

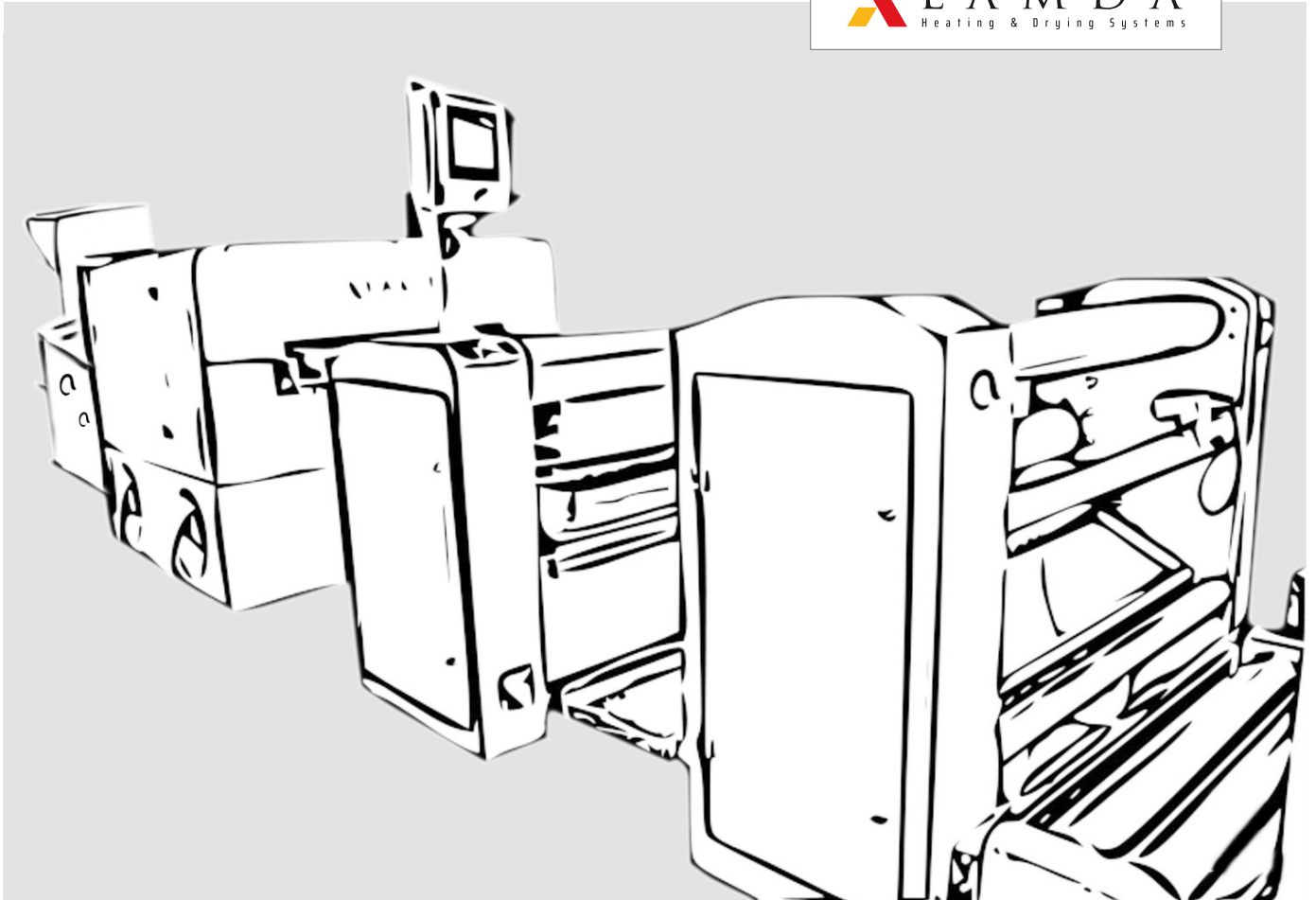
PERSONAL INFORMATION

Hakan Aydın

Metallurgy and Materials Manager

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Where production is

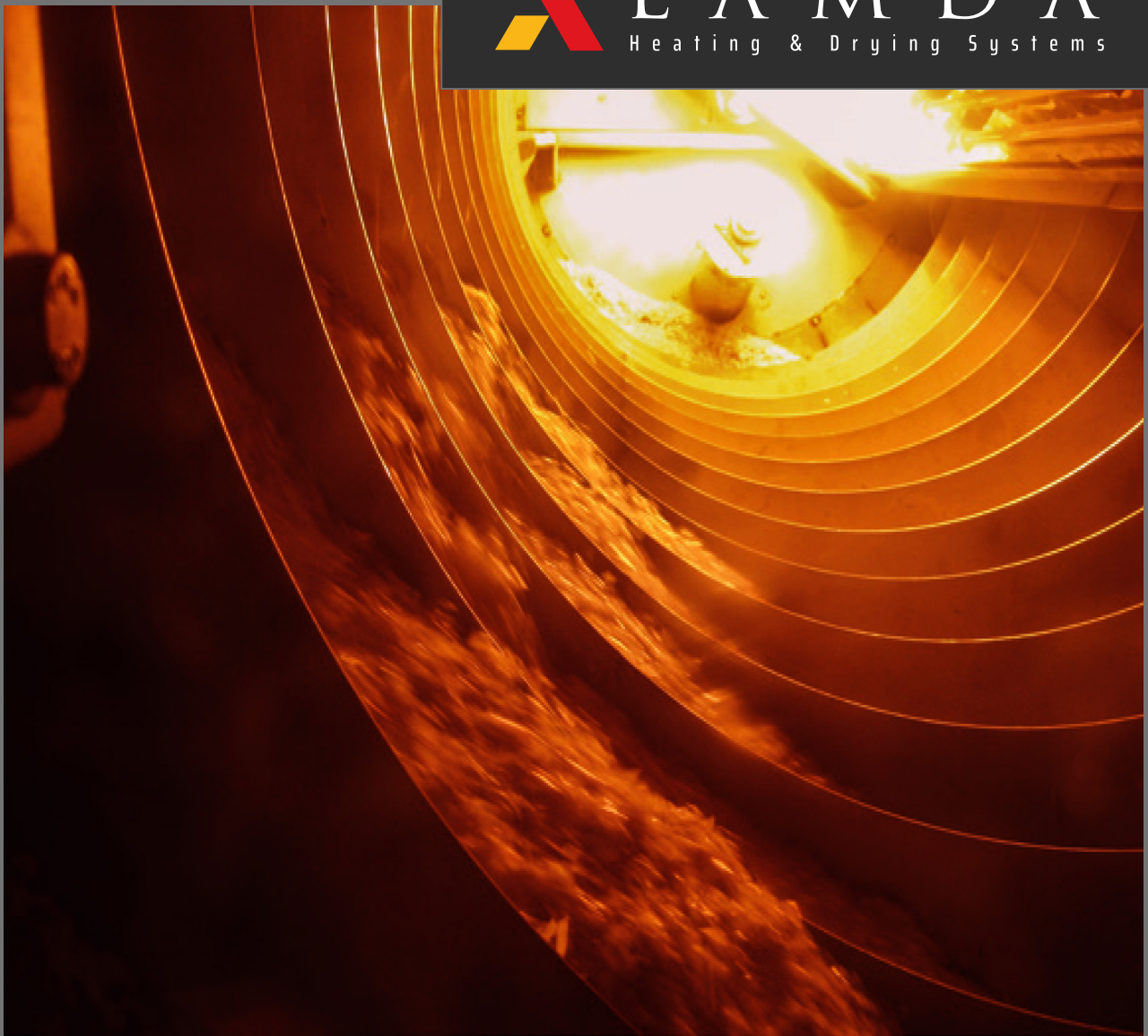


Product Catalogue

Heating & Drying Systems



L A M D A
Heating & Drying Systems



LAMDA Heating & Drying Systems
www.lamdahd.com

Where production is

01

LAMDA HEATING & DRYING SYSTEMS

MINI STENTER



Informations and Benefits ;

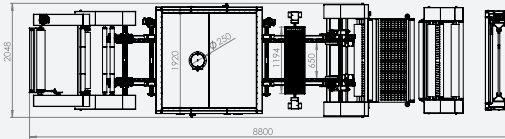
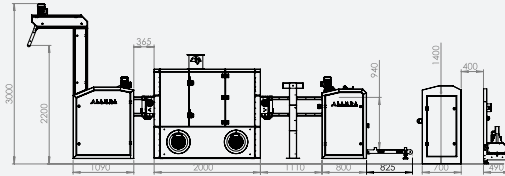
Bilgiler ve Faydaları

- * Convenient for laboratory production and customised applications
- * Pre-Treatment for digital printing
- * Easy installation, low energy consumption, less floor space
