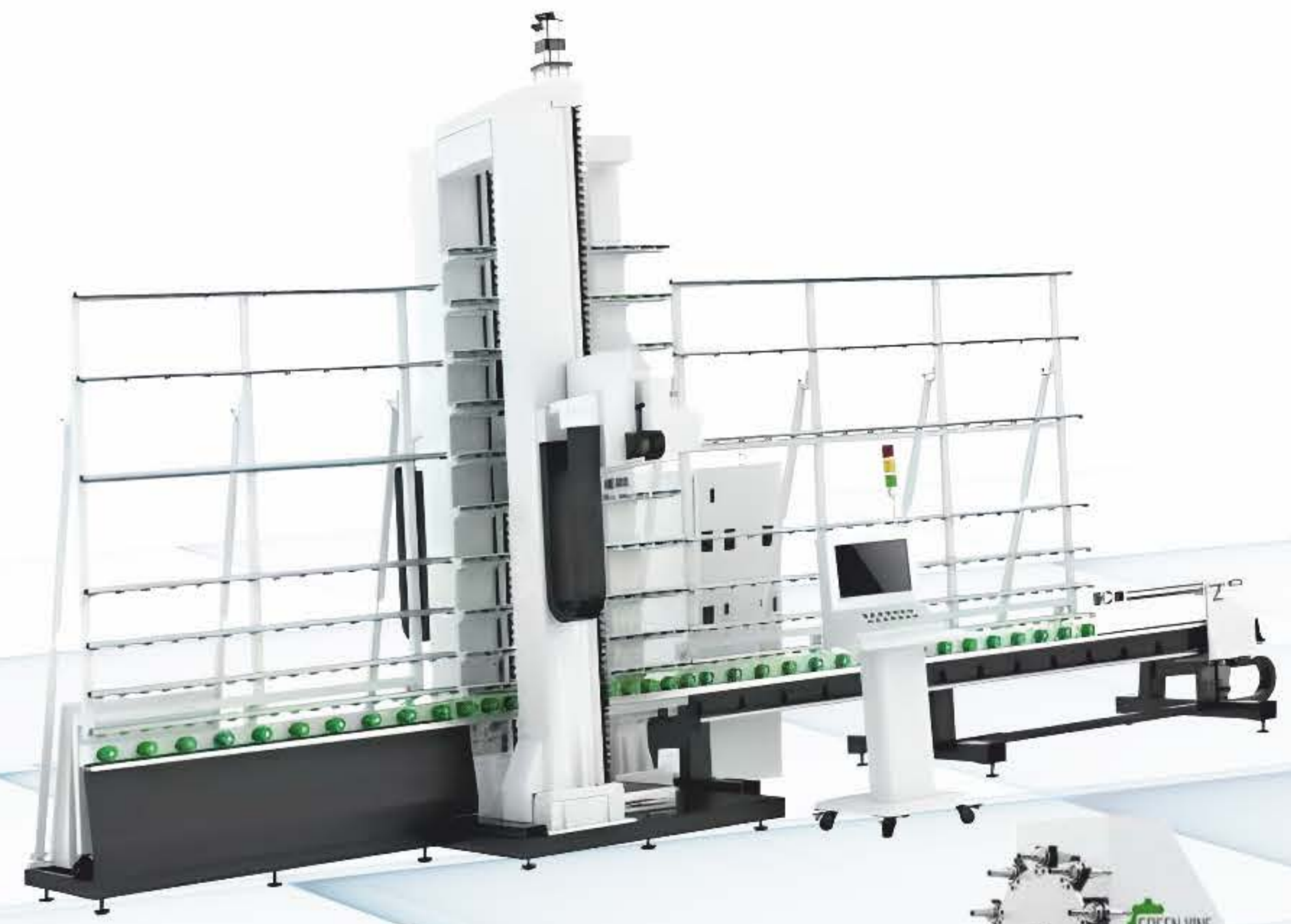
GREEN VINE



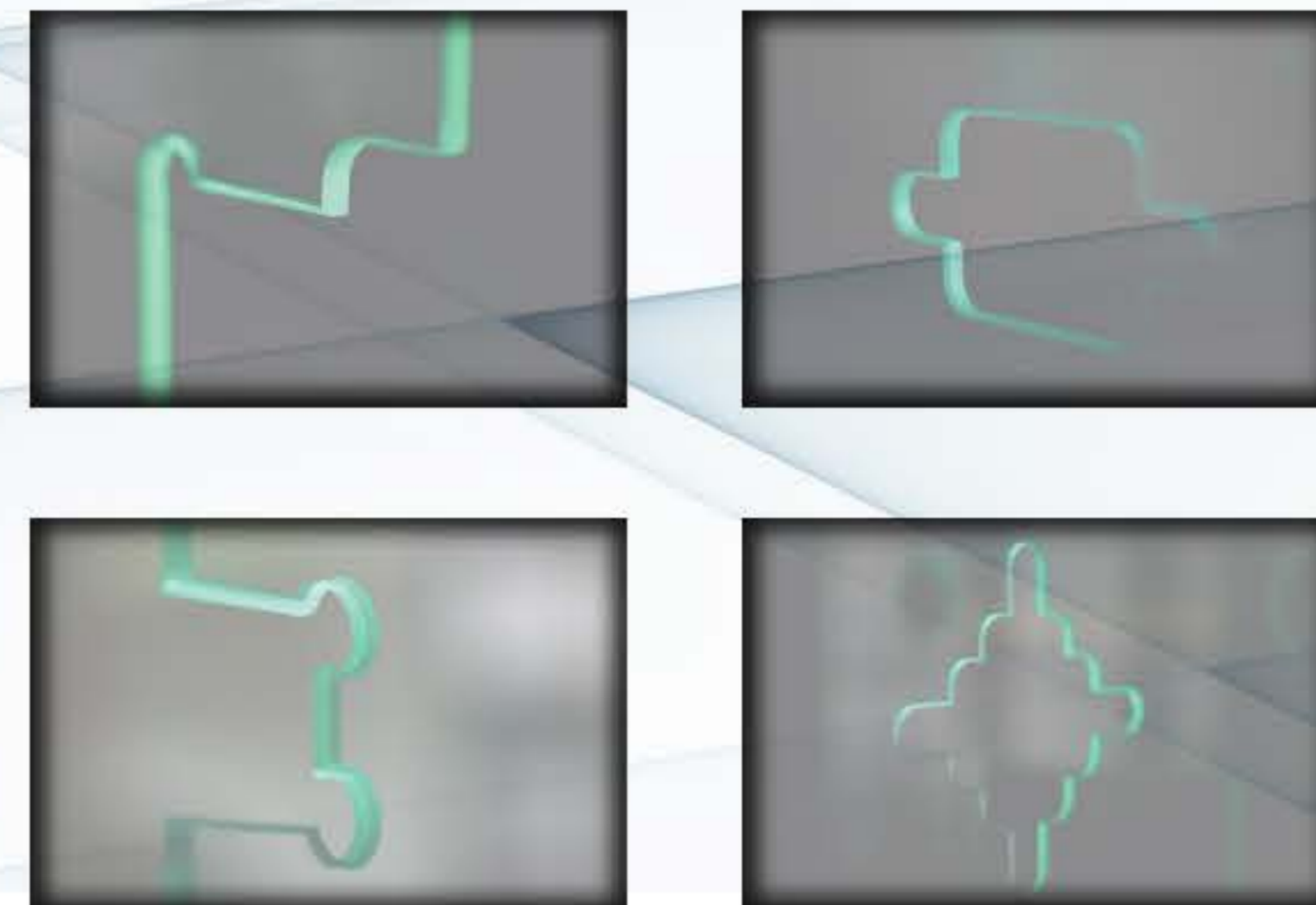
DİK CNC CAM İŞLEME MERKEZİ



10 KAFA DİK DELİK MAKİNESİ



Items	Unit	SKY 2030.B	SKY 2530.B	SKY 2542.B
Max glass size	mm	2000x3000	2500x3000	2500x4200
Min glass size	mm	500x300	500x300	500x300
Glass thickness	mm	4~19	4~19	4~19
Max glass weight	Kg	310	390	540
X, Y (V), Z (W) Max axis speed	m/min	40, 35, 15	40, 35, 15	40, 35, 15
Electro-spindle power S1	kw	7.5+7.5	7.5+7.5	7.5+7.5
Max electro-spindle rotate speed	rpm	10000	10000	10000
Electro-spindle front bearings diameter	mm	50	50	50
Tool Holder Cone		BT30	BT30	BT30
Tool Magazine		7+7	7+7	7+7
Max tool diameter	mm	70	70	70
Straight line machining precision	mm/m	±0.15	±0.15	±0.15
Distance precision between two holes	mm/m	±0.15	±0.15	±0.15
Tool center cooling		YES	YES	YES
