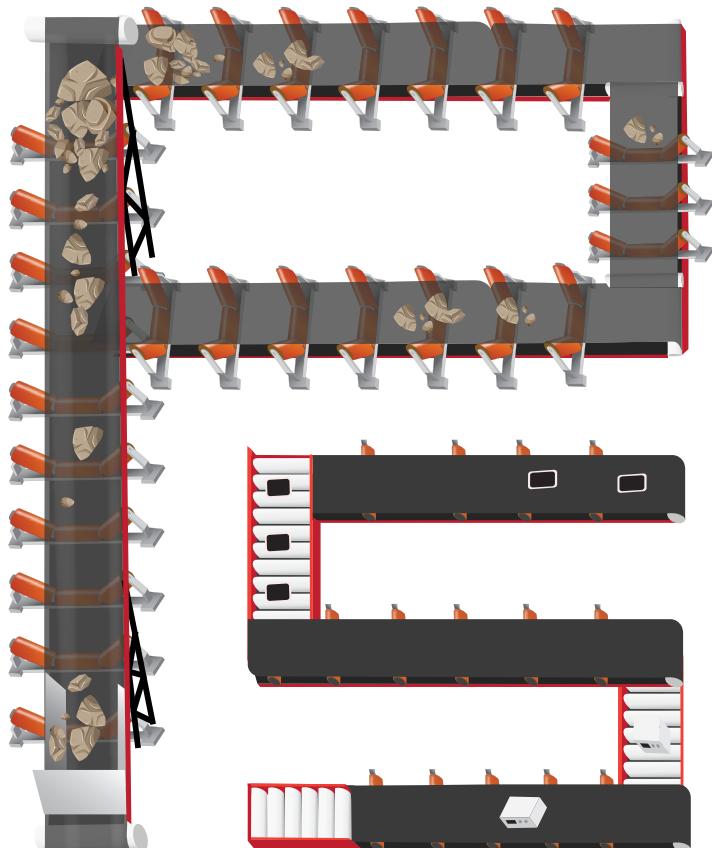




# PRES-SAN

Güvenli Konveyör Çözümleri  
*Reliable Conveyor Solution  
for all industries*

Konveyör Ruloları,  
Tamburları ve  
İstasyonları  
*Conveyor Rollers,  
Pulleys and  
Transoms*



"1985'ten beri / Since 1985"



"Tecrübeyle ilerle, güvenle taşı."  
*"Move on with experience, carry with confidence."*

## Dünden Bugüne

### *From past to today*



1985



Ostim Sanayi Bölgesi 200 m<sup>2</sup>  
Ostim Industrial Zone 200 m<sup>2</sup>



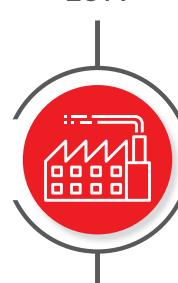
2003



Ivedik Organize Sanayi Bölgesi 2025 m<sup>2</sup>  
Ivedik Organized Industrial Zone 2025 m<sup>2</sup>



2014



Sincan Organize Sanayi Bölgesi  
7500 m<sup>2</sup> kapalı 1500 m<sup>2</sup> açık  
Sincan Organized Industrial Zone  
7500 m<sup>2</sup> closed 1500 m<sup>2</sup> open



## Hakkımızda *About Us*



Kuruluş 1985

*Establishment 1985*



7500 m<sup>2</sup> Kapalı Alan, 1500 m<sup>2</sup> Açık Alan

*7500 m<sup>2</sup> closed area 1500 m<sup>2</sup> open area*



2.000.000 adet Üretim Kapasitesi

*2000.000 item production capacity*



Müşteri Odaklı Esnek Üretim

*Flexible production with customer focus*



Sürdürülebilir Çözüm

*Sustainable solution*



Kalite, bir ahlak felsefesidir.

*Quality is a philosophy of morality.*

Armand V. Feigenbaum



Yığın taşıma endüstrisinde ve otomasyon sistemlerinde kullanılan; kullanabilirliği, dayanıklılığı ve kalitesi yüksek konveyör ruloları, istasyonları ve tamburları üretmek için var olan bir şirketiz.

*We are a manufacturing company that makes conveyor rollers, transoms and pulleys with high availability, durability and quality used in the mass transport industry and automation systems.*

# Misyonumuz

## Our Mission

Pres-San, madencilikten çimento üretimine, geri dönüşümden intralojistiğe kadar geniş bir sektör yelpazesesi için yüksek kaliteli konveyör ruloları, istasyonları ve tamburları üretmektedir. Orta Doğu, Afrika, Asya ve Avrupa'daki güçlü varlığımızla, endüstrinin ihtiyaçlarına uygun otomasyonel üretim teknikleriyle donatılmış yenilikçi taşıma çözümleri sunuyoruz. Verimliliği artıran ve operasyonel maliyetleri düşüren sistemlerimizle, küresel pazarda rekabet avantajı sağlıyoruz.

*Pres-San manufactures high-quality conveyor rollers, stations, and drums for a wide range of industries, from mining and cement production to recycling and intralogistics. With a strong presence in the Middle East, Africa, Asia, and Europe, we provide innovative conveying solutions tailored to industrial needs, leveraging automation-driven manufacturing techniques. Our systems enhance efficiency, reduce operational costs, and create a competitive advantage in the global market.*



**Güvenilir**  
*Trustworthy*

Tüm süreçlerde, müşterinin ihtiyaç ve bekleyişlerini tam olarak karşılayan güvenilir ve aranan bir firmayız.

We are a reliable and sought-after company that fully meets the needs and expectations of the customer in all processes.



**Teknolojik**  
*Technological*

Maliyetleri düşürmek ve karlılığı artırmak için teknolojik gelişmeleri yakından takip edip, uyguluyoruz..

Reduce costs and We closely follow and apply technological developments in order to increase profitability.



**Kaliteli**  
*Quality*

Çalışanların, yeteneklerini en üst seviyede kullanabilmeleri için ekip çalışmasına önem vererek kalite düzeyini yükseltiyoruz.

We increase the quality level by giving importance to teamwork so that our employees can use their talents at the highest level.



**Küresel**  
*Global*

Küresel ölçekte rekabet gücümüzü artırarak, teknik, idari ve finansal bilgi birliğimizi yurt dışına taşıyor ve ülkemizi en iyi şekilde temsil ediyoruz. Güçlü iş birlikleri ve sürdürülebilir çözümlerle uluslararası arenada kalıcı bir iz bırakmayı hedefliyoruz.

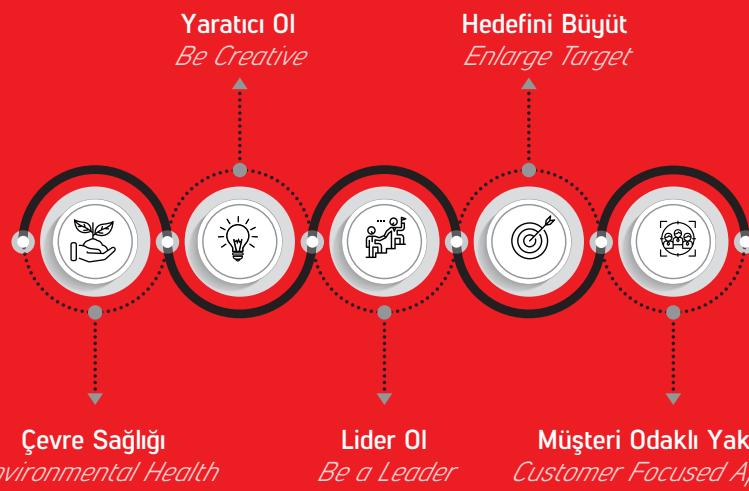
By enhancing our global competitiveness, we are expanding our technical, administrative, and financial expertise to international markets, proudly representing our country. Through strong partnerships and sustainable solutions, we aim to leave a lasting mark on the global stage.