- * Easy operation, low investment costs

LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEKNİK ÇİZİM



LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

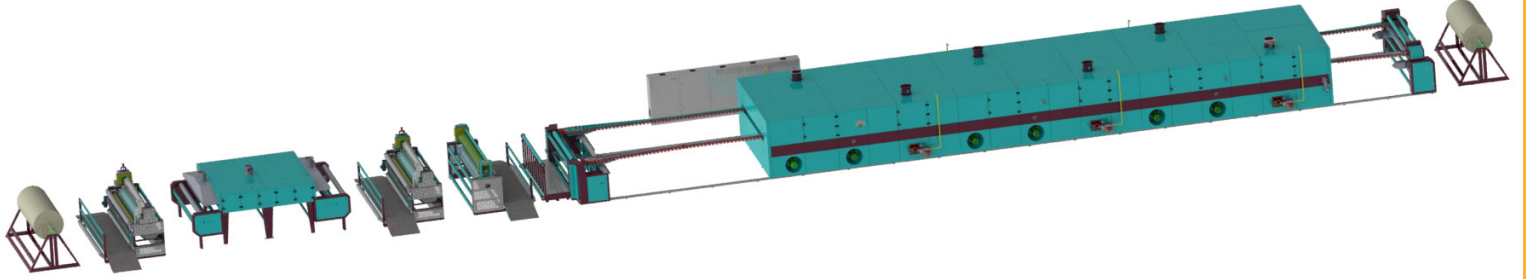
TEKNİK ÖZELLİKLER

Working Width Çalışma Geniřlięi	1.200 - 3.600 mm
Chamber Length Oda Uzunluęu	2.000 mm
Heating Type Isıtma Tipi	Gas, Lpg, Hot Oil, Steam, Electrical Coil, Infrared Lamp <i>Gaz, LPG, Sıcak Yaę, Buhar, Elektrik Bobini, Infrared Lamba</i>
Options Opsiyonlar	Fouling units, piece of chamber, IR pre-heating system, gumming and edge cutting units plaiter or roll wrapping outlet units <i>Fular üniteleri, Odacık parçası, Kızılötesi ön ısıtma sistemi, Yapıştırma ve kenar kesme üniteleri, Örgü veya rulo sarma çıkış üniteleri</i>