Constant temperature water chiller		YES	YES	YES
Total power	kw	26	26	26



GREEN VINE

PRODUCT OVERVIEW

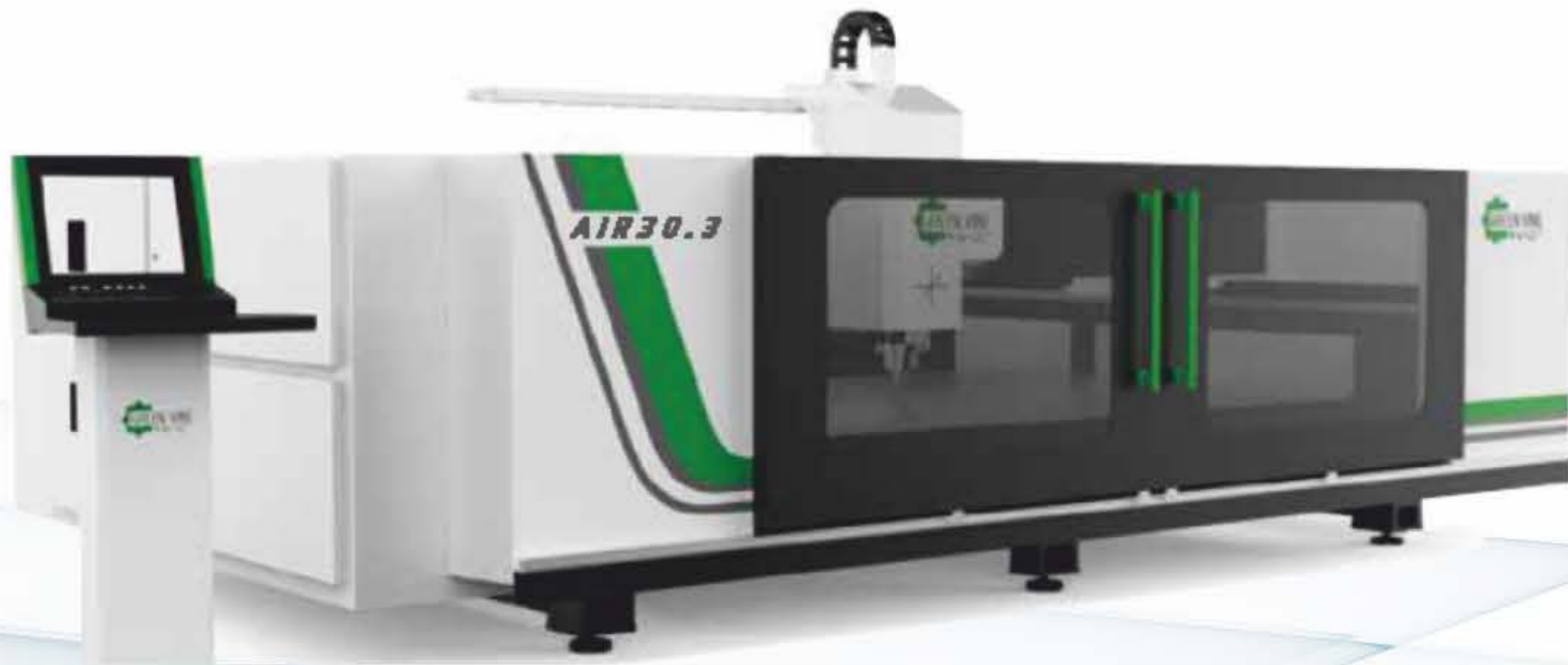
CAM İŞLEME MAKİNELERİ



GREEN VINE



3 - 5 EKSEN CNC CAM İŞLEME MERKEZİ



Items	Unit	AIR 30.3	AIR 38.3	AIR45.3
Max glass size	mm	3000x1600	3800x2000	4500x2500
Glass thickness	mm	4~25	4~25	4~25
X, Y, Z axis max speed	m/min	60, 50, 15	60, 50, 15	60, 50, 15
Electro-spindles power S1	kw	7.5	11	11
Max electro-spindle rotate speed	rpm	12000	12000	12000
Electro-spindle front bearings diameter	mm	60	60	60
Tool holder cone		BT40	BT40	BT40
Tool magazine		12	12	12
Max tool diameter	mm	150	150	150
Machining precision	mm	±0.1	±0.1	±0.1
Hand-held box		YES	YES	YES
Tool center cooling		YES	YES	YES
Constant temperature water chiller		YES	YES	YES
Total power	kw	20	23.5	23.5