## Vizyonumuz Vision

Kaliteli üretim, yenilikçi teknolojiler ve müşteri memnuniyetini esas alan hizmet anlayışımız ile dünya çapında güvenilir bir marka olmayı hedefliyoruz. Türkiye'de konveyör sistemleri sektöründe en yüksek müşteri değerine sahip şirket olarak, uluslararası pazarda sektörümüzün öncüsü olmayı amaçlıyoruz.

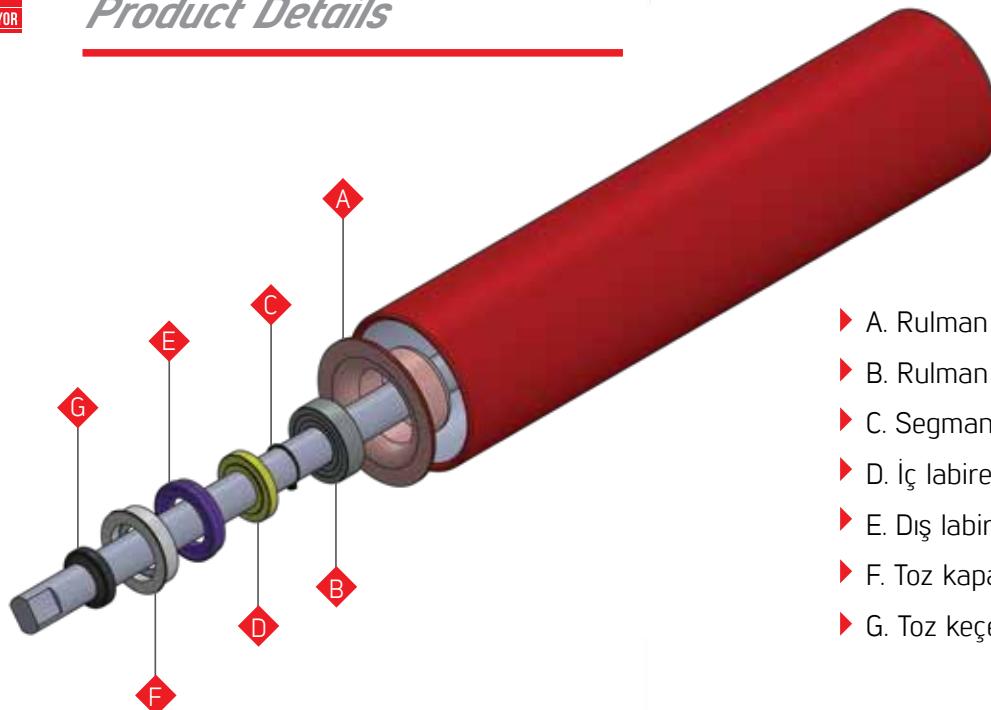
*With high-quality production, innovative technologies, and a service approach focused on customer satisfaction, we aim to become a globally trusted brand. As the company with the highest customer value in the conveyor systems sector in Turkey, we strive to be a pioneer in our industry in the international market.*



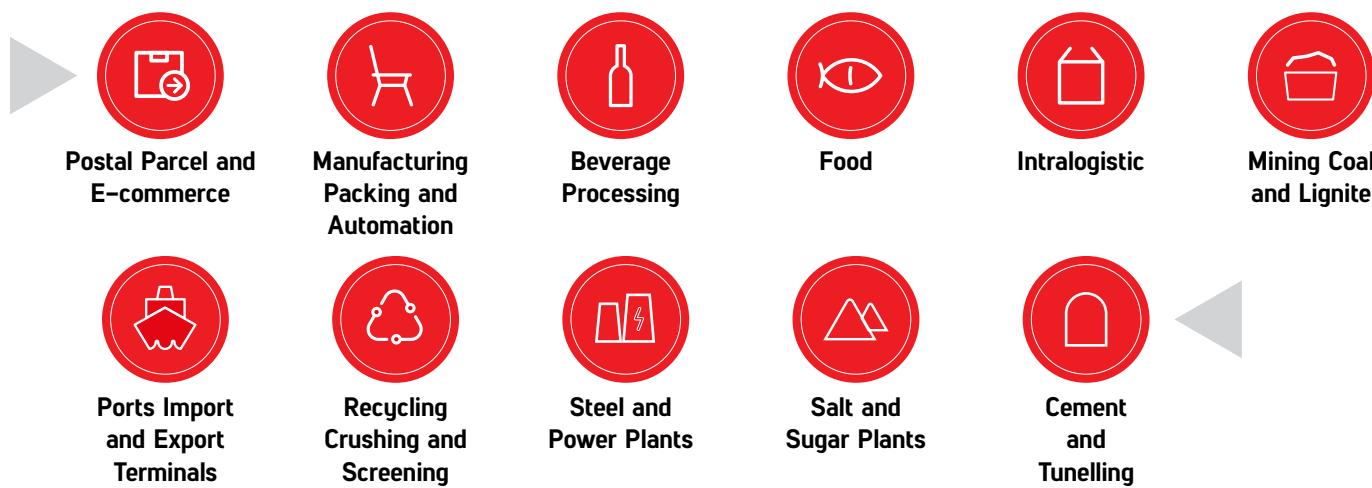


# Ürün Detaylı

## Product Details



- A. Rulman yatağı
- B. Rulman
- C. Segman
- D. İç labirent
- E. Dış labirent
- F. Toz kapağı
- G. Toz keçesi
- A. Bearing housing
- B. Bearing
- C. Circlip
- D. Inner labyrinth
- E. Outer labyrinth
- F. Dust cover
- G. Dust felt



# Pres-san Ürünlerinin Başlıca Özellikleri

## Main Features of Our Products

Bakım Gerektirmeyen  
Tasarım



Maintenance-Free Design  
Belt-Friendly

Rulman Yatağı Uyumu ve Mil Ucu Hassasiyeti  
İçin Hassas İşleme



Precision Machining for Bearing Fit and  
Shaft Accuracy

Toz ve Suyun Geçişini %100 Engelleyen  
Sızdırmaz Labirent



100% Sealed Labyrinth to Prevent Dust and  
Water Ingress

Mil Ucu Anahtar Ağızı ve Boru Başlarının Aynı  
Anda İşlenmesi ile Paralellik ve Hassasiyet



Simultaneous Machining for Shaft Flats and Tube  
Ends for Perfect Parallelism and Accuracy

Banda Zarar Vermeyen  
Çift Taraflı Radüslü Rulo



Belt-Friendly Roller with Double-Sided  
Radius Ends

Rulo Kapaklarında Sac Kalınlığı İnceltilmeden  
Derin Çekme Yapılması



Deep-Drawn Roller Caps Without Reducing  
Steel Thickness

Boru Salgı Toleransının DIN 22112  
Standartlarına Uygunluğu



Tube Runout Tolerance in Compliance with  
DIN 22112 Standards

## Taşıyıcı Rulo *Carrier Roller*



**Taşıyıcı Rulo:** Yüksek ve orta hızdaki yük konveyörleri için dizayn edilmiştir.

*Carrier Roller:* Designed for high and medium speed conveyors.



## Avare Rulo *Idler Rolls*



Konveyör sistemleri üzerinde hareket ettirilen yükün ağırlığını taşımak için tasarlanmış tahriksiz mekanizmalardır.

*Idle rolls are non-driven mechanisms designed to carry the weight of the load moved on Conveyor systems.*



## Garland *Garland*



Garland tipi rulolar çoğunlukla yüksek hızlı geniş bantlara sahip maden alanlarında ve yer altı konveyörlerinde kullanılmaktadır. Garland tipi rulo setlerinde rulolar peşpeşe olarak ikiden beşe kadar adetlerle birbirlerine zincir gibi esnek bir bağ ile bağlıdır.

*Garland:* The type rollers are mostly used in mining areas and underground conveyors with high-speed wide belts. In garland type roll sets, two to five rolls are connected to each other with a flexible bond like a chain.