01

LAMDA HEATING & DRYING SYSTEMS

DOUBLE COATING WITH STENTER



Informations and Benefits ;

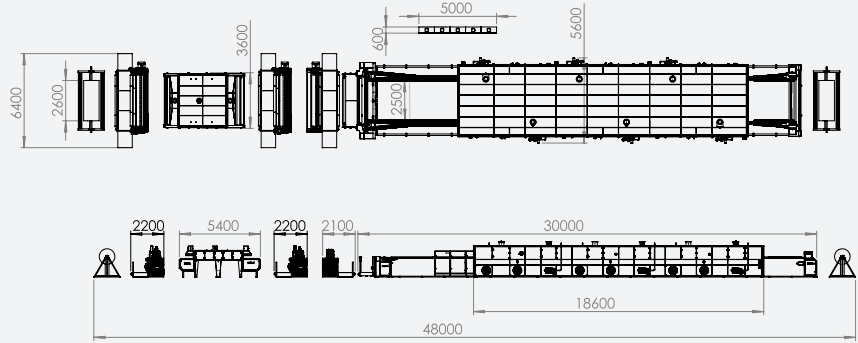
Bilgiler ve Faydaları

- * Convenient for laboratory production and customised applications
- * Pre-Treatment for digital printing
- * Easy installation, low energy consumption, less floor space
- * Easy operation, low investment costs

LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEKNİK ÇİZİM



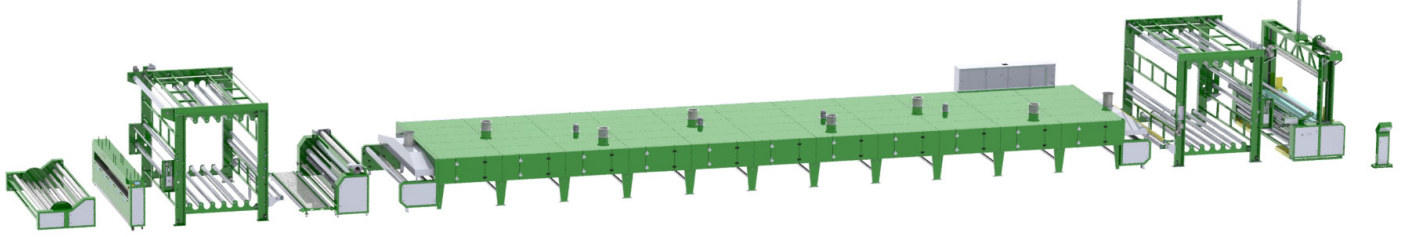
LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

TEKNİK ÖZELLİKLER

Working Width Çalışma Geniřlięi	1.200 - 3.600 mm
Chamber Length Oda Uzunluęu	2.000 mm
Heating Type Isıtma Tipi	Gass, Lpg, Hot Oil, Steam, Electrical Coil, infrared Lamp Gaz, LPG, Sıcak Yaę, Buhar, Elektrik Bobini, İnfared Lamba
Options Opsiyonlar	Foulard units, piece of chamber, IR pre-heating system, gumming and edge cutting units plaiter or roll wrapping outlet units Fular üniteleri, Odacık parçası, Kızılötesi ön ısıtma sistemi, Yapıştırma ve kenar kesme üniteleri, Örgü veya rulo sarma çıkış üniteleri

NON-SLIP COATING



Informations and Benefits ;

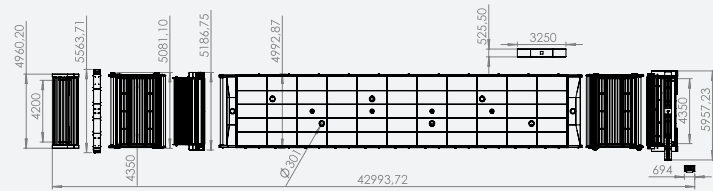
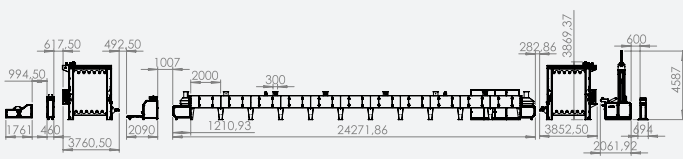
Bilgiler ve Faydaları

- * Useful for blade coating or rotation printing
- * All kinds of fabric can be coated
- * Can be seen desired print by chilled pattern roller at the dryer outlet
- * Cooling roller or air cooling can be applied