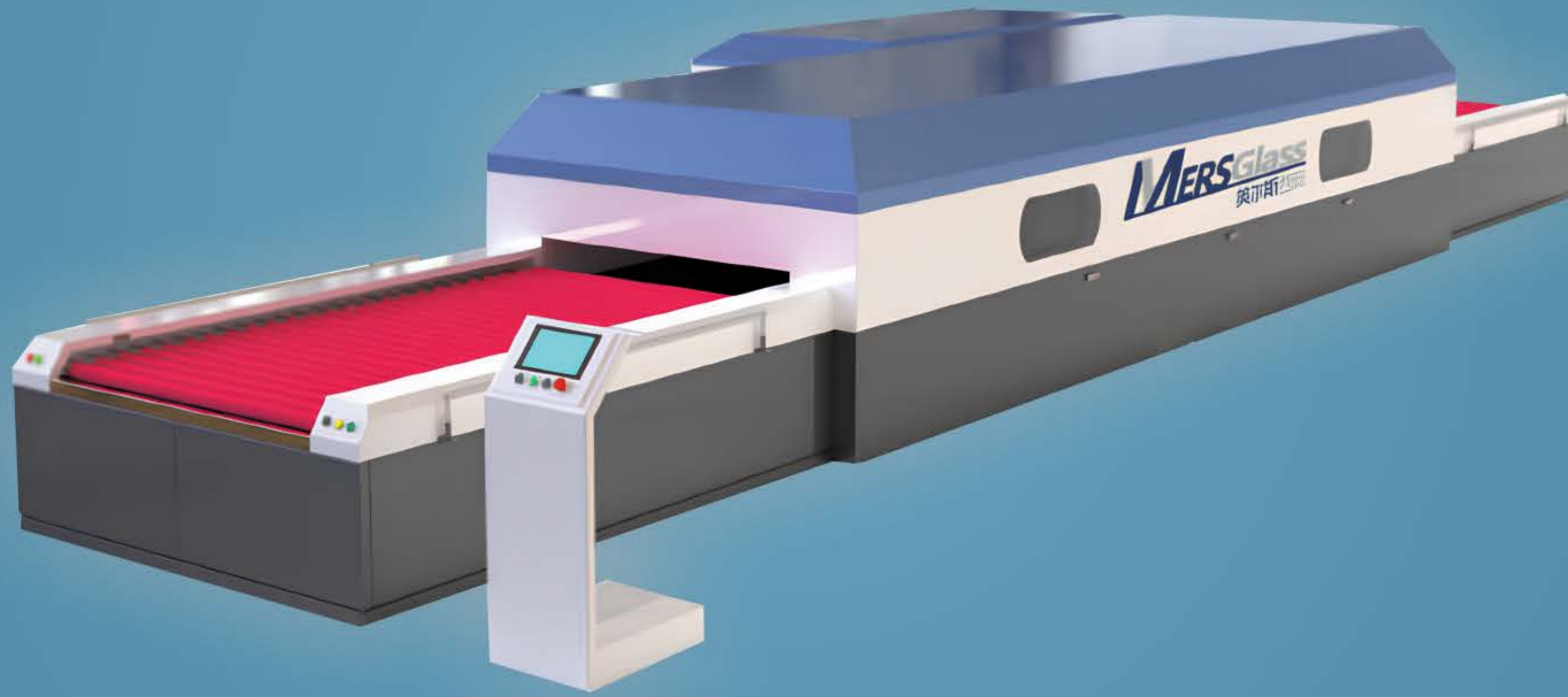
Items	Unit	AIR 30.5	AIR 38.5	AIR45.5
Max glass size	mm	3000x1600	3800x2000	4500x2500
Glass thickness	mm	4~25	4~25	4~25
X, Y, Z axis max speed	m/min	50, 40, 15	50, 40, 15	50, 40, 15
Electro-spindle power S1	kw	7.5	11	11
Max electro-spindle rotate speed	rpm	12000	12000	12000
Electro-spindle front bearings diameter	mm	60	60	60
Tool holder cone		BT40	BT40	BT40
Max C axis rotate speed	rpm	30	30	30
C axis swing angle		∞	∞	∞
Max A axis rotate speed	rpm	25	25	25
A axis swing angle		±90°	±90°	±90°
Tool magazine		12	12	12
Max tool diameter	mm	150	150	150
Machining precision	mm	±0.15	±0.15	±0.15
Hand-held box		YES	YES	YES
Tool center cooling		YES	YES	YES
Constant temperature water chiller		YES	YES	YES
Total power	kw	22	25.5	25.5

PRODUCT OVERVIEW

OTOKLAVSIZ LAMİNE MAKİNESİ



MERSGlass



6

ŞARJ
DAKİKA

MODEL	GLASS SIZE	5+5MM玻璃 OUTPUT	POWER KW	MACHINE SIZE	MACHINE WEIGHT KG
PSYQ70-24-4L	7000*2400*40	270-440	160	31.5*4.5*1.8	35000
PSYQ70-24-5HL高速机	7000*2400*40	440-670	210	39.0*4.5*1.8	45000
PSYQ60-32-4L	6000*3200*40	290-500	155	27.65.5*1.8	30000
PSYQ60-32-5HL高速机	6000*3200*40	450-700	210	35.6*5.5*1.8	38000
PSYQ60-24-4L	6000*2400*40	230-380	130	27.6*4.5*1.8	27000
PSYQ60-24-5HL高速机	6000*2400*40	340-570	130	35.0*4.5*1.8	26000
PSYQ50-24-4L	5000*2400*40	190-310	120	23.6*4.5*1.8	25000
PSYQ50-24-5HL高速机	5000*2400*40	280-480	120	29.0*4.5*1.8	32000
PSYQ36-24-4L	3660*2400*40	140-230	90	17.6*4.5*1.8	23000
PSYQ36-24-5HL高速机	3660*2400*40	200-340	120	22.0*4.5*1.8	28000

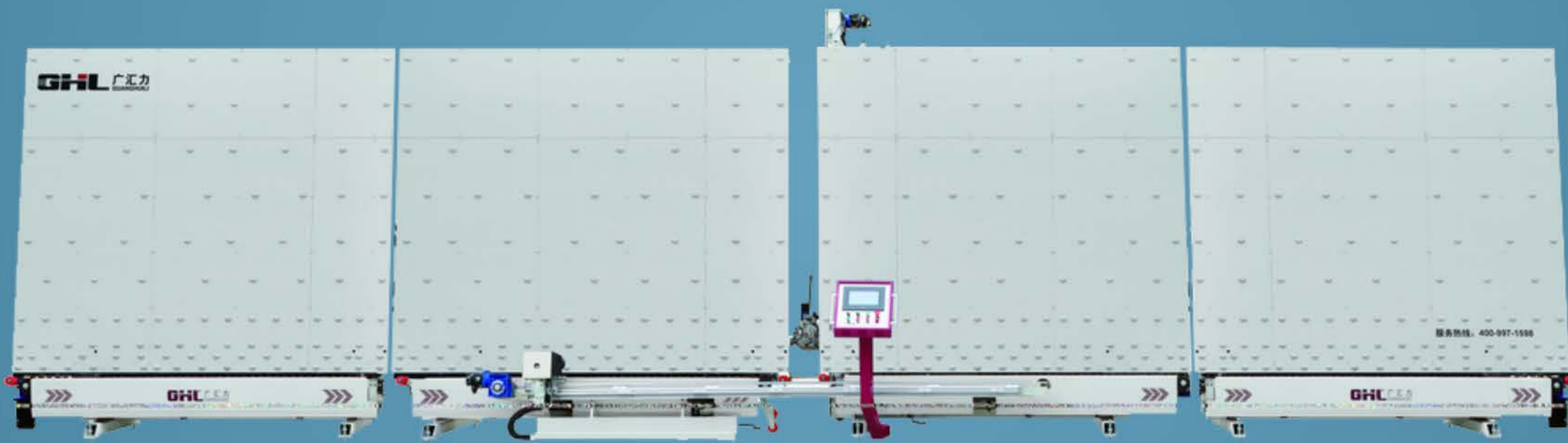
GLASS THICKNESS	FILM	STANDARD MACHINE CYCLE TIME	HIGH SPEED MACHINE CYCLE TIME
3+3	PVB	7-10	6-8 mins
5+5	PVB	15-17	8-11
6+6	PVB	16-20	10-13
8+8	PVB	18-22	13-15
10+10	PVB	22-28	16-19
12+12	PVB	28-32	17-22
15+15	PVB	30-38	24-28
20+20	PVB	32-45	26-30