## Kilitli Rulo

### *One Way Roller*



**Kilitli Rulo:** Eğimli konveyörlerde duruş esnasına tambura binen yükü hafifletmek ve bandın geri kaçmasına engel olmak için bant yönünün tersine dönmeyen, sadece bant yönünde dönen Firmamıza ait özel mekanizmalı rulolardır.

**One Way Roller:** They are rollers with special mechanism belonging to our company that rotate only in the direction of the belt in order to alleviate the load on the drum during downtime in inclined conveyors and to prevent the belt from running back.



## Darbe Rulosu

### *Impact Roller*



**Darbe Rulosu:** Banda düşen malzemelerin oluşturduğu basınca karşı gelen ve absorbe eden, üzerinde disklerin bulunduğu, temeli çelik rulo dizaynından oluşan şok emici rulolardır.

**Impact Roller:** This roller absorbs the pressure and shock created by falling materials. It is formed from a steel roller with discs on it.



## Helis Diskli Rulo

### *Helix Disc Roller*



**Helis Diskli Rulo:** Konveyör bant temizleme rulolarıdır. Rulonun ortasından kenarına doğru dönüş yaparak bandın yüzeyine yapışmış malzemeleri temizler.

**Helix Disc Roller:** The roller is a conveyor belt cleaning roller. It cleans the materials adhering to the surface of the band by rotating from the center of the roll to the edge.



## Kauçuk Kaplamalı (Vulkanize) Rulo

### Rubber Coated (Vulcanized) Roller



**Kauçuk Kaplamalı (Vulkanize) Rulo:** Büyük parça malzeme taşıyan ağır yüklü bandlı konveyörlerde banda düşen malzemelerin oluşturduğu basınca karşı gelen ve absorbe eden, üzerinde disklerin bulunduğu, temeli çelik rulo dizaynından oluşan şok emici rulolarıdır.



**Rubber Coated (Vulcanized) Roller:** This roller absorbs the pressure and shock created by falling materials in large material conveyor systems with heavy-duty conveyor belts. It is formed from a steel roller with hot vulcanized coating on roller.

## Dönüş Rulosu

### Return Roller



**Dönüş Ruloları:** Dönüş hattı boyunca bandın akışını sağlamak ve desteklemek için kullanılırlar. Taşınan malzemenin banda yapışmaya meyilli veya aşınma problem olması durumunda lastik diskli olarak imal edilebilirler.



**Return Roller:** This roller is used to provide and support the flow of the belt along the return line. If the material to be transported has a tendency to stick or if there are abrasion problems, the roller can be manufactured with rubber discs.

## Kılavuz Rulosu

### Guide Roller



**Kılavuz Ruloları:** Bandın kaymasını engelleyen ve merkezleyen konsol destekli milli dikey rulolar.



**Guide Roller:** Cantilever-supported vertical rollers that prevent and center the belt's slip.

## Zincir Dişli Rulo

*Chain Gear Roller*



**Zincir Dişli Rulo:** Dişliler sayesinde motordan aldığı hareketin diğer rulolara aktaran rulo çeşididir.

*Chain Gear Roller:* This kind of roller transfers movement from the motor to the other rollers via gears.



## Konik Rulo

*Conical Roller*



**Konik Rulo:** Genel olarak ağır yükler için tercih edilir ve konveyör hattına dönüş vermek için kullanılır.

*Conical Roller:* Generally, this roller is preferred for heavy loads and is used to allow the conveyor line to return.



## Gergi Tamburu

*Tension Pulley*



**Gergi Tamburu:** Ağırlıklı gergi tamburları konveyör bandı için ihtiyaç duyulan gergi miktarının konveyör bandının her yerinde eşit olarak etkin olmasını sağlar.

*Tension Pulley:* Ensures that the amount of tension is equally effective throughout the conveyor belt.



## Tahrik Tamburu

*Drive Pulley*



**Tahrik Tamburu:** Konveyörlerde bant kayışına hareket verir ve bandın başına takılır.

*Drive Pulley:* Gives movement to the belt strap and is placed at its head.



## Endüstriyel Rulolar

*Industrial Roller*





OTOMATİK PAKETLEME SİSTEMİ  
AUTOMATED PACKING SYSTEM



KOLİN TERMİK SANTRAL  
KOLIN THERMAL POWER PLANT

## Taşıyıcı Rulo İstasyonu *Carrying Roller Stations*

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Taşıyıcı rulo istasyonları / Darbe rulosu istasyonları, konveyör bant sistemlerinde malzeme taşımayı destekleyen kritik bileşenlerdir. Bu istasyonlar, ruloların uygun konumda tutulmasını sağlayarak bant hareketini dengeler ve sistemin verimli çalışmasına katkıda bulunur. Farklı taşıma gereksinimlerine uyum sağlamak için çeşitli tasarım ve konfigürasyonlarda üretilmektedir.

## Kızaklı İstasyon *Sliding Station*

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**Kızaklı İstasyon:** Montaj ve bakımın zor olduğu bölgelerde kullanılmak üzere, sabit bir gövde üzerinde ruloların bulunduğu kızaklı yapı, bakımı ve montajı kolaylaştırmaktadır. Bant üzerinde yük bulunması durumunda, ek olarak kriko sistemleriyle bandın yükünü alıp kızaklama hareketini daha da kolaylaştırmaktedir. Kızaklı istasyonlar her konveyör için özel ölçülerde imal edilebilir.



## Darbe Rulosu İstasyonu *Impact Roller Stations*

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Conveyor roller stations / Impact roller stations are critical components in conveyor belt systems, supporting material transportation. These stations ensure proper roller alignment, balance belt movement, and contribute to the system's overall efficiency. They are manufactured in various designs and configurations to meet different conveying needs.



**Sliding Station:** To be used in areas where assembly and maintenance is difficult, the sliding structure with rollers on a fixed body facilitates maintenance and assembly. If there is a load on the belt, we can additionally take the load of the belt and facilitate the aquaplaning movement with the jack systems. Skid stations can be manufactured in special sizes for each conveyor.

## Darbe Barı *Impact Bar*



Darbe barı malzeme yükleme noktalarında bant ve şasenin zarar görmesini, döküntünün dağılmmasını engellemek ve düşen malzemeye karşı darbe dayanımı sağlamak için kullanılır.

*Impact bars are used at material loading points to prevent damage to the belt and chassis, to prevent the scattering of material, and to provide impact resistance against falling materials.*



## Bant Sıyırıcıları *Belt Cleaners*



Primer, seconder, V tip ve Y tip sıyırıcı tedarigi mevcuttur.

*Primary, secondary, V type and Y type scrapers are available.*



## Bant Lastiği *Conveyor Belt*



Konveyör kullanılan tüm sektörler için her çeşit bant lastiği tedarigi mevcuttur.

*All types of conveyor belt are available for all sectors where conveyors are used.*



## Geri Dönüş Rulosu Tutucuları ve İstasyonları *Return Roller Stations and Brackets*



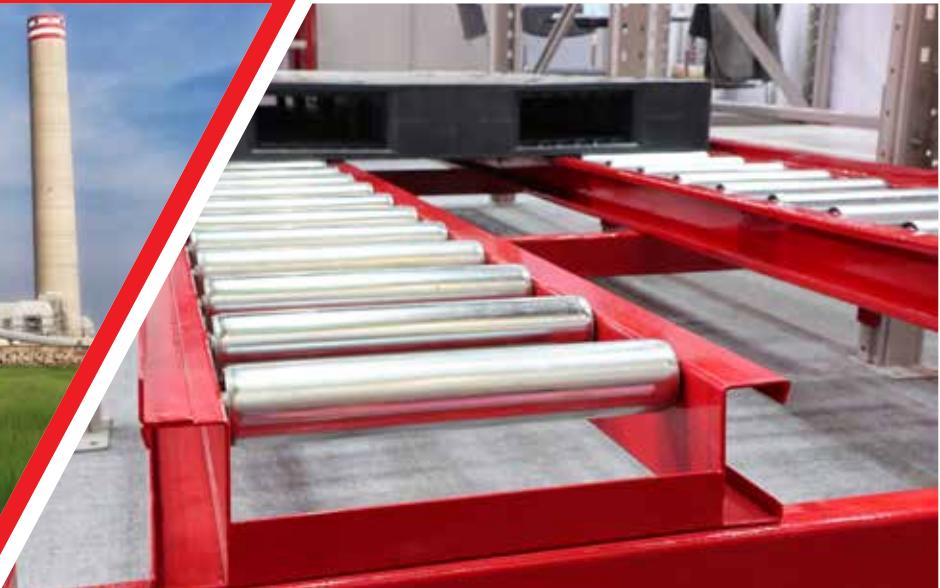
## Alt ve Üst Ayar Rulosu İstasyonları *Lower and Upper Self Centralising Roller Stations*



**Kendinden Hizalamalı Rulo İstasyonları:** Kendinden hizalamalı rulo istasyonları, konveyör sistemlerinde kullanılan ve konveyör bantlarını destekleyip yönlendiren bileşenlerdir. Bu istasyonlar, bantın çalışma sırasında doğru hizalanmasını sağlamak için tasarlanmıştır. Bu sayede aşınma ve yıpranma azalır ve konveyör sisteminin genel verimliliği artar.