LAMDA HEATING & DRYING SYSTEMS

DETAILS

DETAYLAR



LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

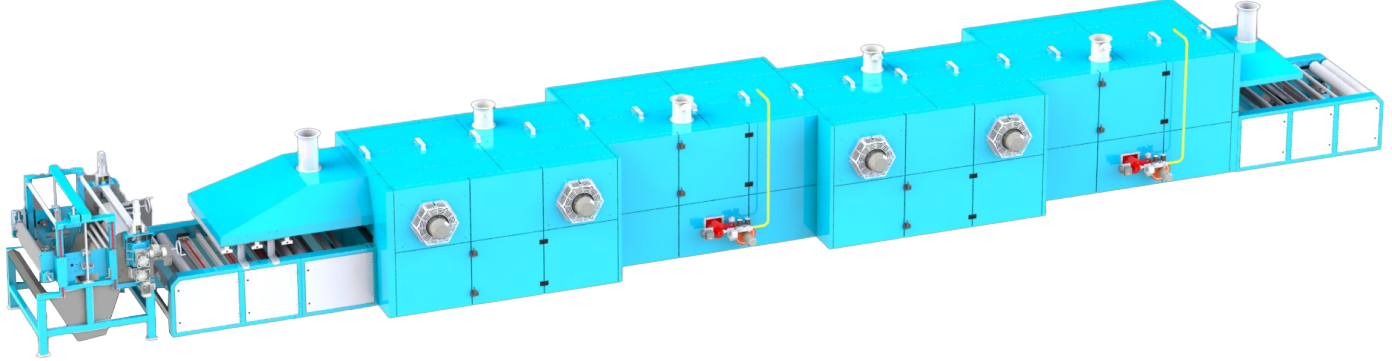
TEKNİK ÖZELLİKLER

Coating Type Kaplama Türü	Blade or screen printing
Heating Source Isı Kaynağı	Dry air or infrared lamps
Dryer Length Kurutucu Uzunluğu	Optional
Working Width Çalışma Genişliği	100 – 4.500 mm
Blade Print Setting Bıçak Baskı Ayarı	Servo Engine

01

LAMDA HEATING & DRYING SYSTEMS

FOAM DRYER



Informations and Benefits ;

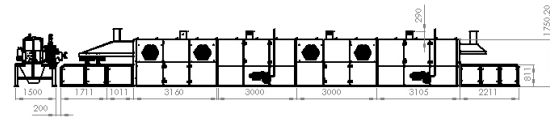
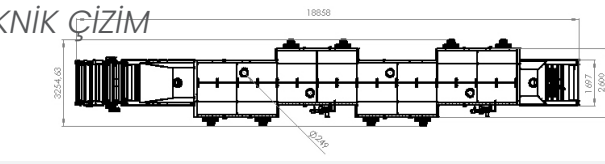
Bilgiler ve Faydaları

- * Designed for drying impregnated foam or high weight nonwoven materials
- * Chemical is homogenously impregnated into the material and achieves fireproof and acoustic properties
- * Maximum drying capacity is provided by 4 different hot air movements

LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEKNİK ÇİZİM



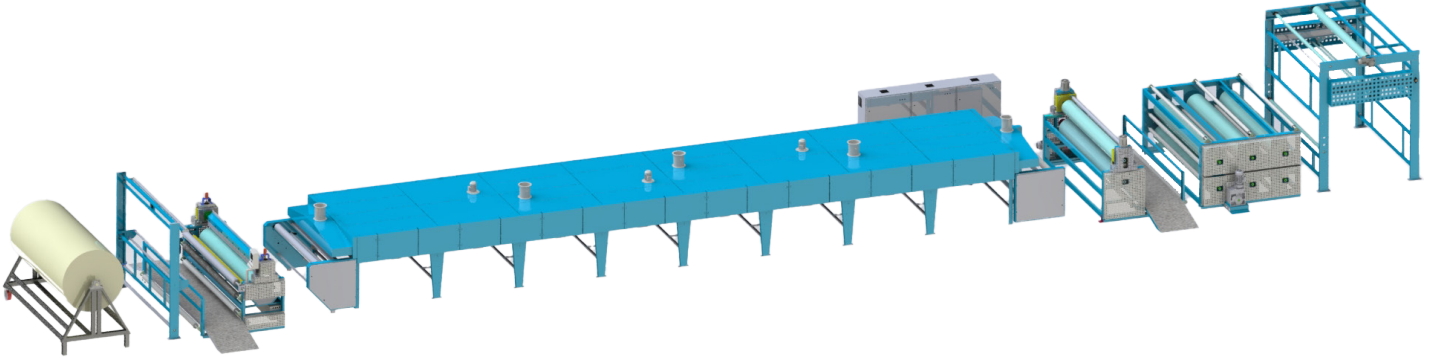
LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

TEKNİK ÖZELLİKLER

Coating Type Kaplama Türü	Chemical impregnation between double steel mesh conveyor
Squeezing Roller Sıkıştırma Rulosu	Chrome Cylinders
Density Adjustment Yoğunluk Ayarı	Servo engine – sensitive drive
Heating Source Isı Kaynağı	Dry air (Hot oil, gas or electric coil)
Working Width and Length Çalışma Geniřlięi ve Uzunluęu	Optional

PVC COATING LINE



Informations and Benefits ;