PRODUCT OVERVIEW

OTOMATİK THİOKOL MAKİNESİ

GHL®



OTOMATİK THİOKOL HATLARI

2800X4500mm



Model	Voltage power	Air pressure	Squeeze pressure	Max. Glass size	Min. Glass size	Glass thickness	Working speed	Overall dimension
ZNJ2840-I/II	380V 10kw	0.6-0.8MPa	32Mpa	2800×4000mm	300×300mm	12-56mm	5-40m/min	8630×1400×3800mm
ZNJ2540-I/II	380V 9kw	0.6-0.8MPa	32Mpa	2500×4000mm	300×300mm	12-56mm	5-40m/min	8630×1400×3500mm

2000X3000mm



3000X6000mm



- High sealing performance, high automation, reduce labor cost, save manpower cost, improve production efficiency.
- Fully intelligent and smart HMI in touching screen, with memory function and easy operation.
- Best sealing quality without air bubbles, smooth surface, avoid time for corner correction!
- For Model II: Using two sealant supply systems, switch fast and one-key operation!
- The width of machine is 1.4m, small floor area, save space.
- The smallest insulating glass size can be processed is 300×300mm.
- Equipped with anti blocking device in the mixer, easy to clean.
- Servo control system adopts world famous brand (Japan YASKAWA), the performance is stable, counting speed is fast, sealant output with high precision, surface with high smoothness.
- Shaft transmission to make the glass being transferred smoothly with accurate positioning.
- Special V type transmission belt to avoid the sealant sticking on belt, ensure the glass edge clean, V type block is changeable.
- Spare parts are produced with high standardization and high precision, ensure the machine can be used with long-term stability.
- Suitable for triple glazing.
- Conveying wheel on backboard adopts embedded wheel, to make sure the glass be transported smoothly.
- Equipped with high speed positioning function, glass can be located accurately when transport fast.
- Touch screen adopt ethernet communication, sensitive operation, suitable for popular operation.
- Keep machine service and upgraded timely with our own R&D departments.



hct
smart design

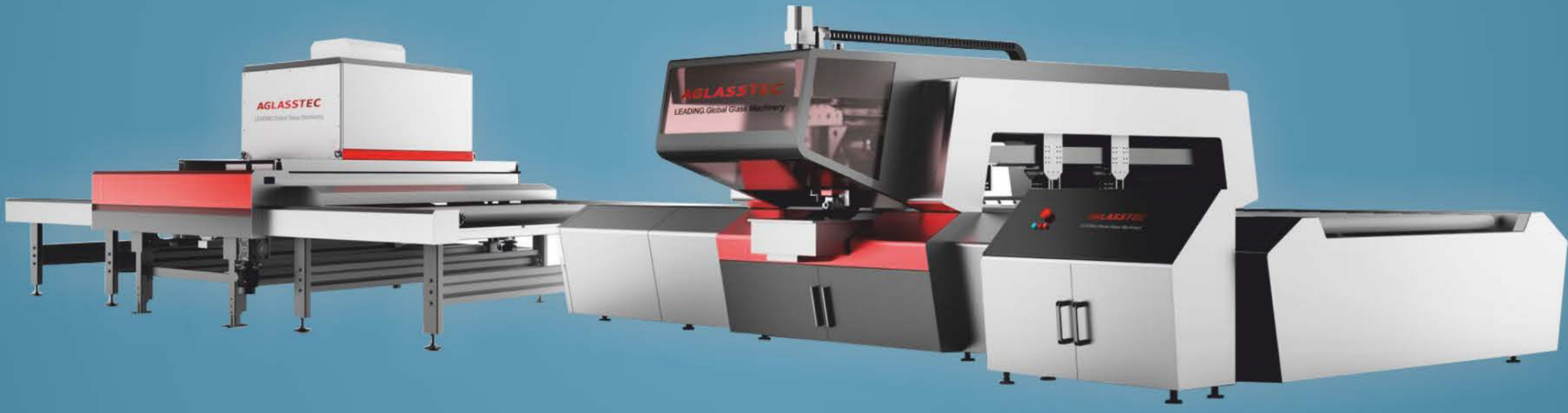
www.cammakine.com

PRODUCT OVERVIEW

YATAY CAM ZIMPARA MAKİNESİ



AGLASSTEC

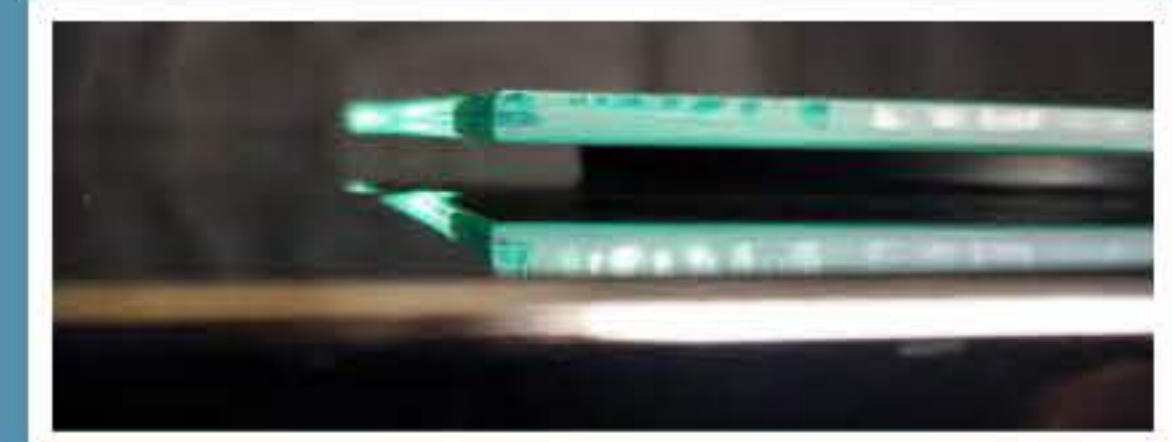
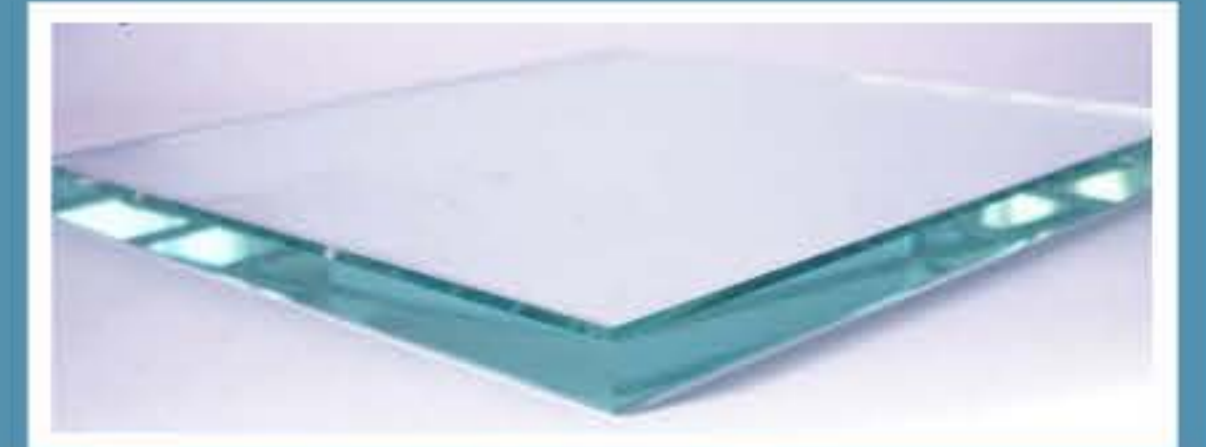


