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FILLS**

**2023**  
CATALOG





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**About Us:** We are Pharma Fills, experts in manufacturing pharmaceutical and medicinal machinery. Our headquarters are based in Istanbul, Turkey, and we take pride in being pioneers in this vital industry. Pharma Fills is one of the sub-brands derived from the parent company, Mavi Mak Makine.

**Our Expertise:** Pharma Fills is the optimal choice for companies seeking precision and efficiency in manufacturing and packaging pharmaceutical and medicinal products. Our team of experts possesses extensive experience in this field, and we are dedicated to meeting our customers' requirements with the highest quality standards.

**Advanced Technology:** At Pharma Fills, we rely on the latest global technologies to design and manufacture pharmaceutical and medicinal machinery. We strive to provide innovative and safe solutions to our customers, ensuring that our products comply with international industry standards.

**Our Services:** Pharma Fills specializes in developing and manufacturing a comprehensive range of pharmaceutical and medicinal packaging machines. We offer a complete solution to the needs of the pharmaceutical industries through advanced and reliable equipment.

**Vision:** Pharma Fills aims to continue progressing and advancing in the field of pharmaceutical and medicinal machinery manufacturing. We aspire to become leaders in this industry, and we are determined to provide our services to the world in support of the healthcare sector's development.

**Contact Us:** At Pharma Fills, we are committed to offering the highest level of support to our customers. Contact us to learn more about our products and services and how we can help you achieve your goals in the pharmaceutical manufacturing field.

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**Hakkımızda:** Biz Pharma Fills olarak, ilaç ve tıbbi makinelerin imalatında uzmanız. Merkezimiz İstanbul, Türkiye'de bulunmaktadır ve bu hayati sektörde öncü olmaktan gurur duyuyoruz.

Pharma Fills, ana şirket olan Mavi Mak Makine'den üretilmiş alt markalardan biridir.

**Uzmanlık Alanımız:** Pharma Fills, ilaç ve tıbbi ürünlerin üretim ve ambalajlama süreçlerinde hassasiyet ve verimlilik arayan şirketler için optimal bir seçenektir. Uzman ekibimiz bu alanda geniş deneyime sahiptir ve müşterilerimizin gereksinimlerini en yüksek kalite standartlarıyla karşılamaya adanmışız.

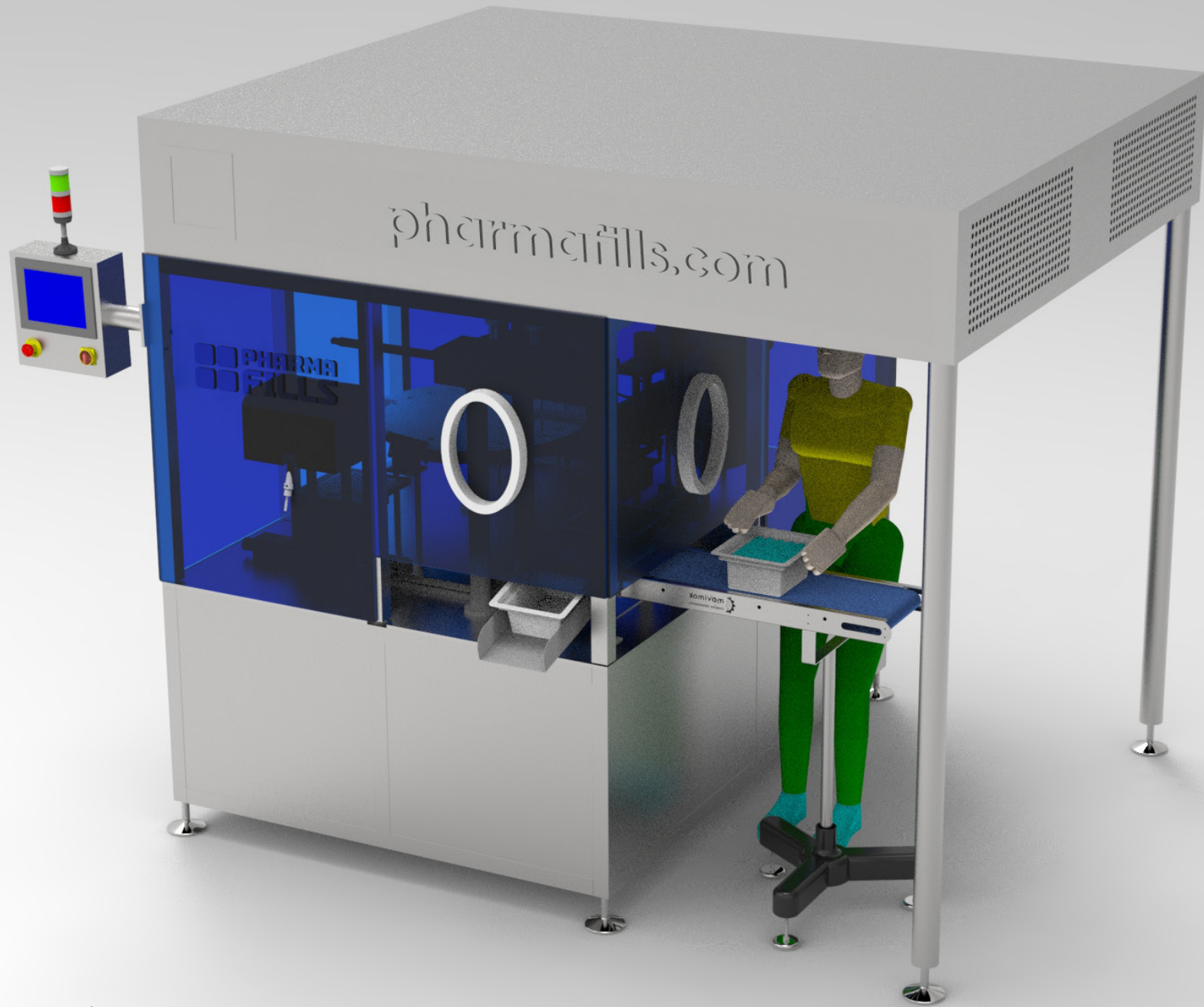
**Gelişmiş Teknoloji:** Pharma Fills olarak, ilaç ve tıbbi makinelerin tasarım ve imalatında en son küresel teknolojilere güveniyoruz. Müşterilerimize yenilikçi ve güvenli çözümler sunmayı hedefliyor, ürünlerimizin uluslararası endüstri standartlarına uygun olduğundan emin oluyoruz.