*Self Aligning Idlers Stations:* Self-aligning idler transoms are components used in conveyor systems to support and guide conveyor belts. These transoms are designed to maintain proper alignment of the belt during operation, which helps reduce wear and tear and improves the overall efficiency of the conveyor system.





**CAM FABRİKASI**  
GLASS INDUSTRY

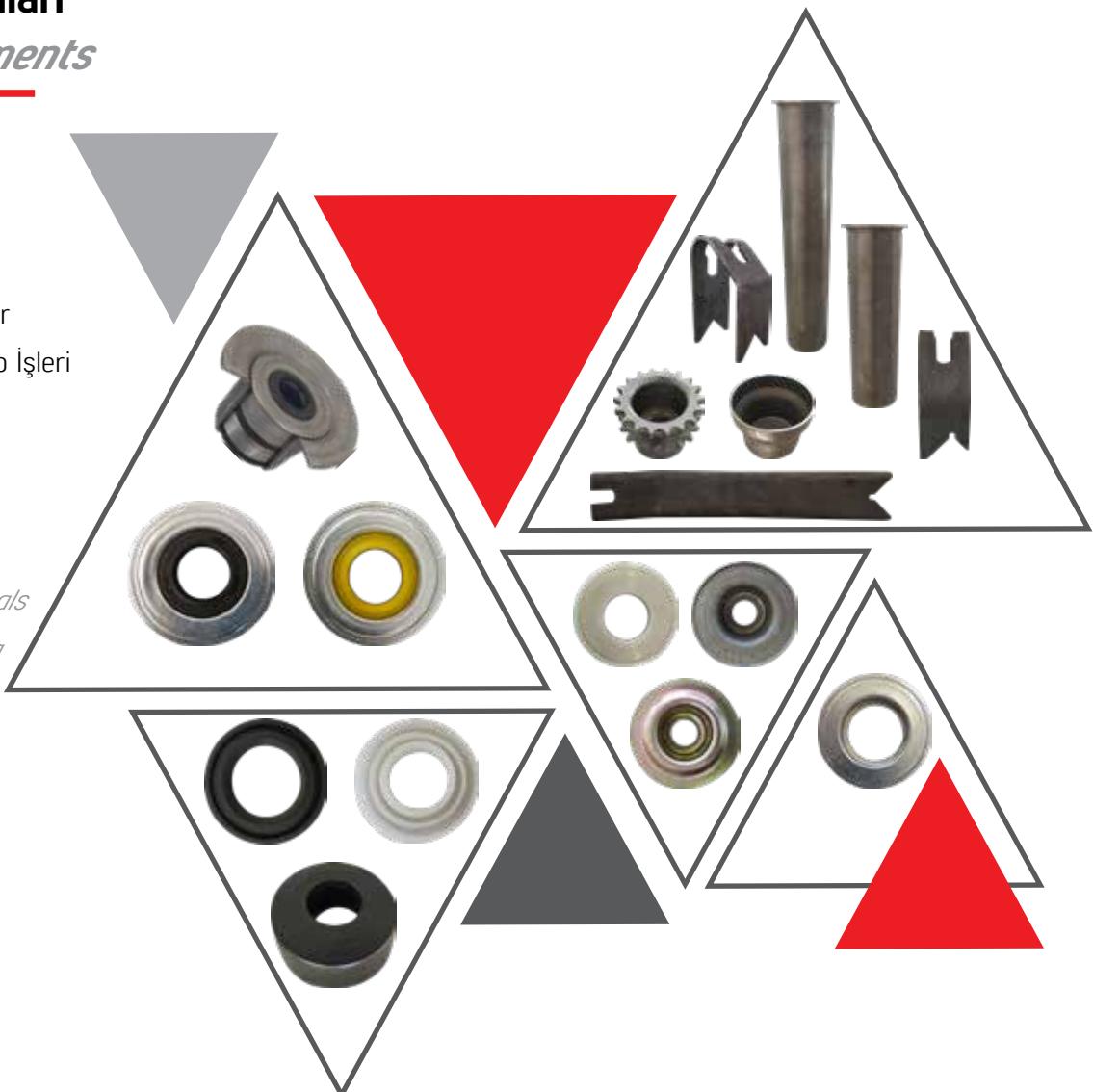
**PAKETLEME HATTI**  
PACKING LINE

## Rulo ve İstasyon Ekipmanları

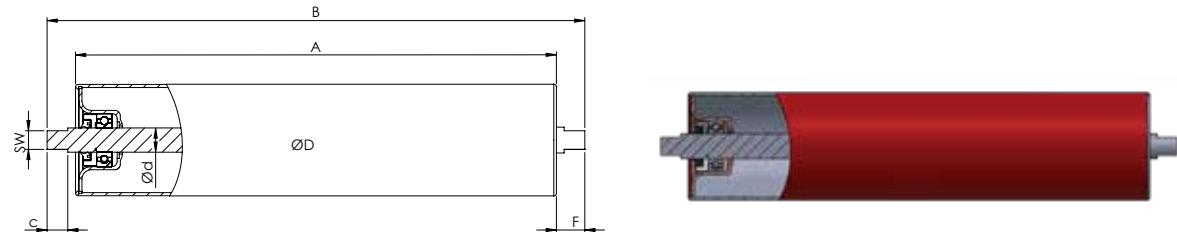
### *Roller and Station Equipments*

- ▶ A. Rulman Yatakları
- ▶ B. Rulo Askı Ayakları
- ▶ C. Darbe ve Dönüş Diskleri
- ▶ D. Polyamid Rulman Yatakları ve Keçeler
- ▶ E. Özel Pres Baskı, Derin Çekme ve Kalıp İşleri

- ▶ A. Bearing Housings
- ▶ B. Roll Hanger Feet
- ▶ C. Impact and Return Discs
- ▶ D. Polyamide Bearing Housings and Seals
- ▶ E. Deep Drawing, Special Press Printing and Mold Works



## Taşıyıcı Rulo Carrier Roller



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

**ØD: Ø60-Ø63**

BELT	Ød	Rulman / Bearing	SW	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
300	20	6204	14	380				200	13	226	9	160	13	186	9
400	20	6204	14	500	17	534	13	250	13	226	9	160	13	186	9
	20	6204	14	500				250	13	226	9	160	13	186	9
500	20	6204	14	600	17	634	13	315	13	341	9	160	13	186	9
	20	6204	14	600				315	13	341	9	160	13	186	9
650	25	6205	18	600	17	634	13	315	16	347	12	160	16	192	12
	20	6204	14	750				380	13	406	9	160	13	186	9
	20	6204	14	750				380	13	406	9	160	13	186	9
25	6205	18	750		17	784	13	380	16	412	12	160	16	192	12