3 - 4 KAFA YATAY ZIMPARA

	FGE HF1600 - 3	FGE HF2000 - 3	FGE HF2500 - 3	FGE HF2500 - 4
hız (m/dak.)	15 - 30	15 - 30	15 - 30	15 - 40
max. cam ebadı	1600 x 4000mm	2000 - 4000mm	2500 - 4000mm	2500 - 4000mm
min cam ebadı	300 - 700mm	300 - 700mm	300 - 700mm	310 - 650mm
kafa sayısı	3	3	3	4
cam kalınlığı	4-10	4-10	4-10	4-10



makine özellikleri



PRODUCT OVERVIEW

SU JETİ MAKİNESİ

OneJet

OneJet



ÇOK KAFALI SU JETİ



- SERVODRIVER YASKAWA
- 2 USB FRONTAL
- WIRELESS KEYBOARD
- MOBILE CABINET
- NETWORK CARD
- RAM 4GB;HD 250G SSD
- 19 INCH SCREEN
- INTEL DUAL CORE
- ALL STAINLESS STRUCTURE
- ESASY CUTTING SOFTWARE



yüksek basınçlı pompa



pompa gücü

G 2010

4200 Bar

G 2520 - AC

4200 Bar

G 3020 - AB

4200 Bar

G 2060 - 3D

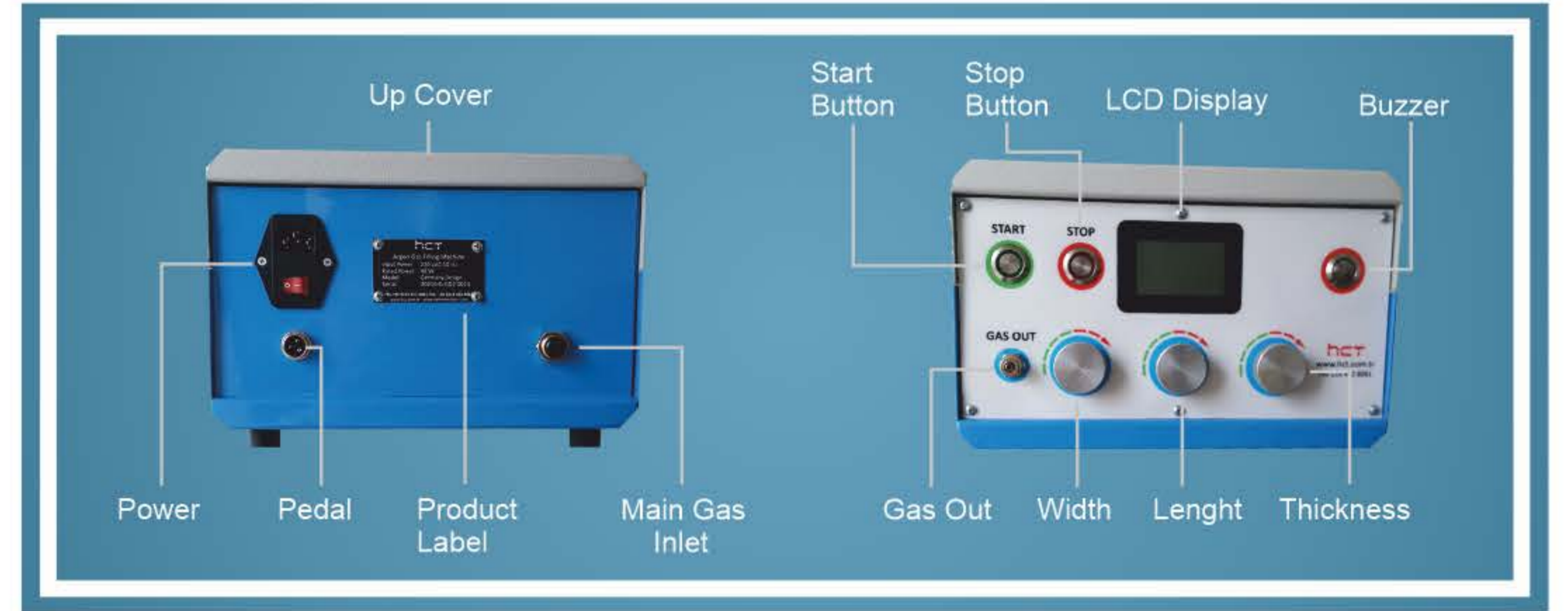
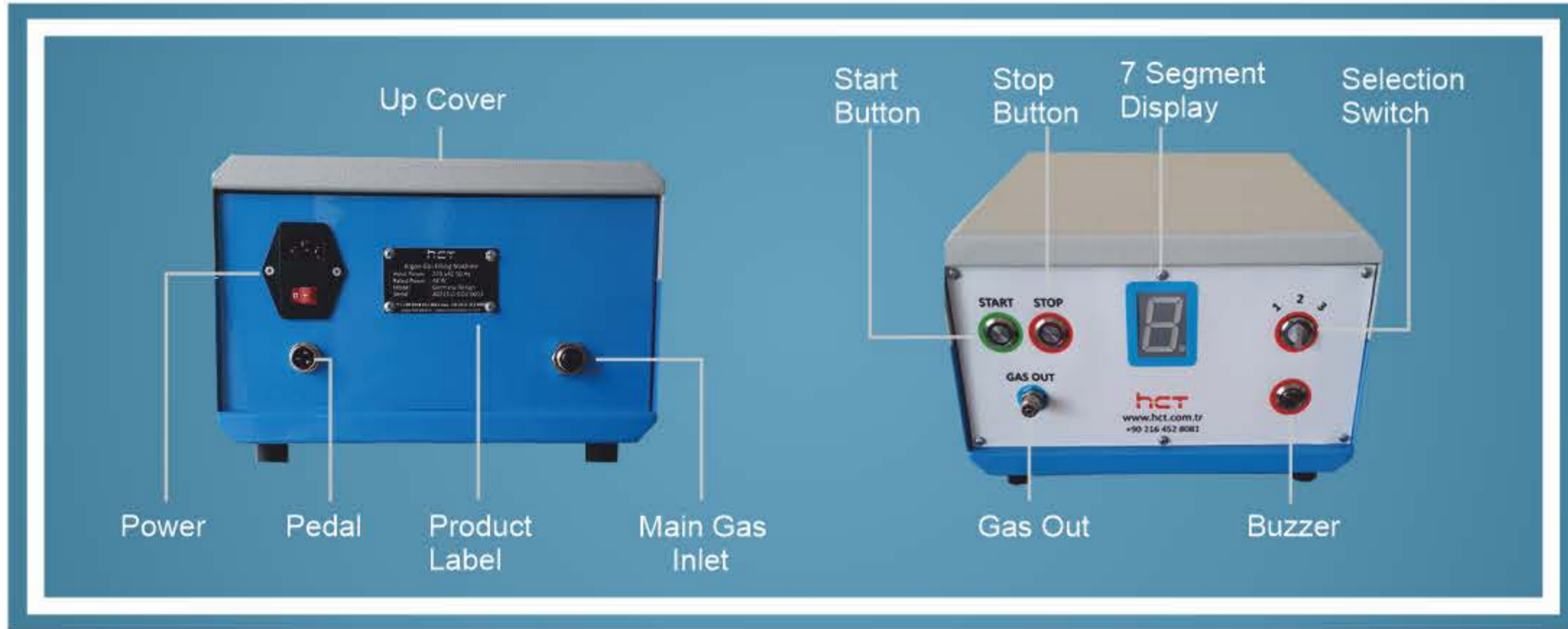
4200 Bar