**Hizmetlerimiz:** Pharma Fills, ilaç ve tıbbi ambalaj makinelerinin kapsamlı bir yelpazesini geliştirme ve imal etme konusunda uzmanlaşmıştır. Gelişmiş ve güvenilir ekipmanlarla ilaç endüstrisinin ihtiyaçlarına tam bir çözüm sunuyoruz.

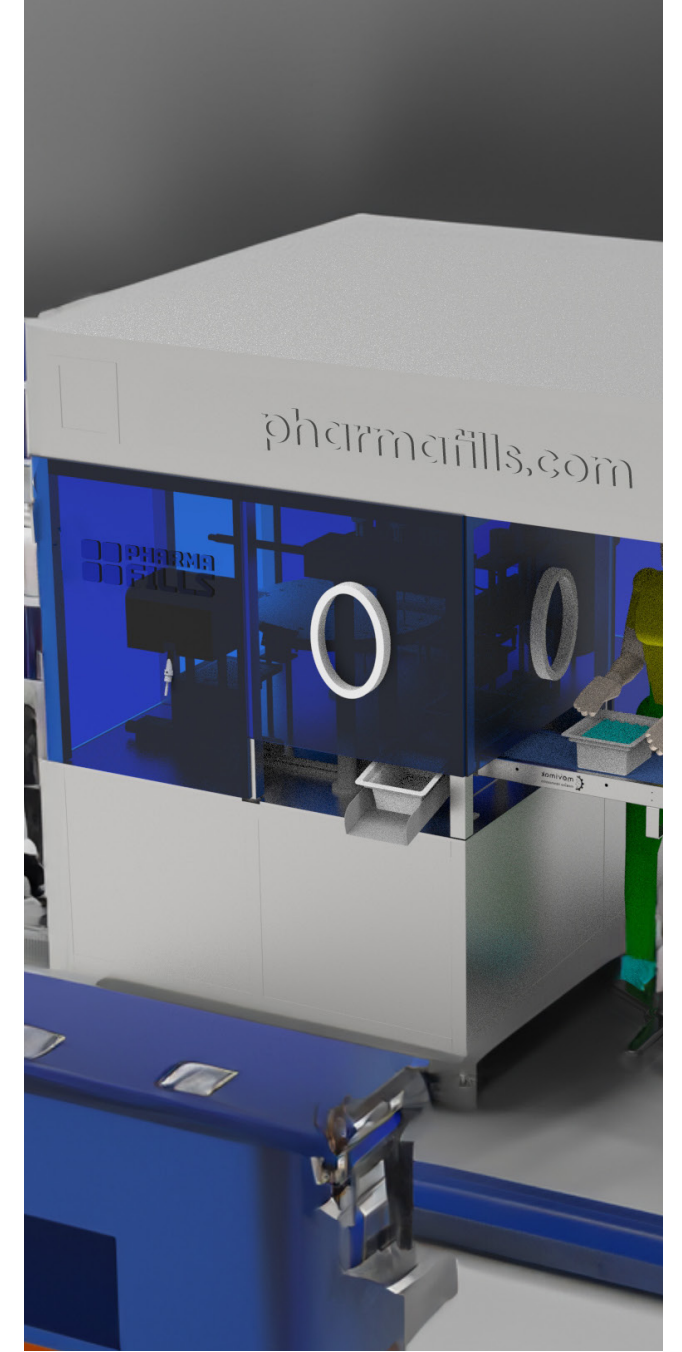
**Vizyonumuz:** Pharma Fills, ilaç makineleri sektöründe sürekli olarak ilerlemeyi ve gelişmeyi hedeflemektedir. Bu sektörde lider olmayı amaçlıyor ve sağlık sektörünün gelişimini desteklemek için dünyaya hizmet vermeyi taahhüt ediyoruz.

**Bizimle İletişime Geçin:** Pharma Fills olarak, müşterilerimize en yüksek düzeyde destek sunmaya kendimizi adanmış bulunmaktayız. Ürünlerimiz ve hizmetlerimiz hakkında daha fazla bilgi edinmek ve ilaç imalat sektöründe hedeflerinize nasıl ulaşabileceğinize dair bize ulaşın.