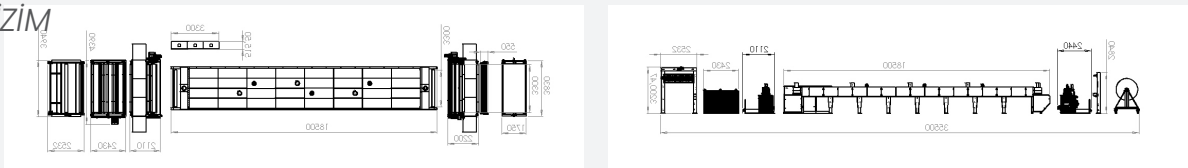
Bilgiler ve Faydaları

- * Useful for blade coating or rotation printing
- * All kinds of fabric can be coated
- * Can be seen desired print by chilled pattern roller at the dryer outlet
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LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEKNİK ÇİZİM



LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

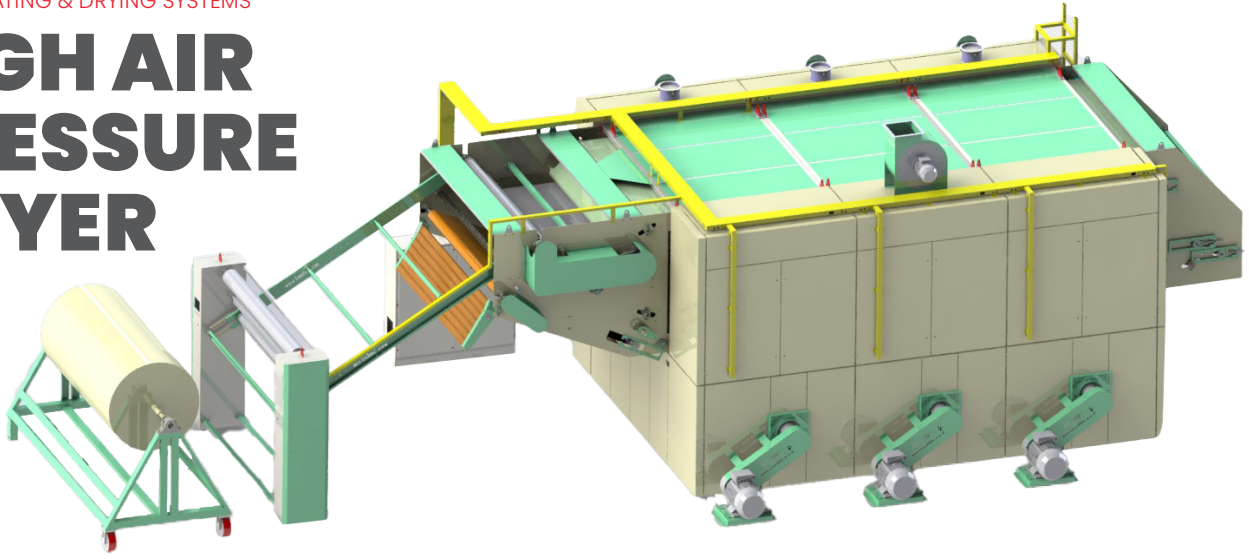
TEKNİK ÖZELLİKLER

Coating Type Kaplama Türü	Blade or screen printing
Heating Source Isı Kaynağı	Dry air or infrared lamps
Dryer Length Kurutucu Uzunluğu	Optional
Working Width Çalışma Genişliği	100 – 4.500 mm
Blade Print Setting Bıçak Baskı Ayarı	Servo Engine

01

LAMDA HEATING & DRYING SYSTEMS

HIGH AIR PRESSURE DRYER



Informations and Benefits ;

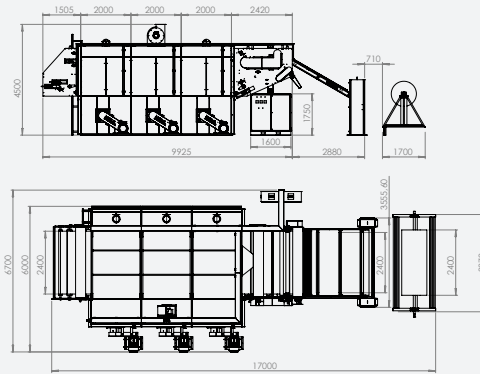
Bilgiler ve Faydaları

- * Effective on from %5 to full lycra fabrics (cotton-lycra, lycra-polyester, lycra-viscose, viscose-polyester)
- * Provides open width fixing quality by blowing air from 4 sides
- * Never creates any edge marks
- * Saves time against cutting and sanforizing process

LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEKNİK ÇİZİM



LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

TEKNİK ÖZELLİKLER

Coating Type Kaplama Türü	Blade or screen printing
Heating Source Isı Kaynağı	Dry air or infrared lamps
Dryer Length Kurutucu Uzunluğu	Optional
Working Width Çalışma Genişliği	100 – 4.500 mm
Blade Print Setting Bıçak Baskı Ayarı	Servo Engine

PVB NONAUTO CLAVE FURNACE



Informations and Benefits ;

Bilgiler ve Faydaları

* ADVANTAGE OF LAMDA PVB FURNACE:

- * Since pb is protected from moisture, the room where humidity and temperature control is required for storing or processing PVB in the lamda PVB furnace is needed. In this way, both the production cost and the investment cost are a low system.
- * It does not require a pre-laminate line, so a pre-furnace or roller system is not required.
- * It does not require a compressor that consumes high energy.
- * As is known, since the autoclave system operates under pressure, there is a risk of explosion in any error, since there is no pressure in the lamda PVB system, there is no risk of explosion.
- * It is operated with low cost due to its higher energy efficiency of up to 70% compared to traditional autoclave systems
- * Fixed energy costs independent of the production volume.
- * Possibility of layered lamination up to 60-70 mm in several independent combinations in a single piece or in a full tray for this reason, the autoclave in the production of bulletproof glass is very easy and mass production can be made instead of a disposable vacuum bag. Because it is a fixed vacuum bag, there is no need for a disposable vacuum bag.
- * A system that provides high temperature uniformity by using heat-emitting plates above and below the glass surface.