hct
smart design

www.cammakine.com

PRODUCT OVERVIEW

ARGON GAZI DOLUM MAKİNELERİ



Özellikler

Properties

Dolum Hızı: 10Lt/dak
Ağırlık: 5kg
Ebatlar: 28x30x18cm
Voltaj: 220V
Güç: 24W
Gaz Tipi: Argon, Kripton
Ayak Pedalı: 1 Adet
Uyarı zili: Evet
LCD Ekran: 7 Segment
Dolum Şekli: Manuel
Kanal Sayısı: 1

Filling Speed: 10Lt/min
Weight: 5kg
Dimensions: 28x30x18cm
Voltage: 220V
Power: 24W
Gas Types : Argon, Krypton
Foot Pedal: 1 Piece
Buzzer: Yes
LCD Display: 7 Segment
Filling Method: 3 Positions
Channel Quantity: 1

■ AGFM - VB - ST

Özellikler

Properties

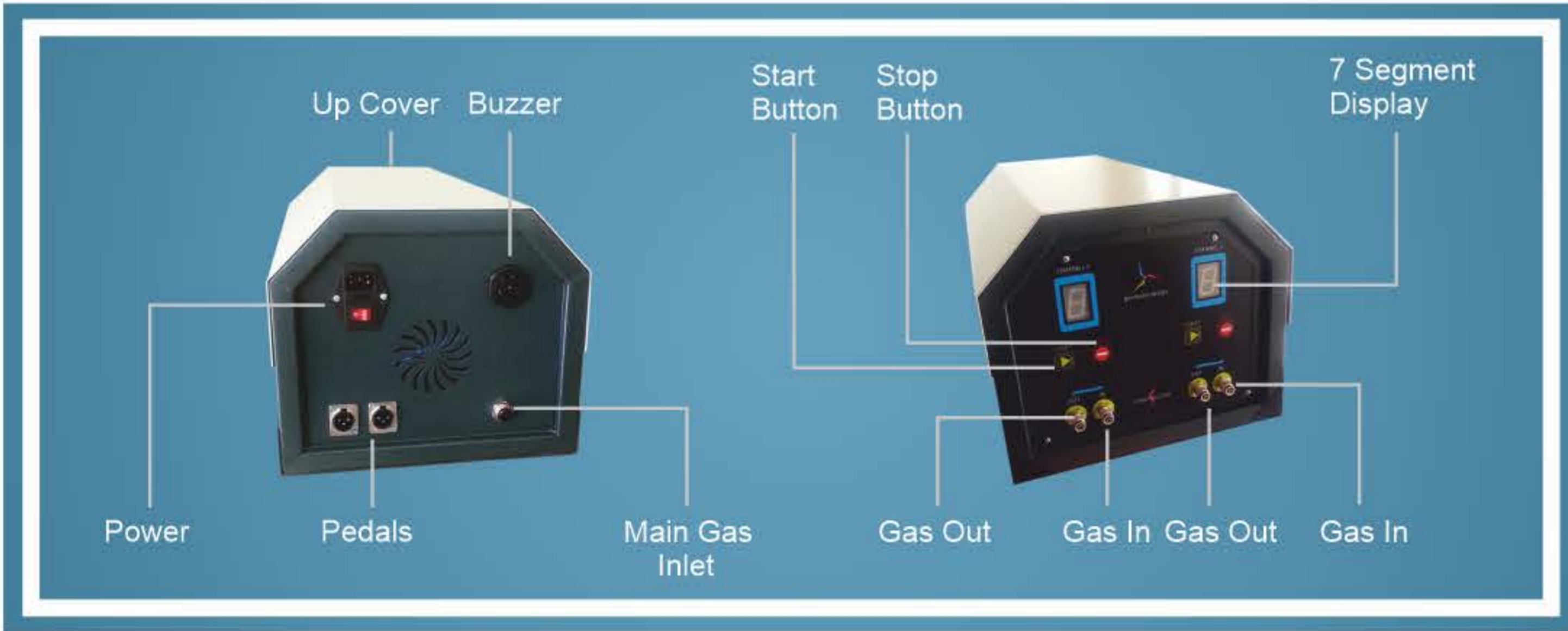
Dolum Hızı: 12Lt/dak
Ağırlık: 5kg
Ebatlar: 28x30x18cm
Voltaj: 220V
Güç: 24W
Gaz Tipi: Argon, Kripton
Ayak Pedalı: 1 Adet
Uyarı zili: Evet
LCD Ekran: Evet
Dolum Şekli: Manuel
Kanal Sayısı: 1

Filling Speed: 12Lt/min
Weight: 5kg
Dimensions: 28x30x18cm
Voltage: 220V
Power: 24W
Gas Types : Argon, Krypton
Foot Pedal: 1 Piece
Buzzer: Yes
LCD Display: Yes
Filling Method: Manuel
Channel Quantity: 1

■ AGFM - VB

PRODUCT OVERVIEW

ARGON GAZI TEST CİHAZI



Özellikler

Dolum Hızı: 13Lt/dak
Ağırlık: 10kg
Ebatlar: 28x49x25cm
Voltaj: 220V
Güç: 50W
Gaz Tipi: Argon, Kripton
Ayak Pedalı: 2 Adet
Uyarı zili: Evet
LCD Ekran: 2 x 7 Segment
Dolum Şekli: Otomatik
Kanal Sayısı: 2

Properties

Filling Speed: 13Lt/min
Weight: 10kg
Dimensions: 28x49x25cm
Voltage: 220V
Power: 50W
Gas Types : Argon, Krypton
Foot Pedal: 2 Pieces
Buzzer: Yes
LCD Display: 2 x 7 Segment
Filling Method: Automatic
Channel Quantity: 2