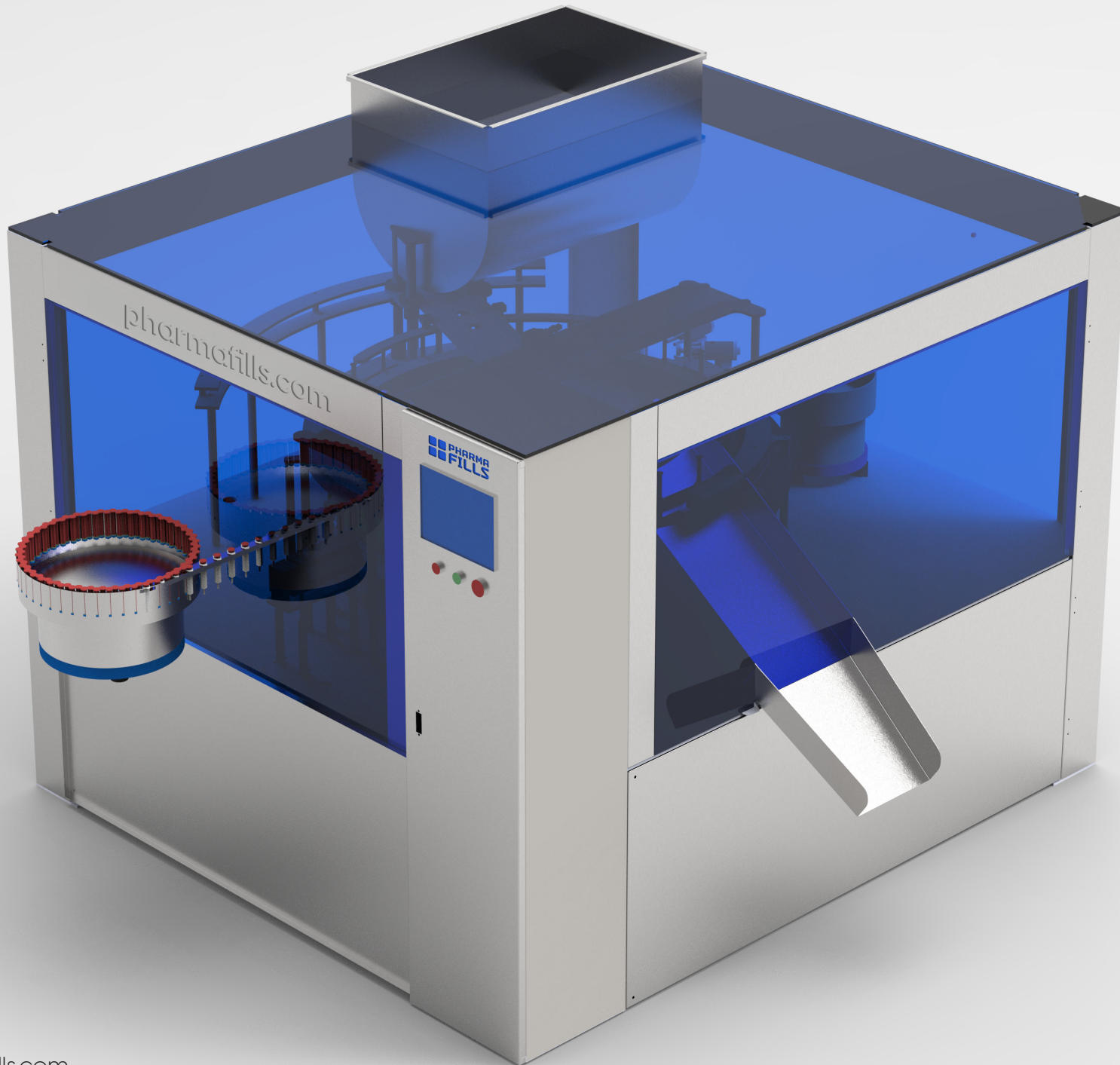
**Sahibi. CEO: MAHMUT GAZİOĞLU**



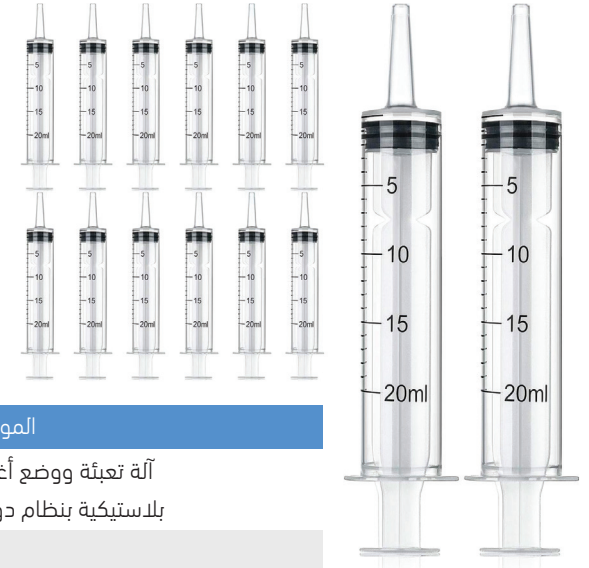
## Vial Filling Machine



| Technical Specifications | Technical Specifications | المواصفات الفنية | التفاصيل/Detaylar/التفاصيل              |
|--------------------------|--------------------------|------------------|---|
| Vial Filling Machine     | Ürün Adı                 | اسم المنتج       | Vial Filling Machine                    |
| Model                    | Model                    | الموديل          | PH-FILL-V2                              |
| Production Capacity      | Üretim Kapasitesi        | القدرة الإنتاجية | 60 vials/minute                         |
| Vial Type                | Vial Türü                | نوع الفيال       | Glass/Plastic                           |
| Vial Capacity            | Vial Kapasitesi          | سعة الفيال       | 10 ml/20 ml/50 ml                       |
| Control System           | Kontrol Sistemi          | نظام التحكم      | PLC                                     |
| User Interface           | Kullanıcı Arayüzü        | واجهة المستخدم   | Touchscreen                             |
| Power Source             | Güç Kaynağı              | مصدر الطاقة      | Electric (220 Volts)                    |
| Dimensions               | Boyutlar                 | الأبعاد          | 100 cm x 150 cm x 150 cm                |
| Weight                   | Ağırlık                  | الوزن            | 500 kilograms                           |
| Filling System           | Dolum Sistemi            | نظام التعبئة     | Precision Automatic Filling DOSING PUMP |
| Verification System      | Doğrulama Sistemi        | نظام التحقق      | Inclusion Detector/Barcode Scanner      |
| Packaging Material       | Ambalaj Malzemesi        | مادة التغليف     | Plastic Film/Paper                      |
| Additional Options       | Ek Seçenekler            | خيارات إضافية    | Automatic Cleaning System/Group Filling |
| Warranty                 | Garanti                  | الضمان           | 2 years                                 |