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

**ØD: Ø76-Ø89**

BELT	Ød	Rulman / Bearing	SW	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
300	20	6204	14	380				200	13	226	9	160	13	186	9
400	20	6204	14	500	17	534	13	250	13	226	9	160	13	186	9
	25	6205	18	500				250	13	226	9	160	13	186	9
500	20	6204	14	600	17	634	13	315	13	341	9	200	13	226	9
	20	6204	18	600				315	13	341	9	200	13	226	9
650	25	6205	14	600	17	634	13	315	16	342	12	200	16	232	12
	20	6204	14	750				380	13	406	9	250	13	276	9
650	20	6204	14	750	17	784	13	380	13	406	9	250	13	276	9
	25	6205	18	750				380	16	412	12	250	16	282	12
800	20	6204	14	950				984				315	13	341	9
	20	6204	14	950				984				315	13	341	9
	25	6205	18	950				984				315	16	347	12
1000	20	6204	14	1150				1184				380	13	406	9
	20	6204	14	1150				1184				380	13	406	9
	25	6205	18	1150				1184				380	16	412	12
	25	6305	18	1150				1184				380	16	412	12
	30	6306	22	1150				1184				380	16	412	12
1200	20	6204	14	1400				1434				465	13	491	9
	20	6204	14	1400				1434				465	13	491	9
	25	6205	18	1400				1434				465	16	497	12
	25	6305	18	1400				1434				465	16	497	12
	30	6306	22	1400				1434				465	16	497	12
1400	20	6204	14	1600				1634				530	13	576	9
	25	6205	18	1600				1634				530	16	562	12
	25	6205	18	1600				1634				530	16	562	12
	30	6306	22	1600				1634				530	16	562	12
1600	25	6205	18	1800				1834				600	16	632	12
	25	6305	18	1800				1834				600	16	632	12
	30	6306	22	1800				1834				600	16	632	12

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

$\text{ØD: } \text{Ø}102-\text{Ø}108$

BELT	$\text{Ød}$	Rulman / Bearing	SW	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
400	20	6204	14	500	534	534	534	250	13	276	9	160	13	186	9
	25	6205	14	500				250	13	276	9	160	13	186	9
500	20	6204	18	600	634	634	634	315	13	341	9	200	13	226	9
	25	6205	14	600				315	16	347	12	200	16	232	12
650	20	6204	14	750	784	784	784	380	13	406	9	250	13	276	9
	20	6204	14	750				380	13	406	9	250	13	276	9
800	25	6205	14	750	784	784	784	380	16	412	12	250	16	282	12
	20	6204	18	950				465	13	491	9	315	13	341	9
1000	20	6204	14	950	984	984	984	465	13	491	9	315	13	341	9
	25	6205	14	950				465	16	497	12	315	16	347	12
1200	20	6204	18	1150	1184	1184	1184	600	13	626	9	380	13	406	9
	25	6205	14	1150				600	13	626	9	380	13	406	9
1400	25	6305	18	1150	1184	1184	1184	600	16	632	12	380	16	412	12
	30	6206	18	1150				600	16	632	12	380	16	412	12
1600	20	6204	22	1400	1434	1434	1434	700	13	726	9	665	13	691	9
	20	6204	14	1400				700	13	726	9	665	13	691	9
1200	25	6205	14	1400				700	16	732	12	665	16	697	12
	25	6305	18	1400				700	16	732	12	665	16	697	12
1400	30	6306	18	1400				700	16	732	12	665	16	697	12
	20	6204	22	1600	1634	1634	1634	800	13	826	9	530	13	556	9
1400	25	6205	14	1600				800	16	832	12	530	16	562	12
	25	6205	18	1600				800	16	832	12	530	16	562	12
1600	30	6306	18	1600	1634	1634	1634	800	16	832	12	530	16	562	12
	25	6205	22	1800				900	16	932	12	600	16	632	12
1600	25	6305	18	1800	1834	1834	1834	900	16	932	12	600	16	632	12
	30	6306	18	1800				900	16	932	12	600	16	632	12

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

$\text{ØD: } \text{Ø}152 / \text{Ø}159$

BELT	$\text{Ød}$	Rulman / Bearing	SW	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
1000	25	6305	18	1150	17	1184	13	600	632	632	632	380	412	412	412
	25	6205		1150	17	1184	13	600				380			
1200	30	6206	22	1150	17	1184	13	600	632	632	632	380	412	412	412
	30	6306		1150	17	1184	13	600				380			
1200	25	6205	18	1400	17	1434	13	700	732	732	732	465	497	497	497
	25	6305		1400	17	1434	13	700				465			
1400	30	6206	22	1400	17	1434	13	700	732	732	732	465	497	497	497
	30	6306		1400	19	1434	15	700				530			
1400	25	6205	18	1600	17	1634	13	800	832	832	832	530	562	562	562
	25	6305		1600	17	1634	13	800				530			
1400	30	6206	22	1600	17	1634	13	800	832	832	832	530	562	562	562
	30	6306		1600	17	1634	13	800				530			
1600	40	6308	32	1600	19	1638	15	800	832	832	832	530	562	562	562
	25	6205		1800	17	1834	13	900				600			
1600	25	6305	18	1800	17	1834	13	900	932	932	932	600	632	632	632
	30	6206		1800	17	1834	13	900				600			
1800	30	6206	22	1800	17	1834	13	900	932	932	932	600	632	632	632
	30	6306		1800	17	1834	13	900				600			
1800	40	6308	32	1800	19	1838	15	900	932	932	932	600	632	632	632
	25	6205		2000	17	2034	13	1000				1000			
1800	25	6305		2000	17	2034	13	1000	1032	1032	1032	1000	1032	1032	1032
	30	6206		2000	17	2034	13	1000				1000			
1800	30	6306	22	2000	17	2034	13	1000	1032	1032	1032	1000	1032	1032	1032
	40	6308		2000	19	2038	15	1000				1000			
2000	25	6305	18	2200	17	2234	13	1100	1132	1132	1132	750	782	782	782
	30	6206		2200	17	2234	13	1100				750			
2000	30	6306	22	2200	17	2234	13	1100	1132	1132	1132	750	782	782	782
	40	6308		2200	17	2234	13	1100				750			