■ AGFM - SLINE

Özellikler

Test Hızı: 18-24sn
Ağırlık: 2kg
Ebatlar: 28x18x10cm
Voltaj: 220V
Güç: 24W
Gaz Tipi: Argon, Kripton
Kalibrasyon: Evet
Ölçüm: Gaz Numunesi
LCD Ekran: Evet
Test Şekli: Otomatik

Properties

Test Speed: 18-24sn
Weight: 2kg
Dimensions: 28x18x10cm
Voltage: 220V
Power: 24W
Gas Types : Argon, Krypton
Calibration: Yes
Measurement: Gas Sample
LCD Display: Yes
Test Method: Automatic

■ AGFM - TESTER

PRODUCT OVERVIEW

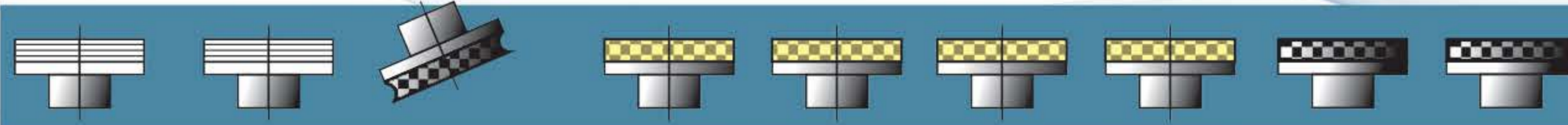
BİZOTE MAKİNESİ



FUSHAN



■ özellikler



型号/Model								
FXM261P	0.6-6m/min	40mm	3-45°	25x25mm	3-19mm	22kw	8100x1250x2520mm	4200kg
FXM261D	0.6-6m/min	40mm	3-45°	25x25mm	3-19mm	22kw	8100x1250x2520mm	4200kg
FXM261DII	0.6-3m/min	40mm	3-45°	120x120mm	3-19mm	22kw	8100x1250x2520mm	4200kg