# Rotary High Speed Assembly Filling and Closing Machines for Syringes Vials & bottle



| Technical Specifications    | Specifications   | Teknik Özellikler   | المواصفات الفنية   |
|-----------------------------|--|---|--|
| Machine Name                | Automatic Rotary Plastic Syringe Filling and Capping Machine   | Otomatik Döner Plastik Şırınga Dolum ve Kapama Makinesi   | آلة تعبئة ووضع أغطية سرنجات بلاستيكية بنظام دوار بشكل آلي  |
| Filling System              | Rotary   | Döner   | نظام دوار  |
| Syringe Diameter            | 6mm and 11mm   | 6mm ve 11mm   | قطر السرنج: 6 ملم و 11 ملم   |
| Production Capacity         | Up to 6000 syringes per hour   | Saate kadar 6000 şırınga  | طاقة إنتاجية تبلغ 6000 سرنج في الساعة  |
| Capping System              | Automatic Silicone Cap Placement   | Otomatik Silikon Kapak Yerleştirme  | وضع أغطية سيليكونية بشكل آلي   |
| Material Construction       | Stainless Steel  | Paslanmaz Çelik   | الفولاذ المقاوم للصدأ  |
| Syringe Feeding System      | Automatic  | Otomatik  | تغذية السرنجات بشكل آلي  |
| Silicone Cap Feeding System | Automatic  | Otomatik  | تغذية أغطية السيليكون بشكل آلي   |
| Dimensions                  | 3000mm x 2000mm x 2500mm   | 3000mm x 2000mm x 2500mm  | 3000 مم × 2500 مم × 2000 مم  |
| Weight                      | 1500 kilograms   | 1500 kilogram   | وزنها 1500 كيلوجرام  |
| Power Requirements          | 380 volts, 3 phases, 50/60 Hz  | 380 volt, 3 faz, 50/60 Hz   | فولت ، 3 مراحل ، 60/50 هرتز 380  |
| Additional Features         | <ul style="list-style-type: none"> <li>- Touchscreen interface for easy operation</li> <li>- Automated syringe filling &amp; capping process</li> <li>- Adjustable filling volumes</li> <li>- Anti-drip nozzles to prevent spills &amp; wastage</li> <li>- Automatic stop when no syringes or caps are detected</li> </ul> | <ul style="list-style-type: none"> <li>- Dokunmatik ekranlı kullanım kolaylığı</li> <li>- Otomatik şırınga dolumu ve kapama işlemi</li> <li>- Ayarlanabilir dolum hacimleri</li> <li>- Dökülmeleri ve israfı önlemek için anti-damla nozulları</li> <li>- Şırınga veya kapak algılanmadığında otomatik durma</li> </ul> | <ul style="list-style-type: none"> <li>- واجهة شاشة تعمل باللمس لتسهيل العملية</li> <li>- عملية تعبئة ووضع أغطية السرنجات بشكل آلي</li> <li>- حجم التعبئة قابلة للتعديل</li> <li>- فوهات منخفضة الانسكاب</li> <li>- لمنع التسرب والهدر</li> <li>- التوقف التلقائي عند عدم كشف السرنجات أو الأغطية</li> </ul> |
| Warranty Period             | Two years  | iki yıl   | فترة الضمان: سنتان   |

## Pre Filled Gel Syringe Filling Capping Machine Under Vacuum



| Technical Specifications | Technical Specifications | المواصفات الفنية | Details/Detaylar/التفاصيل               |
|--------------------------|--------------------------|------------------|---|
| Vial Filling Machine     | Ürün Adı                 | اسم المنتج       | Vial Filling Machine                    |
| Model                    | Model                    | الموديل          | PH-FILL-V2                              |
| Production Capacity      | Üretim Kapasitesi        | القدرة الإنتاجية | 8 vials/minute                          |
| Vial Type                | Vial Türü                | نوع الفيال       | Glass/Plastic                           |
| Vial Capacity            | Vial Kapasitesi          | سعة الفيال       | 1 ml/10 ml/50 ml                        |
| Control System           | Kontrol Sistemi          | نظام التحكم      | PLC                                     |
| User Interface           | Kullanıcı Arayüzü        | واجهة المستخدم   | Touchscreen                             |
| Power Source             | Güç Kaynağı              | مصدر الطاقة      | Electric (220 Volts)                    |
| Dimensions               | Boyutlar                 | الأبعاد          | 60 cm x 80 cm x 150 cm                  |
| Weight                   | Ağırlık                  | الوزن            | 100 kilograms                           |
| Filling System           | Dolum Sistemi            | نظام التعبئة     | Precision Automatic Filling DOSING PUMP |
| Verification System      | Doğrulama Sistemi        | نظام التحقق      | Inclusion Detector/Barcode Scanner      |
| Warranty                 | Garanti                  | الضمان           | 2 years                                 |