Even very deep curved laminated glasses welded from adjustable shelf system in the lamda pb oven can be produced easily and cheaply in the cambered laminated glasses produced very laboriously in the autoclave system.

Lamda pvb furnace, which has less charging time compared to otoklov, can be produced in a short time and at low cost without filling the machine fully.

- * With many decorative materials such as fabric, digital printed, mesh etc. Which cannot be produced in the autoclave, special glasses used in the architectural sector can be manufactured without problems with the lamda pb system.

LAMD A HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

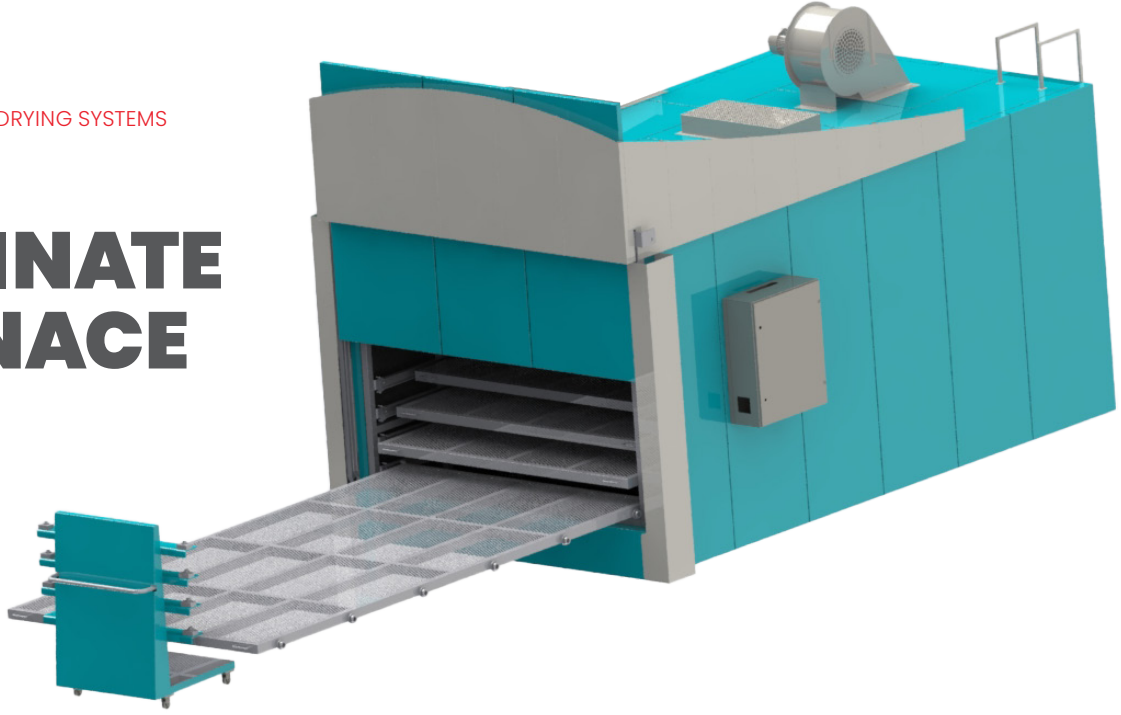
TEKNİK ÖZELLİKLER

TECHNICAL CHARACTERISTICS OF THE LAMDA PVB FURNACE							
Type	Model	Width (cm)	High (cm)	Length (cm)	Max. Length (cm)	Glass Size (cm)	Power
Lamda PVB	LMD2232-2R	310	280	365	780	220 x 320	75 kw
Lamda PVB	LMD2232-4R	310	355	365	780	220 x 320	125 kw
Lamda PVB	LMD2536-2R	340	280	405	860	250 x 360	81 kw
Lamda PVB	LMD2536-4R	340	355	405	860	250 x 360	135 kw
Lamda PVB	LMD2545-2R	340	280	495	1040	250 x 450	108 kw
Lamda PVB	LMD2545-4R	340	355	495	1040	250 x 450	180 kw
Lamda PVB	LMD3260-4R	420	355	645	1340	321 x 600	300 kw

01

LAMDA HEATING & DRYING SYSTEMS

EVA LAMINATE FURNACE



Informations and Benefits ;

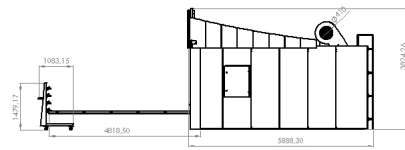
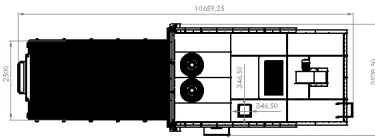
Bilgiler ve Faydaları

- * Effective on from %5 to full lycra fabrics (cotton-lycra, lycra-polyester, lycra-viscose, viscose-polyester)
- * Provides open width fixing quality by blowing air from 4 sides
- * Never creates any edge marks
- * Saves time against cutting and sanforizing process

LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEK



Dimension

Boyut

12.000 mm lenght, 2.580 mm width, 1.800 mm height

Working Width

Çalışma Geniřlięi

1.200 – 3.600 mm

Fabric Carrier Mold Length

Kumař Tařıyıcı
Kalıp Uzunluęu

6.000 mm

Production Speed

Ürün Üretim Hızı

20 mt/min max.