PRODUCT OVERVIEW

MAKİNE YEDEK PARÇALARI



Yürütücü Teker



Sıyırıcı Lastik



Konveyör Kılıfları



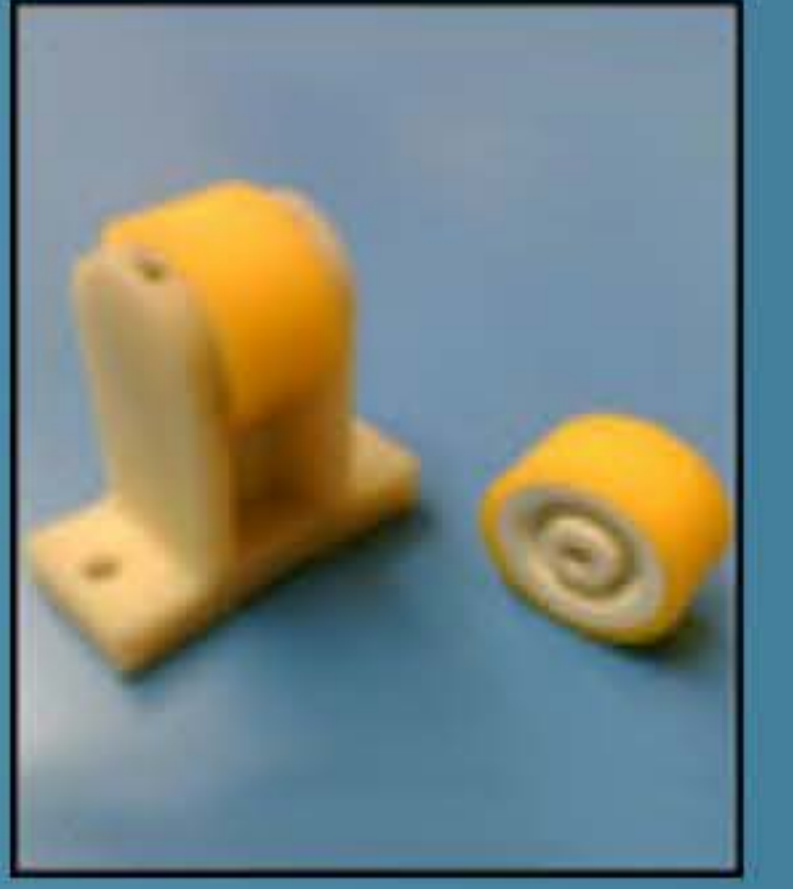
Yatak



Yatak



Taşıyıcı Teker



Sıyırıcı Lastik



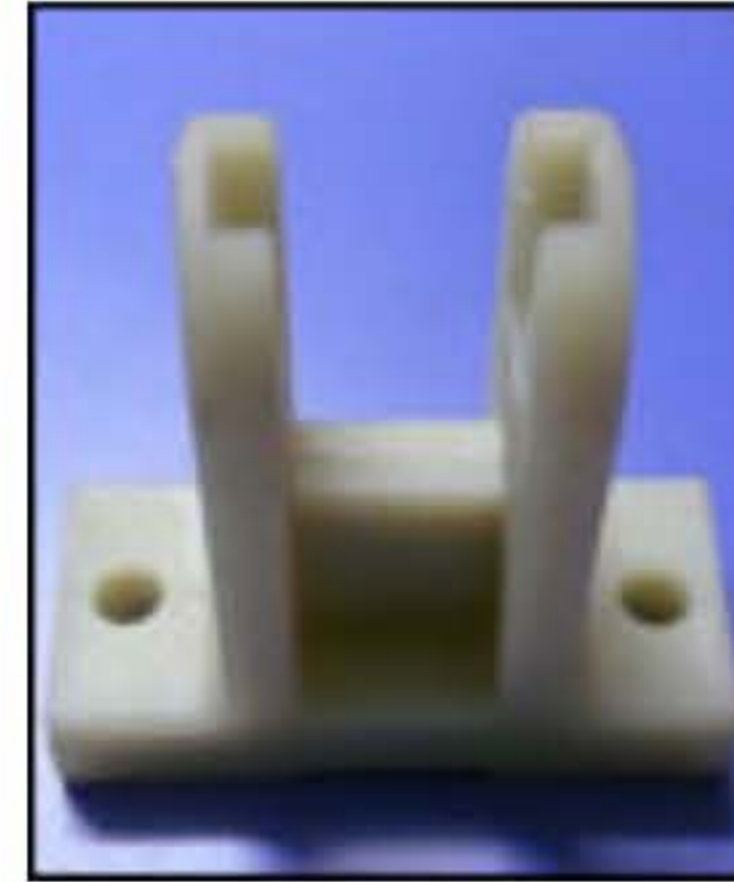
Sı Isıtıcısı



Tabaca Ucu



Yatak



SSR



Konik Dişli

Cam Yıkama
Tekerleği

Yatak



Vamtuz



Vamtuz



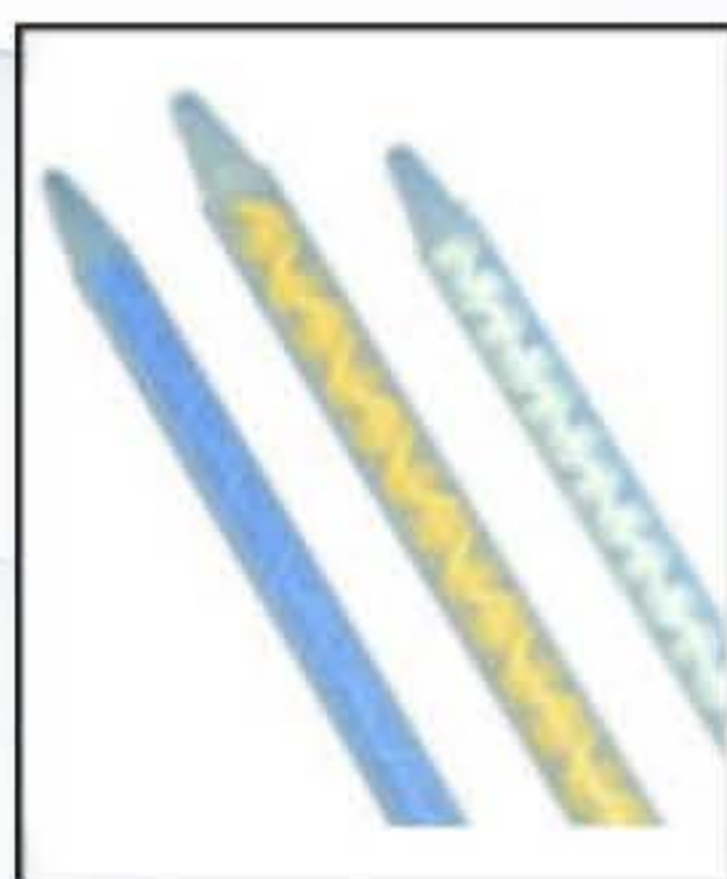
Cam Kesim Kayışı



Graco Tabanca

Cam Yıkama
Tekerleği

Plastik Mixer



Metal Mixer



Butil Kayış



Elmas Uç



İplik Filtre



PRODUCT OVERVIEW

LOW - E CAM SIYIRMA MAKİNELERİ

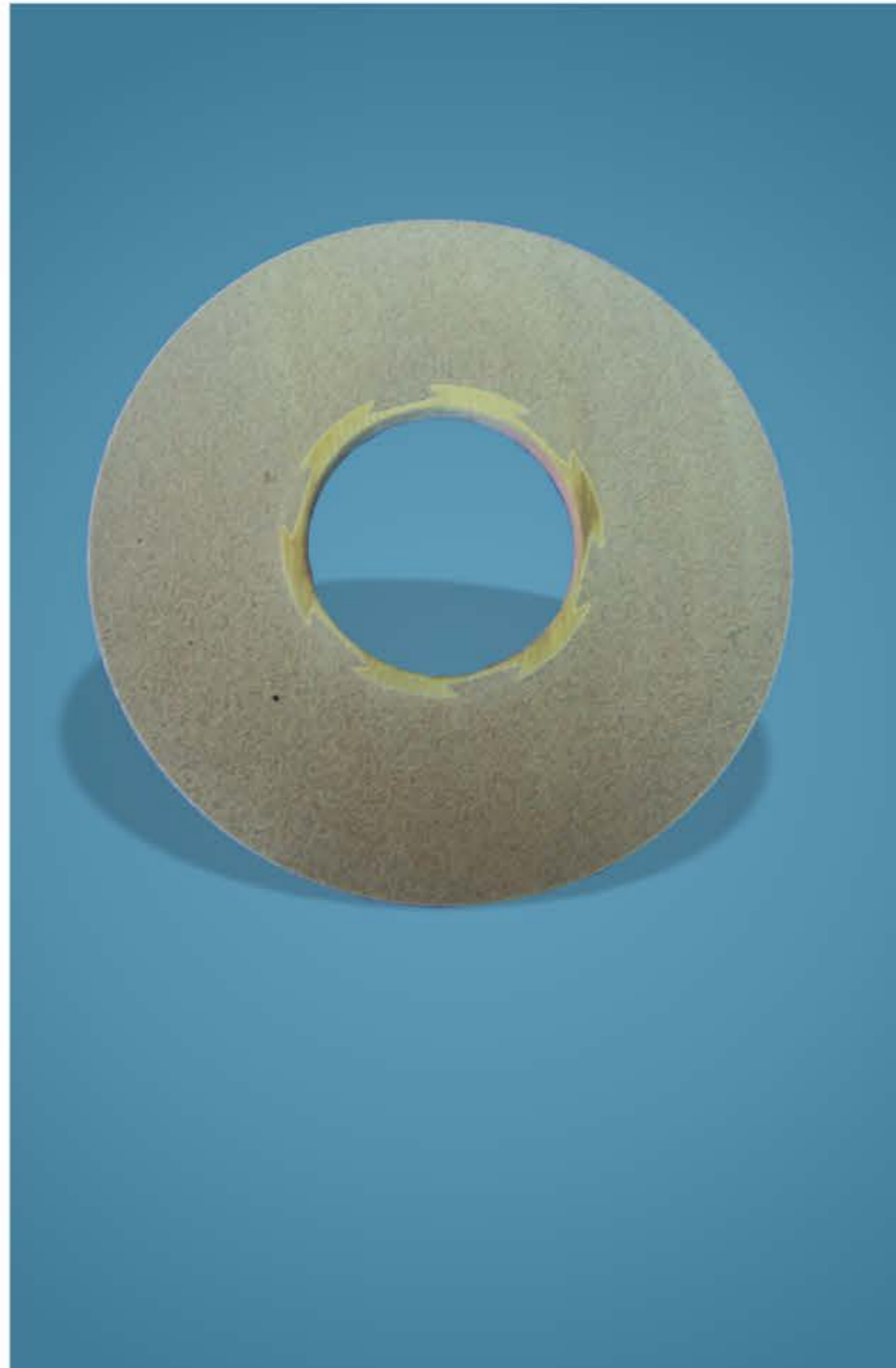


MANUEL



- 310mmX280mm X240mm ebat
- Ayarlanabilir taş mesafesi
- Taşınabilir özelliktedir
- Kolay kullanıma sahip
- 220VAC
- Hız sabitleyicisi

SIYIRMA



OTOMATİK



- Ayarlanabilir basınç
- Uzun ömürlü siyırma taşı
- Kesim makinelerine adapte edilebilir
- Dik olarak çalışma
- Ayarlanabilir çalışma devri
- 220VAV



THANK YOU

Firmamızı tercih ettiğiniz için içten teşekkür ederiz.
Sizlerin desteği, bizim için çok kıymetli bir motivasyon kaynağıdır.
Sizlere en iyi ürünleri sunabilmek için sürekli olarak çalışıyor ve hizmetlerimizi geliştirmeye odaklanıyoruz. Ürünlerimizin ve hizmetlerimizin arkasında durmayı taahhüt ediyoruz çünkü müşteri memnuniyeti, bizim için en önemli önceliklerimizden biridir.



your comfort zone...

HCT MÜHENDİSLİK OTOMASYON ÇÖZÜMLERİ
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SMART SOLUTIONS

The images and data in this catalogue are only indicative and never override the contract engagement of HCT Engineering. For photographic reasons the product is often shown complete with accessories that are not part of the standart equipment of the machine.