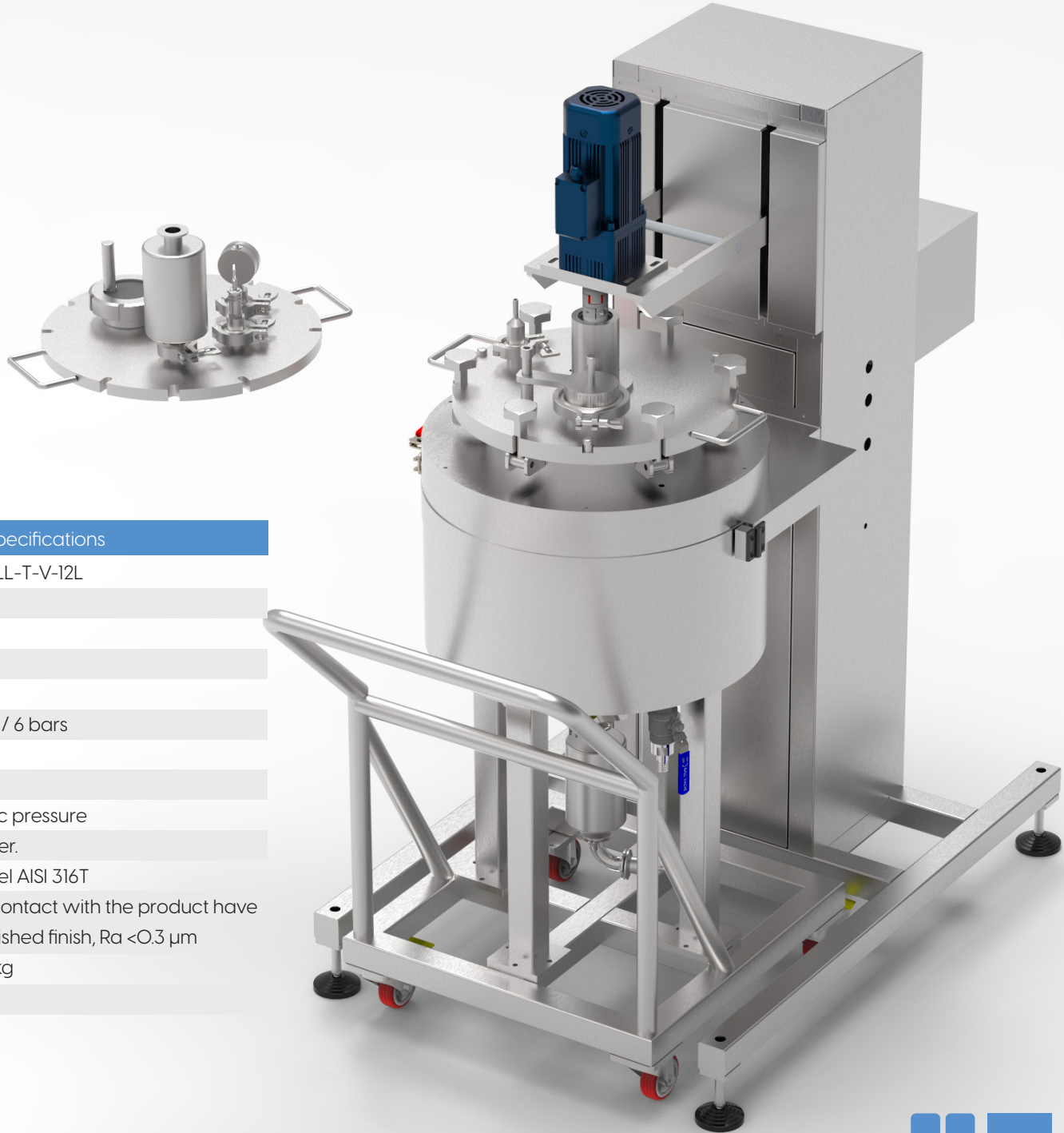


# Single-jacket Tank Vacuum Mixer Machine

| Model:  | Technical Specifications  |
|---|---|
| Function:   | Mixture of water-based pharmaceutical solutions and powders                     |
| Total volume  | 40 liters   |
| Working volume                                      | 5 to 35 liters  |
| Pressure temperature tank design (min/max)          | Fluid, Steam/ 6 bars  |
| Vacuum applied                                      | -0.9 bar  |
| Double jacket design pressure (min/max):            | 3 bars  |
| Double jacket working pressure                      | atmospheric pressure  |
| Type of fluid                                       | Steam/Water.  |
| materials in contact with the product are made of : | stainless steel AISI 316T   |
| Finishes  | All parts in contact with the product have a mirror polished finish, Ra <0.3 µm |
| Weight  | About 100kg   |
| Warranty  | Two years   |



# Vacuum Mixer machine

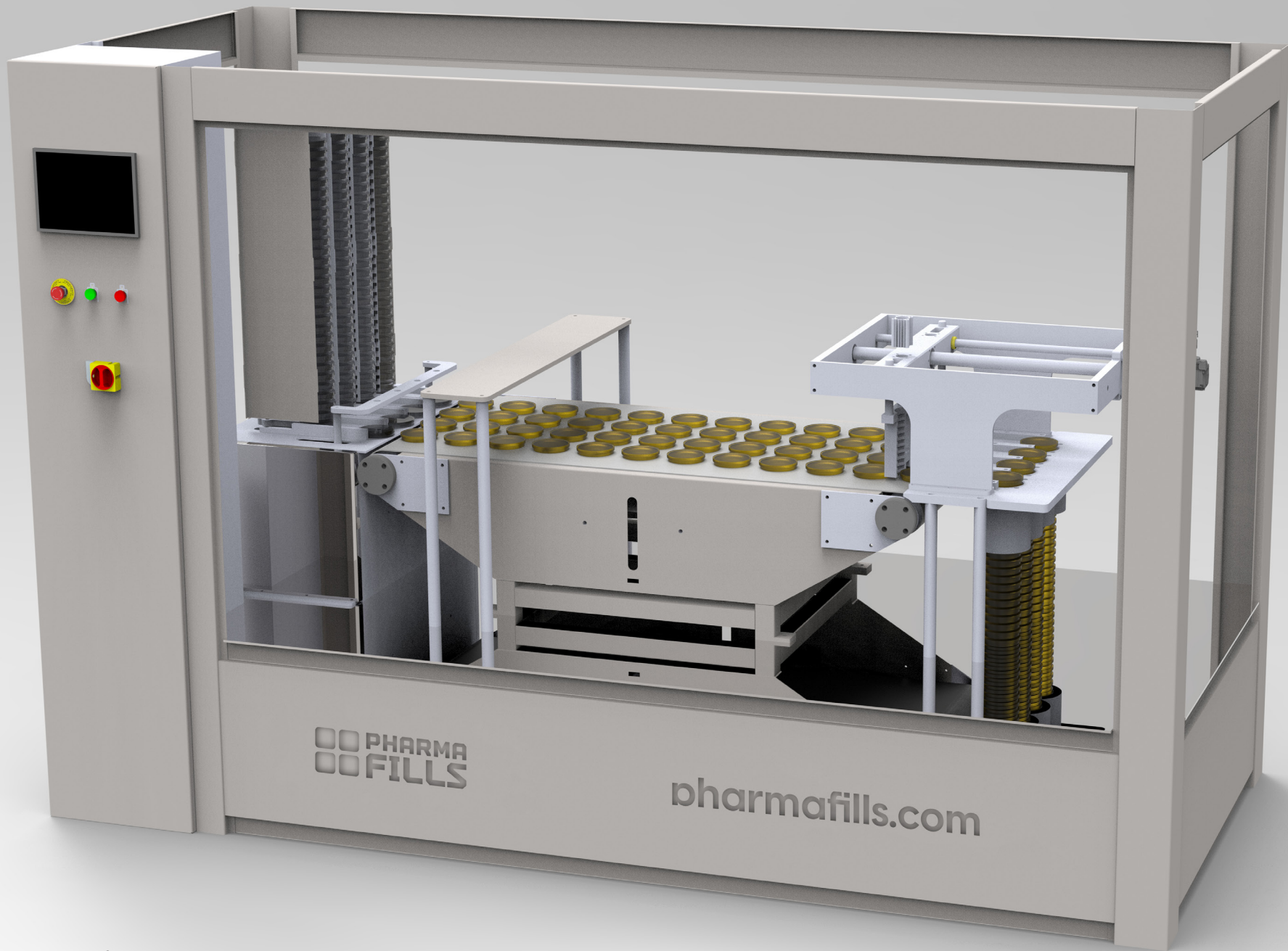


| Model:  | Technical Specifications  |
|---|---|
| model   | PHARMA-FILL-T-V-12L   |
| Total volume  | 12 liters   |
| Working volume                                      | 3 to 10 liters  |
| Tank operating temperature (min/max):               | 0/95°C  |
| Double jacket design temperature (min /max):        | 0/95°C  |
| Pressure temperature tank design (min/max)          | Fluid, Steam/ 6 bars  |
| Vacuum applied                                      | -0.9 bar  |
| Double jacket design pressure (min/max):            | 3 bars  |
| Double jacket working pressure                      | atmospheric pressure  |
| Type of fluid                                       | Steam/Water.  |
| materials in contact with the product are made of : | stainless steel AISI 316T   |
| Finishes  | All parts in contact with the product have a mirror polished finish, Ra <0.3 µm |
| Weight  | About 100kg   |
| Warranty  | Two years   |