Electrical Capacity

Elektrik Kapasitesi

15,29 kw / 380V

Temperature

Sıcaklık

220 °C max.

Heating Source

Isı Kaynaęı

Hot oil or gas

01

LAMD A HEATING & DRYING SYSTEMS

TUBULAR FABRIC STENTER



Informations and Benefits ;

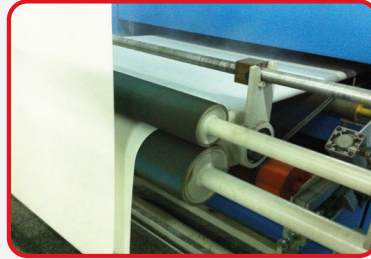
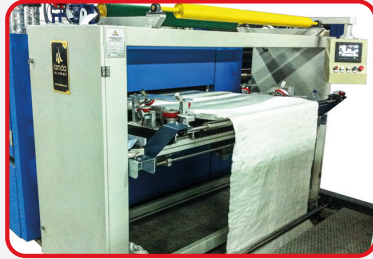
Bilgiler ve Faydaları

- * Effective on from %5 to full lycra fabrics (cotton-lycra, lycra-polyester, lycra-viscose, viscose-polyester)
- * Provides open width fixing quality by blowing air from 4 sides
- * Never creates any edge marks
- * Saves time against cutting and sanforizing process

LAMD A HEATING & DRYING SYSTEMS

DETAILS

DETAYLAR



Dimension

Boyut

12.000 mm length, 2.580 mm width, 1.800 mm height

Working Width

Çalışma Geniřlięi

1.200 - 3.600 mm

Fabric Carrier Mold Length

Kumař Tařıyıcı
Kalıp Uzunluęu

6.000 mm

Production Speed

Ürün Üretim Hızı

20 mt/min max.

Electrical Capacity

Elektrik Kapasitesi

15,29 kw / 380V

Temperature

Sıcaklık

220 °C max.