# Taşıyıcı Rulo

## *Carrier Roller*

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

$\varnothing D: \varnothing 127 / \varnothing 133 / \varnothing 139$

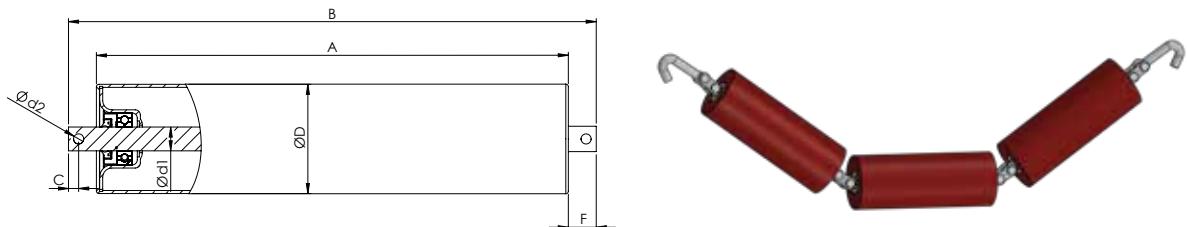
BELT	$\varnothing d$	Rulman / Bearing	SW	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
400	20	6204	14	500		534		250	13	276	9	160	13	186	9
500	20	6204	14	600		634		315	13	341	9	200	13	226	9
650	20	6204	14	750		784		380	13	406	9	250	13	276	9
	20	6204	14	750		784		380	13	406	9	250	13	276	9
800	25	6205	18	750		784		380	16	412	12	250	16	282	12
	20	6204	14	950		984		465	13	491	9	315	13	341	9
	20	6204	14	950		984		465	13	491	9	315	13	341	9
	25	6205	18	950		984		465	16	497	12	315	16	347	12
1000	20	6204	14	1150		1184		600	13	626	9	380	13	406	9
	20	6204	14	1150		1184		600	13	626	9	380	13	406	9
	25	6205	18	1150		1184		600	16	632	12	380	16	412	12
	25	6305	18	1150		1184		600	16	632	12	380	16	412	12
	30	6206	22	1150		1184		600	16	632	12	380	16	412	12
	30	6306	22	1150		1184		600	16	632	12	380	16	412	12
	20	6204	14	1400		1434		700	13	726	9	465	13	491	9
1200	20	6204	14	1400		1434		700	13	726	9	465	13	491	9
	25	6205	18	1400		1434		700	16	732	12	465	16	497	12
	25	6305	18	1400		1434		700	16	732	12	465	16	497	12
	30	6206	22	1400		1434		700	16	732	12	465	16	497	12
	30	6306	22	1400		1434		700	16	732	12	465	16	497	12
	20	6204	14	1600		1634		800	13	826	9	530	13	576	9
1400	20	6204	14	1600		1634		800	13	826	9	530	13	576	9
	25	6205	18	1600		1634		800	16	832	12	530	16	582	12
	25	6305	18	1600		1634		800	16	832	12	530	16	582	12
	30	6206	22	1600		1634		800	16	832	12	530	16	582	12
	30	6306	22	1600		1634		800	16	832	12	530	16	582	12
1600	25	6205	18	1800		1834		900	16	932	12	600	16	632	12
	25	6305	18	1800		1834		900	16	932	12	600	16	632	12
	30	6206	22	1800		1834		900	16	932	12	600	16	632	12
	30	6306	22	1800		1834		900	16	932	12	600	16	632	12
1800	25	6205	18	2000		2034		1000	16	1032	12	670	16	702	12
	25	6305	18	2000		2034		1000	16	1032	12	670	16	702	12
	30	6206	22	2000		2034		1000	16	1032	12	670	16	702	12
	30	6306	22	2000		2034		1100	16	1132	12	750	16	782	12
2000	25	6305	18	2200		2234		1100	16	1132	12	750	16	782	12
	30	6206	22	2200		2234		1100	16	1132	12	750	16	782	12
	30	6306	22	2200		2234		1100	16	1132	12	750	16	782	12



"Tecrübeyle ilerle, güvenle taşı."

# Garland

## Garland



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.															
										ØD: Ø60-Ø63					
BELT	Ød1	Rulman / Bearing	Ød2	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
300	20	6204	8	380	17	414	10	200	13	226	9	160	13	186	9
	20	6204	8	500		534	10	250	13	276	9	160	13	186	9
	25	6205	10	500		534	10	250	13	276	9	160	16	192	12
400	20	6204	8	600	17	634	10	315	13	341	9	160	13	186	9
	25	6205	10	600		634	12	315	16	347	12	160	16	193	12
500	20	6204	8	750		784	10	380	13	406	9	160	13	186	9
	25	6205	10	750		784	12	380	16	412	12	160	16	192	12
650	20	6204	8	750		784	10	380	13	406	9	200	13	226	9
	25	6205	10	750		784	12	380	16	412	12	200	16	232	12
800	20	6204	8	950		984	10	315	13	341	9	200	13	186	9
	25	6205	10	950		984	12	315	16	347	12	200	16	192	12
1000	20	6204	8	1150		1188	10	380	13	406	9	250	13	276	9
	25	6205	10	1150		1188	12	380	16	412	12	250	16	282	12
	25	6305	10	1150		1188	12	465	13	491	9	315	13	341	9
1200	20	6206	14,5	1150	17	1188	16	465	16	497	12	315	16	347	12
	25	6205	10	1400		1434	10	600	13	626	9	380	13	406	9
	25	6305	10	1400		1434	12	600	16	632	12	380	16	412	12
1400	20	6206	14,5	1400		1434	16	600	16	632	12	380	16	412	12
	25	6204	8	1600		1634	10	700	13	726	9	465	13	491	9
	25	6205	10	1600		1634	12	700	16	732	12	465	16	497	12
1600	25	6305	10	1600		1634	12	800	16	832	12	465	16	497	12
	30	6306	14,5	1600		1634	16	800	16	832	12	530	13	556	9
	25	6205	10	1800		1834	12	900	16	932	12	530	16	562	12
1400	25	6305	10	1800		1834	12	900	16	932	12	600	16	632	12
	30	6306	14,5	1800		1834	16	900	16	932	12	600	16	632	12

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.															
										ØD: Ø76-Ø89					
BELT	Ød1	Rulman / Bearing	Ød2	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
300	20	6204	8	380	17	414	10	200	13	226	9	160	13	186	9
	20	6204	8	500		534	10	250	13	276	9	160	13	186	9
	25	6205	10	500		534	12	250	16	284	12	160	16	192	12
400	20	6204	8	600	17	634	10	315	13	341	9	200	13	226	9
	25	6205	10	600		634	12	315	16	347	12	200	16	232	12
500	20	6204	8	750		784	10	380	13	406	9	250	13	276	9
	25	6205	10	750		784	12	380	16	412	12	250	16	282	12
650	20	6204	8	950		984	10	465	13	491	9	315	13	341	9
	25	6205	10	950		984	12	465	16	497	12	315	16	347	12
800	20	6204	8	1150		1188	10	600	13	626	9	380	13	406	9
	25	6205	10	1150		1188	12	600	16	632	12	380	16	412	12
	25	6305	10	1150		1188	12	600	16	632	12	380	16	412	12
1000	20	6204	8	1400		1434	10	700	13	726	9	465	13	491	9
	25	6205	10	1400		1434	12	700	16	732	12	465	16	497	12
	25	6305	10	1400		1434	16	700	16	732	12	465	16	497	12
1200	20	6206	14,5	1400		1634	10	800	13	826	9	530	13	556	9
	25	6205	10	1400		1634	12	800	16	832	12	530	16	562	12
	25	6305	10	1400		1634	12	800	16	832	12	530	16	562	12
1400	20	6204	8	1600		1634	16	900	16	932	12	530	16	562	12
	25	6205	10	1600		1834	12	900	16	932	12	600	16	632	12
	25	6305	10	1600		1834	12	900	16	932	12	600	16	632	12
1400	30	6306	14,5	1600		1834	16	900	16	932	12	600	16	632	12
	25	6205	10	1800		1834	16	900	16	932	12	600	16	632	12
1600	25	6305	10	1800		1834	16	900	16	932	12	600	16	632	12
	30	6306	14,5	1800		1834	16	900	16	932	12	600	16	632	12



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

**ØD: Ø102-Ø108**

BELT	Ød1	Rulman / Bearing	Ød2	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
400	20	6204	8	500	534	10	12	250	13	276	9	160	13	186	9
	25	6205	10	500		12		250	16	282	12	160	16	192	12
500	20	6204	8	600	634	10	12	315	13	341	9	200	13	226	9
	25	6205	10	600		12		315	16	347	12	200	16	232	12
650	20	6204	8	750	784	10	12	380	13	406	9	250	13	276	9
	25	6205	10	750		12		380	16	412	12	250	16	282	12
800	20	6204	8	950	984	10	12	465	13	491	9	315	13	341	9
	25	6205	10	950		12		465	16	497	12	315	16	347	12
1000	20	6204	8	1150	1184	10	12	600	13	626	9	380	13	406	9
	25	6205	10	1150		12		600	16	632	12	380	16	412	12
	25	6305	10	1150		12		600	16	632	12	380	16	412	12
	30	6206	14,5	1150		16		600	16	632	12	380	16	412	12
1200	20	6204	8	1400	1434	10	12	700	13	726	9	465	13	491	9
	25	6205	10	1400		12		700	16	732	12	465	16	497	12
	25	6305	10	1400		12		700	16	732	12	465	16	497	12
1400	20	6204	8	1600	1634	10	12	800	13	826	9	530	13	556	9
	25	6205	10	1600		12		800	16	832	12	530	16	562	12
	25	6305	10	1600		12		800	16	832	12	530	16	562	12
	30	6206	14,5	1600		16		800	16	832	12	530	16	562	12
1600	25	6205	10	1800	1834	12	12	900	16	932	12	600	16	632	12
	25	6305	10	1800		12		900	16	932	12	600	16	632	12
	30	6306	14,5	1800		16		900	16	932	12	600	16	632	12