## single-jacket tank Vacuum Mixer machine

| Model:  | Technical Specifications  |
|---|---|
| Model   | PHARMA-FILL-T-V-12L   |
| Total volume  | 12 liters   |
| Working volume                                      | 3 to 10 liters  |
| Pressure temperature tank design (min/max)          | Fluid, Steam/ 6 bars  |
| Vacuum applied                                      | -0.9 bar  |
| Double jacket design pressure (min/max):            | 3 bars  |
| Double jacket working pressure                      | atmospheric pressure  |
| Type of fluid                                       | Steam/Water.  |
| materials in contact with the product are made of : | stainless steel AISI 316T   |
| Finishes  | All parts in contact with the product have a mirror polished finish, Ra <0.3 µm |
| Weight  | About 100kg   |
| Warranty  | Two years   |

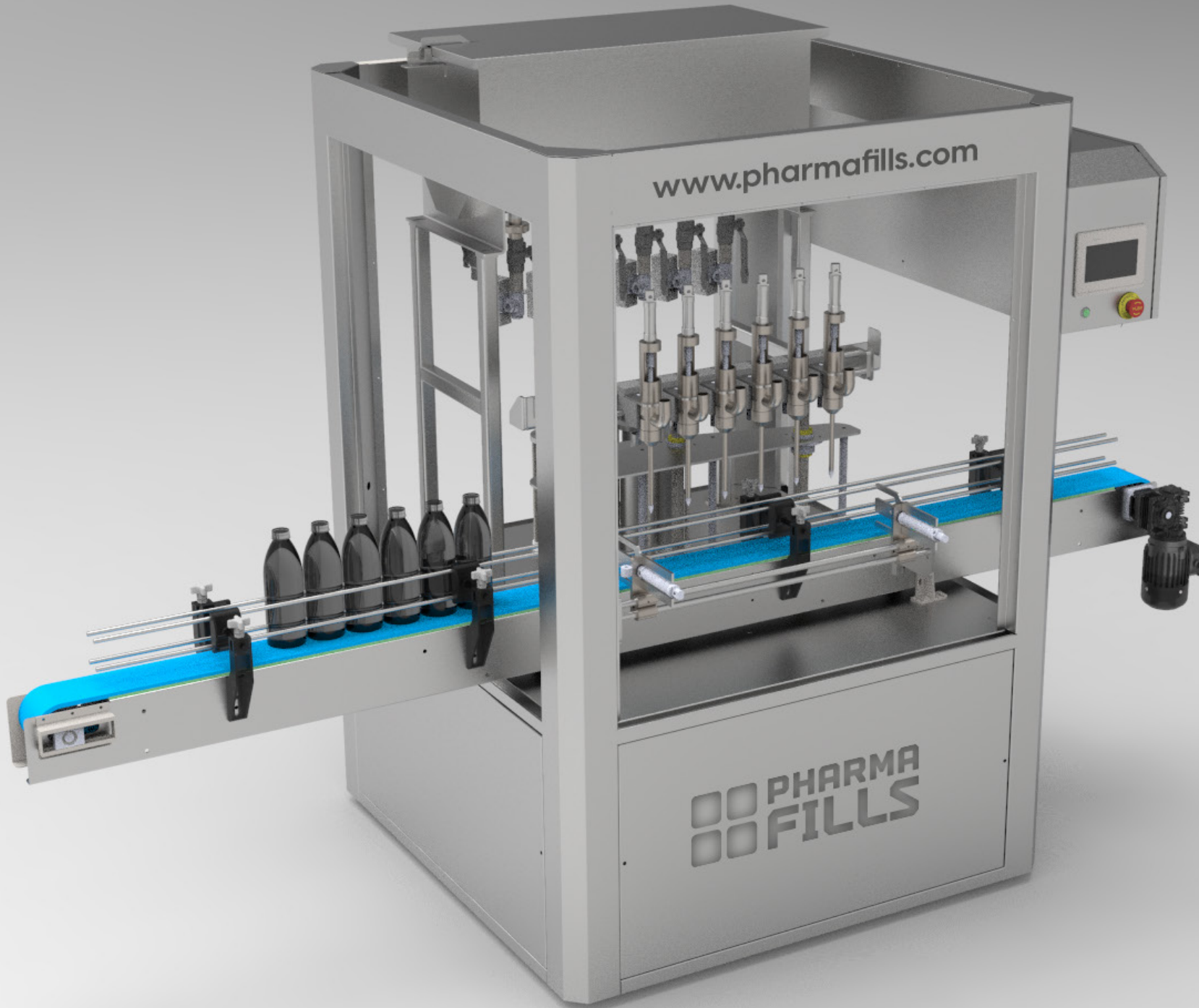




## Betri Dish Filling Machines



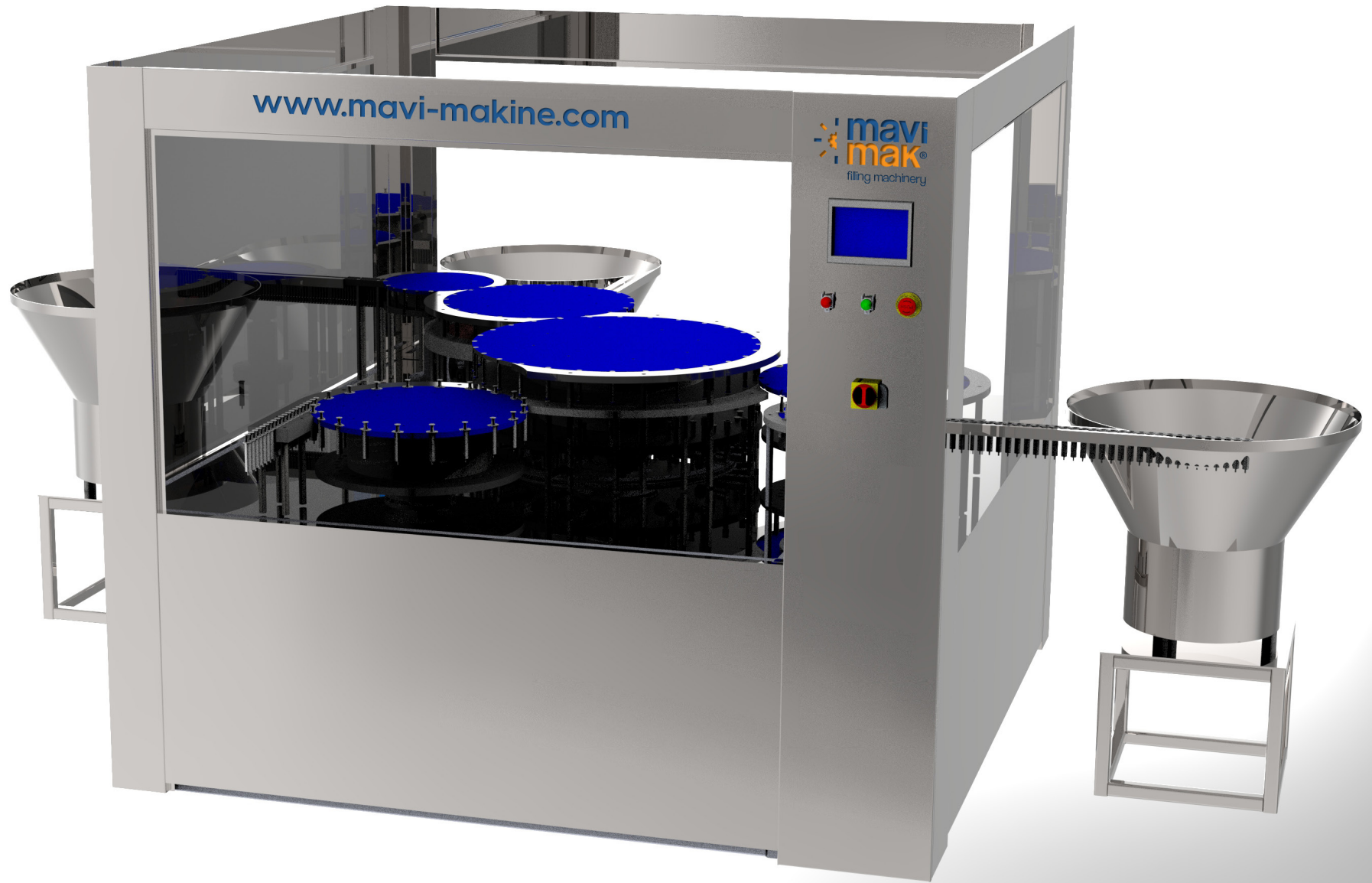
| Technical Specifications | Teknik Özellikler | المواصفات الفنية | التفاصيل/التفاصيل                              |
|--------------------------|-------------------|------------------|--|
| Product Name             | Ürün Adı          | اسم المنتج       | Betri Dish Filling Machine                     |
| Model                    | Model             | الموديل          | XYZ-123  |