Heating Source

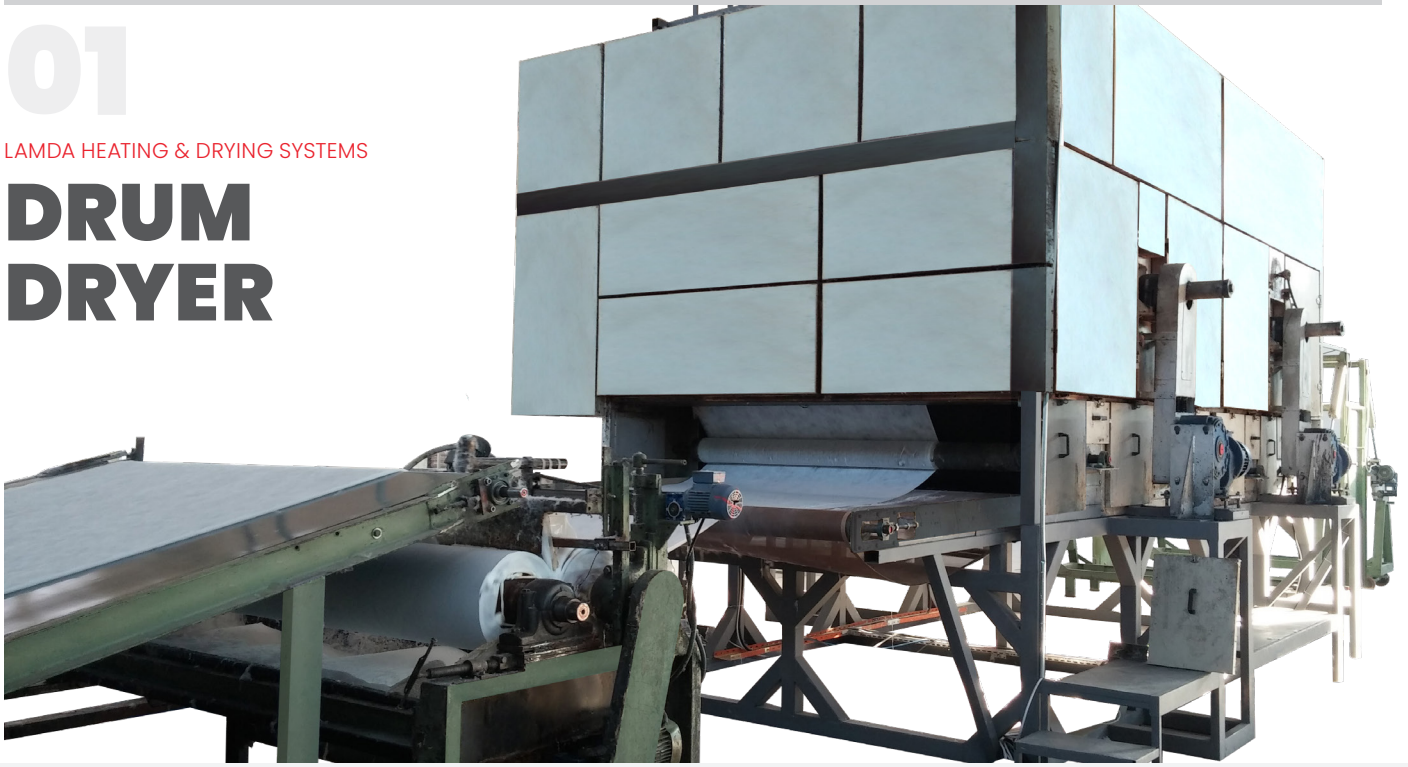
Isı Kaynaęı

Hot oil or gas

01

LAMDA HEATING & DRYING SYSTEMS

DRUM DRYER



Informations and Benefits ;

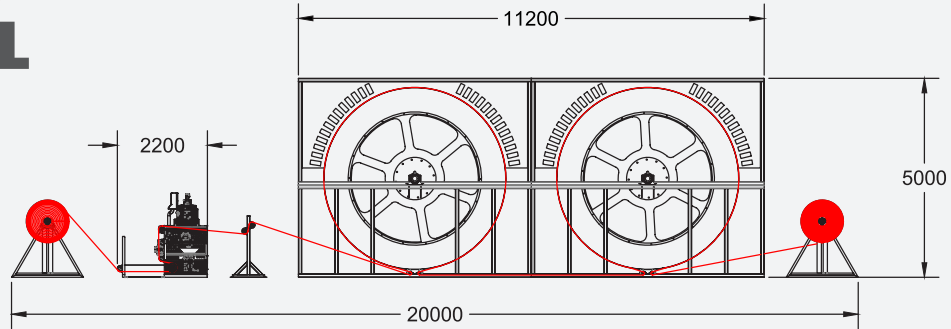
Bilgiler ve Faydaları

- * Effective on from %5 to full lycra fabrics (cotton-lycra, lycra-polyester, lycra-viscose, viscose-polyester)
- * Provides open width fixing quality by blowing air from 4 sides
- * Never creates any edge marks
- * Saves time against cutting and sanforizing process

LAMDA HEATING & DRYING SYSTEMS

TECHNICAL DRAWING

TEKNİK ÇİZİM



Dimension

Boyut

12.000 mm length, 2.580 mm width, 1.800 mm height

Working Width

Çalışma Geniřliđi

1.200 - 4.500 mm

Drum Diameter

Kazan Çapı

0 - 300 mm

Production Speed

Ürün Üretim Hızı

0 - 80 mt.

Electrical Capacity

Elektrik Kapasitesi

48 kw

Temperature

Sıcaklık

220 °C max.

Heating Source

Isı Kaynađı

Hot oil or gas

01

LAMD A HEATING & DRYING SYSTEMS

HOT AIR DRYER



Informations and Benefits ;

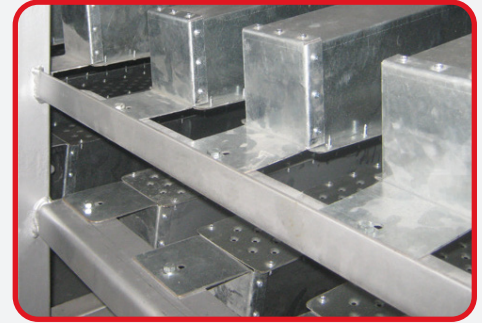
Bilgiler ve Faydaları

- * Suitable for drying after digital printing, screen printing and several coating applications
- * Air blower or infrared heated systems
- * To be able to produce the desired width and length
- * Low energy consumption, high efficiency, stylish design

LAMD A HEATING & DRYING SYSTEMS

DETAILS

DETAYLAR



LAMD A HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

TEKNİK ÖZELLİKLER

Heating Source Isı Kaynağı	Infrared lamps, gas and electric coil
Dimensions Boyut	Customised
Isolation İzolasyon	100 density rock wool
Heat Controller Sıcaklık Kontrolü	+/- 1°C tolerant PID system
Synchronization Senkronizasyon	Can be coupled to all systems

01

LAMDA HEATING & DRYING SYSTEMS

INFRARED DRYER



Informations and Benefits ;

Bilgiler ve Faydaları

- * Suitable for drying after digital printing, screen printing and several coating applications
- * Air blower or infrared heated systems
- * To be able to produce the desired width and length
- * Low energy consumption, high efficiency, stylish design

LAMDA HEATING & DRYING SYSTEMS

DETAILS

DETAYLAR



LAMDA HEATING & DRYING SYSTEMS

TECHNICAL SPECIFICATIONS

TEKNİK ÖZELLİKLER

Heating Source Isı Kaynağı	Infrared lamps, gas and electric coil
Dimensions Boyut	Customised
Isolation İzolasyon	100 density rock wool
Heat Controller Sıcaklık Kontrolü	+/- 1°C tolerant PID system
Synchronization Senkronizasyon	Can be coupled to all systems



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