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

**ØD: Ø127 / Ø133 / Ø139**

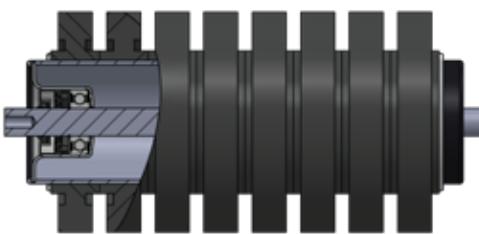
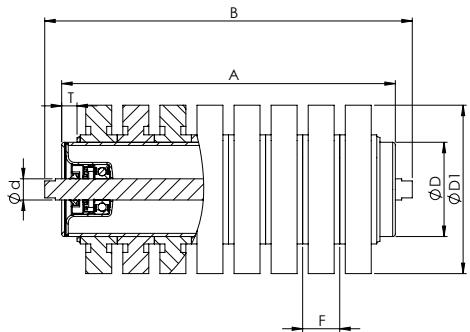
BELT	Ød1	Rulman / Bearing	Ød2	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
400	20	6204	8	500	534	10	12	250	13	276	9	160	13	186	9
	20	6204	8	600		12		315	13	341	9	200	13	226	9
500	20	6204	8	750	784	10	12	380	13	406	9	250	13	276	9
	25	6205	10	750		12		380	16	412	12	250	16	282	12
650	20	6204	8	950	984	10	12	465	13	491	9	315	13	341	9
	25	6205	10	950		12		465	16	497	12	315	16	347	12
800	20	6204	8	1150	1184	10	12	600	13	626	9	380	13	406	9
	25	6205	10	1150		12		600	16	632	12	380	16	412	12
1000	20	6204	8	1350	1634	10	12	600	16	632	12	380	16	412	12
	25	6205	10	1350		12		600	16	632	12	380	16	412	12
	25	6305	10	1350		12		600	16	632	12	380	16	412	12
	30	6206	14,5	1350		16		600	16	632	12	380	16	412	12
1200	20	6204	8	1900	1934	10	12	700	13	726	9	465	13	491	9
	25	6205	10	1900		12		700	16	732	12	465	16	497	12
	25	6305	10	1900		12		700	16	732	12	465	16	497	12
	30	6206	14,5	1900		16		700	16	732	12	465	16	497	12
1400	20	6204	8	1900	1934	10	12	700	16	732	12	465	16	497	12
	25	6205	10	1900		12		800	16	832	12	530	16	562	12
	25	6305	10	1900		12		800	16	832	12	530	16	562	12
	30	6306	14,5	1900		16		800	16	832	12	530	16	562	12
1600	25	6205	10	1600	1634	12	12	900	16	932	12	600	16	632	12
	25	6305	10	1600		12		900	16	932	12	600	16	632	12
	30	6206	14,5	1600		16		900	16	932	12	600	16	632	12
	30	6306	14,5	1600		16		900	16	932	12	600	16	632	12
1800	25	6205	10	1800	1834	12	12	900	16	932	12	600	16	632	12
	25	6305	10	1800		12		900	16	932	12	600	16	632	12
	30	6206	14,5	1800		16		900	16	932	12	600	16	632	12
	30	6306	14,5	1800		16		1000	16	1032	12	670	16	702	12
2000	25	6205	10	2000	2034	12	12	1000	16	1032	12	670	16	702	12
	25	6206	14,5	2000		12		1000	16	1032	12	670	16	702	12
	30	6306	14,5	2000		16		1000	16	1032	12	670	16	702	12
	30	6306	14,5	2000		16		1100	16	1132	12	750	16	782	12

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.															
				ØD: Ø152 / Ø159											
BELT	Ød1	Rulman / Bearing	Ød2	A(1)	F	B	C	A(2)	F	B	C	A(3)	F	B	C
1000	25	6305	10	1150	17	1184	13	600	16	632	12	380	16	412	12
	25	6205	10	1150	17	1184	13	600		600		380		380	
	30	6206	14,5	1150	17	1184	13	600		600		380		380	
	30	6306	14,5	1150	17	1184	13	600		600		380		380	
1200	25	6205	10	1400	17	1434	13	700	16	732	12	465	16	497	12
	25	6305	10	1400	17	1434	13	700		732		465		497	
	30	6206	14,5	1400	17	1434	13	700		732		465		497	
	30	6306	14,5	1400	19	1438	15	700		732		465		497	
1400	25	6205	10	1600	17	1634	13	800	16	832	12	530	16	562	12
	25	6305	10	1600	17	1634	13	800		832		530		530	
	30	6206	14,5	1600	17	1634	13	800		832		530		530	
	30	6306	14,5	1600	17	1634	13	800		832		530		530	
1600	40	6308	16,5	1600	19	1638	15	800	16	832	12	530	16	530	12
	25	6205	10	1800	17	1834	13	900		932		600		632	
	25	6305	10	1800	17	1834	13	900		932		600		632	
	30	6206	14,5	1800	17	1834	13	900		932		600		632	
1800	30	6306	14,5	1800	17	1834	13	900	16	932	12	600	16	632	12
	40	6308	16,5	1800	19	1838	15	900		932		600		632	
	25	6205	10	2000	17	2034	13	1000		1032		670	16	702	12
	25	6305	10	2000	17	2034	13	1000		1032		670		702	
2000	30	6206	14,5	2000	17	2034	13	1000	16	1032		670	16	702	12
	30	6306	14,5	2000	17	2034	13	1000		1032		670		702	
	40	6308	16,5	2000	19	2038	15	1000		1032		670		702	
	25	6305	10	2200	17	2234	13	1100		1132		750	16	782	12
2000	30	6206	14,5	2200	17	2234	13	1100	16	1132		750		782	
	30	6306	14,5	2200	17	2234	13	1100		1132		750		782	
	40	6308	16,5	2200	17	2234	13	1100		1132		750		782	



**INTRALOJİSTİK HATTI**  
INTRALOGISTIC LINE

## Darbe Rulosu Impact Roller



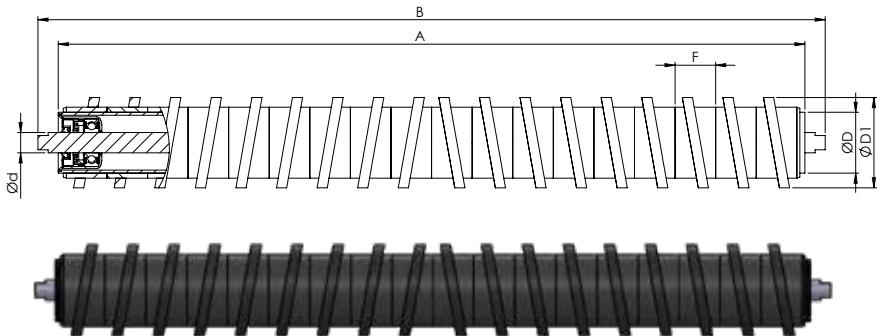
Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

BELT	$\varnothing d$	Rulman / Bearing	A	$\varnothing D$	$\varnothing D1$	B	F	T	LASTİK SAYISI / DISC QUANTITY	
400	20	6204	160	60	89	186	30	30	4	
	20	6204		89	108		35		5	
	25	6205							6	
500	20	6204	200	60	89	226	30	30	5	
	25	6205		89	108	232	35		7	
	25	6205							6	
650	20	6204	250	60	89	276	30	30	7	
	25	6205		89	108	282	35		6	
	25	6205							8	
800	20	6204	315	60	89	341	30	30	9	
	25	6205		89	108		35		10	
	25	6205							12	
1000	20	6204	380	60	89	406	30	30	14	
	25	6205		89	108	412	35		12	
	25	6205							16	
	30	6206							18	
1200	20	6204	465	60	89	491	30	30	20	
	25	6205		89	108	497	35		18	
	25	6205							22	
	30	6206							24	
1400	25	6205	530	89	108	556	35	30	14	
	25	6205							16	
	30	6206				562			18	
1600	25	6205	600	89	108	632	35	30	20	
	30	6206							22	
1800	25	6205	670	89	108	702	35	30	18	
	30	6206							24	
2000	25	6205	750	89	108	782	35	30	18	
	30	6206							20	
	30	6306		108	128	40	40		19	
	35	6207							22	
2200	30	6206	800	108	128	824	40	30	19	
	35	6207							24	
2400	30	6206	900	108	128	924	40	30	22	
	35	6207							24	