| Production Capacity      | Üretim Kapasitesi | القدرة الإنتاجية | 50 dishes/minute                               |
| Dish Type                | Dish Türü         | نوع الديش        | Standard Betri Dish                            |
| Dish Size                | Dish Boyutu       | حجم الديش        | 90 mm diameter                                 |
| Control System           | Kontrol Sistemi   | نظام التحكم      | PLC  |
| User Interface           | Kullanıcı Arayüzü | واجهة المستخدم   | Touchscreen                                    |
| Power Source             | Güç Kaynağı       | مصدر الطاقة      | Electric (220 volts)                           |
| Dimensions               | Boyutlar          | الأبعاد          | 120 cm x 80 cm x 150 cm                        |
| Weight                   | Ağırlık           | الوزن            | 300 kilograms                                  |
| Filling System           | Dolum Sistemi     | نظام التعبئة     | High-precision automatic filling               |
| Verification System      | Doğrulama Sistemi | نظام التحقق      | Leak detection and counting                    |
| Packaging Material       | Ambalaj Malzemesi | مادة التغليف     | Plastic/Paper                                  |
| Additional Options       | Ek Seçenekler     | خيارات إضافية    | Automatic cleaning system/Network connectivity |
| Warranty                 | Garanti           | الضمان           | 2 years  |



## 6-Nozzle Servo Liquid Filling Machine

| Information                       | Technical Specifications   | Teknik Özellikler   | المواصفات الفنية                    |
|-----------------------------------|--|---|-------------------------------------|
| Machine Type                      | 6-Nozzle Servo Liquid Filling Machine  | 6 Nozullu Servo Sıvı Dolum Makinesi   | آلة تعبئة سوائل بـ 6 نول نظام سيرفو |
| Production Capacity               | 500 to 3000 units per hour   | Saatte 500 ile 3000 ünite arası   | من 500 إلى 3000 وحدة في الساعة      |
| Filling Volume Range              | 100 ml to 1000 ml  | 100 ml ile 1000 ml arası  | من 100 مل إلى 1000 مل               |
| Control System                    | Intelligent servo control system   | Akıllı servo kontrol sistemi  | نظام تحكم سيرفو ذكي                 |
| Number of Nozzles                 | 6 nozzles  | 6 nozul   | 6 نول                               |
| Liquid Type                       | Water, Juices, and Milk  | Su, meyve suları ve süt   | مياه وعصائر وحبليب                  |
| Packaging Type                    | Glass, Plastic, and Metal containers   | Cam, plastik ve metal ambalajlar  | زجاج، بلاستيك، معدن                 |
| Material                          | Body: Chrome 304, Product Contact Parts: Chrome 316  | Gövde: Krom 304, ürün temaslı parçalar: Krom 316  | مواد التصنيع                        |
| Power Source                      | 220/380 volts, 50 Hz   | 220/380 volt, 50 Hz   | مصدر الطاقة                         |
| Dimensions                        | 1500 mm x 1500 mm x 2000 mm  | 1500 mm x 1500 mm x 2000 mm   | الأبعاد                             |
| Weight                            | 500 kilograms  | 500 kilogram  | الوزن                               |
| Max Container Speed               | 1500 containers/min for Filling, 1500 containers/min for Capping, 2000 containers/min for Labeling | 1500 Behälter/Min. Dolum, 1500 Behälter/Min. Verschluss, 2000 Behälter/Min. Etikettierung | السرعة القصوى للحاويات              |
| Filling Control System            | Servo via touch-screen interface   | Servo ile dokunmatik ekranlı  | نظام التحكم في التعبئة              |
| Safety and Ease of Operation      | Safety requirements are met  | Güvenlik gereksinimleri sağlanır  | السلامة والتشغيل                    |
| Maintenance and Cleaning          | Easy maintenance and cleaning design   | Kolay bakım ve temizlik tasarımı  | الصيانة والتنظيف                    |
| Quality and Safety Certifications | Quality and safety certifications available  | Kalite ve güvenlik belgeleri sağlanır   | شهادات الجودة والمعايير الصناعية    |
| Warranty                          | 2 years warranty   | 2 yıl garanti   | الضمان سنتين                        |







## Syringe Assembly Machine



| Technical Specifications | Technical Specifications | المواصفات الفنية | التفاصيل/Detaylar / التفاصيل |
|--------------------------|--------------------------|------------------|------------------------------|
| Machine Type             | Makine Türü              | نوع الآلة        | Syringe Assembly Machine     |
| Production Capacity      | Kapasite                 | طاقة الإنتاج     | 10,000 per hour              |
| Syringe Type             | Şırınga Türü             | نوع السيرنج      | To be determined             |
| Feeding System           | Besleme Sistemi          | نظام التغذية     | Automatic                    |
| Pressure System          | Basınç Sistemi           | نظام الضغط       | Pneumatic                    |
| Control System           | Kontrol Sistemi          | نظام التحكم      | Automatic                    |
| Supported Languages      | Desteklenen Diller       | اللغات المدعومة  | [English, Turkish, Arabic]   |
| Inspection System        | İnceleme Sistemi         | نظام الفحص       | Automatic                    |
| Packaging System         | Ambalajlama Sistemi      | نظام التعبئة     | Automatic                    |
| Power Requirements       | Güç Gereksinimleri       | متطلبات الطاقة   | Three-phase electricity      |
| Warranty                 | Garanti                  | الضمان           | 2 year                       |



## Hyperbaric Oxygen

| Technical Specifications | Specifications                                      | Teknik Özellikler                                    | المواصفات الفنية  |
|--------------------------|---|--|---|
| Machine Type             | Hyperbaric Oxygen Machine                           | Hipobarik Oksijen Makinesi                           | جهاز الأوكسجين فوق البار  |
| Operation                | Automated system                                    | Otomatik sistem                                      | النظام التلقائي   |
| Pressure Range           | Adjustable pressure settings                        | Ayarlanabilir basınç ayarları                        | إعدادات الضغط قابلة للتعديل   |
| Capacity                 | Designed for a single patient                       | Tek bir hasta için tasarlandı                        | مصمم لمريض واحد   |
| Material Construction    | Stainless steel and medical-grade components        | Paslanmaz çelik ve tıbbi sınıf bileşenler            | فولاذ مقاوم للصدأ ومكونات طبية  |
| Control System           | PLC-based control system with touchscreen interface | Dokunmatik arayüze sahip PLC tabanlı kontrol sistemi | نظام التحكم القائم على المنطق المبرمج (PLC) مع واجهة شاشة تعمل باللمس |
| Oxygen Supply            | High-purity medical oxygen                          | Yüksek saflıkta tıbbi oksijen                        | أكسجين طبي عالي النقاء  |



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#### **نبذة عنا:**

نحن Pharma Fills، خبراء في تصنيع الآلات الصيدلانية والدوائية. مقرنا الرئيسي في اسطنبول - تركيا، ونتشرف بأن نكون روادًا في هذا المجال الحيوي. العلامة التجارية pharma fills هي إحدى العلامات التجارية المبتكرة من الشركة الام mavi mak makine

#### **إختصاصنا:**

تُعتبر Pharma Fills الخيار الأمثل للشركات التي تبحث عن الدقة والكفاءة في تصنيع وتعبئة المنتجات الصيدلانية والدوائية. يمتلك فريقنا من الخبراء خبرة واسعة في هذه الصناعة، ونحن ملتزمون بتلبية متطلبات عملائنا بأعلى معايير الجودة.

#### **تقنية متطورة:**

نعتمد في Pharma Fills على أحدث التقنيات العالمية لتصميم وتصنيع الآلات الصيدلانية والدوائية. نسعى لتوفير حلول مبتكرة وآمنة لعملائنا، وضمان تطابق منتجاتنا مع المعايير الصناعية العالمية.

#### **خدماتنا:**

تتخصص Pharma Fills في تطوير وتصنيع مجموعة شاملة من آلات التعبئة والتغليف الصيدلانية والدوائية. نقدم حلاً كاملاً لاحتياجات الصناعات الدوائية من خلال معدات متقدمة وموثوقة.

#### **رؤيتنا:**

نسعى في Pharma Fills دائماً للتقدم والتطور في مجال تصنيع الآلات الصيدلانية والدوائية. نهدف إلى أن نصبح روادًا في هذه الصناعة، ونسعى جاهدين لتقديم خدماتنا للعالم لدعم تطوير القطاع الصحي.

#### **تواصل معنا:**

نحن في Pharma Fills ملتزمون بتقديم أعلى مستويات الدعم لعملائنا. اتصل بنا لمعرفة المزيد عن منتجاتنا وخدماتنا وكيف يمكننا مساعدتك في تحقيق أهدافك في مجال التصنيع الصيدلاني.

**صاحب الشركة: محمود غازي**



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