## Helisel Rulo

### *Helical Roller*

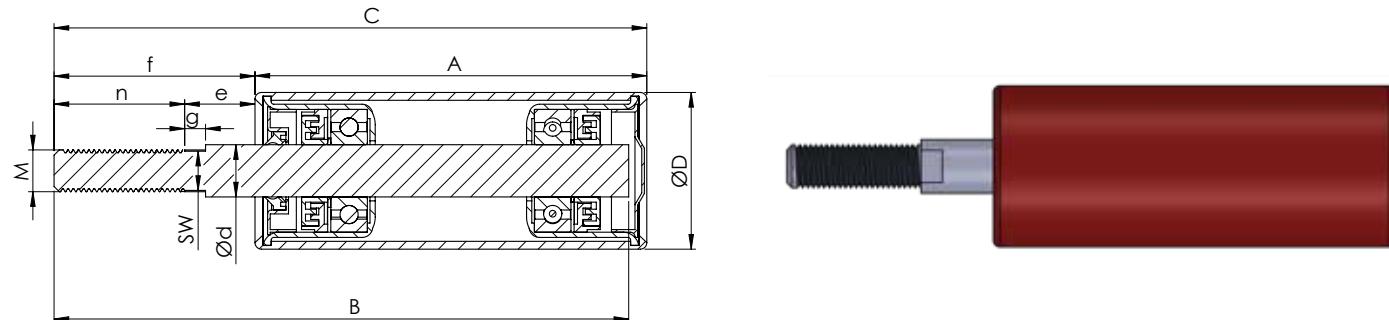
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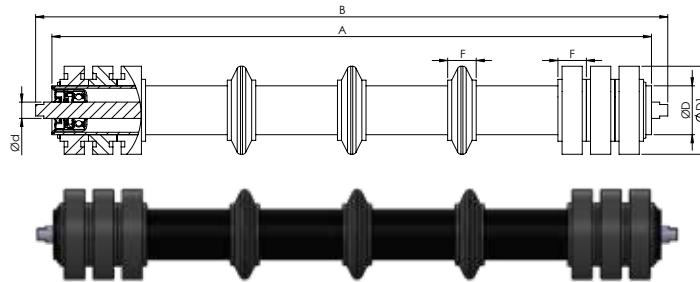
Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.							
BELT	Ød	ØD	ØD1	F	A	B	LASTİK SAYISI / DISC QUANTITY
300	20	60	108	40	380	412	8
	20	89	133	45			8
400	20	60	108	40	500	526	10
	25	89	133	45			10
500	20	60	108	40	600	626	14
	25	89	133	45			12
650	20	60	108	40	750	782	18
	25	89	133	45			16
	25	108	159	40			18
800	20	60	108	40	950	982	20
	25	89	133	45			18
	25	108	159	40			20
1000	20	60	108	40	1150	1182	26
	25	89	133	45			24
	25	108	159	40			26
1200	20	60	108	40	1400	1432	32
	25	89	133	45			28
	25	108	159	40			32
1400	20	60	108	40	1600	1632	36
	25	89	133	45			32
	25	108	159	40			36
1600	20	60	133	45	1800	1832	40
	25	89	159	40			44

## Kılavuz Rulosu

### Guide Roller



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.											
ØD	A	B	C	Ød	Rulman / Bearing	SW	g	M	n	e	f
60	100	145	155	20	6204	14	9	16	35	20	55
60	120	155	165	20	6204	14	9	16	35	10	45
89	100	145	155	20	6204	14	9	16	35	20	55
89	120	155	165	20	6204	14	9	16	35	10	45
108	120	155	165	20	6204	14	9	16	35	10	45
60	100	145	155	25	6205	18	12	20	35	20	55
60	120	155	165	25	6205	18	12	20	35	10	45
89	100	145	155	25	6205	18	12	20	35	20	55
89	120	155	165	25	6205	18	12	20	35	10	45
108	120	155	165	25	6205	18	12	20	35	10	45
89	120	155	165	30	6206	22	13	24	35	10	45
108	120	155	165	30	6206	22	13	24	35	10	45

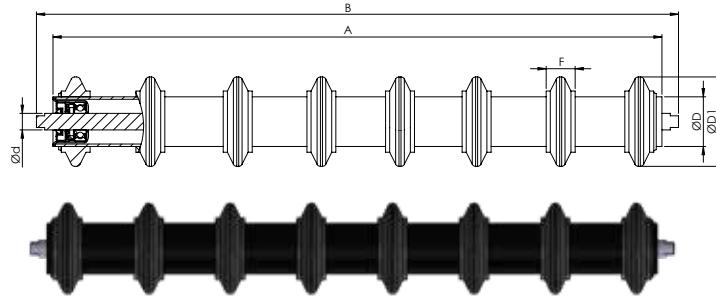


## Darbe-Dönüş-Darbe Rulosu *Impact-Return-Impact Roller*

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.							
BELT	Ød	Rulman / Bearing	ØD1	ØD	A	B	F
400	20	6204	108	60	500	534	25
	25	6205	133	60	500	534	25
	25	6305	133	89	500	534	30
500	20	6204	108	60	600	634	25
	25	6205	133	60	600	634	25
	25	6305	133	89	600	634	30
650	20	6204	108	60	750	784	25
	25	6205	133	60	750	784	25
	25	6305	133	89	750	784	30
800	20	6204	108	60	950	984	25
	25	6205	133	60	950	984	25
	25	6305	133	89	950	984	30
1000	20	6204	108	60	1150	1184	25
	25	6205	133	60	1150	1184	25
	25	6305	133	89	1150	1184	30
	30	6206	159	89	1150	1184	30
1200	20	6204	108	60	1400	1434	25
	25	6205	133	60	1400	1434	25
	25	6305	133	89	1400	1434	30
	30	6206	159	89	1400	1434	30
1400	25	6205	133	89	1600	1634	30
	30	6206	159	89	1600	1634	30
1600	25	6205	133	89	1800	1834	30
	30	6206	159	89	1800	1834	30
1800	25	6205	133	89	2000	2034	30
	30	6206	159	89	2000	2034	30
2000	25	6205	133	89	2200	2234	30
	30	6206	159	89	2200	2234	30
	30	6206	159	108	2200	2234	35
	35	6207	194	108	2200	2234	35
2200	30	6206	159	108	2600	2634	35
	35	6207	194	108	2600	2634	35
2400	30	6206	159	108	2800	2834	35
	35	6207	194	108	2800	2834	35

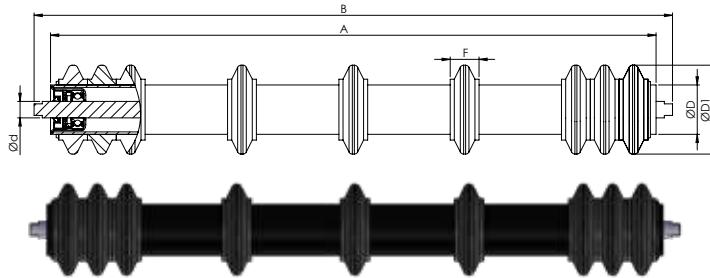
# Dönüş Rulosu

## *Return Roller*



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

BELT	Ød	Rulman / Bearing	ØD1	ØD	A	B	F
400	20	6204	108	60	500	534	25
	25	6205	133	60	500	534	25
	25	6305	133	89	500	534	30
500	20	6204	108	60	600	634	25
	25	6205	133	60	600	634	25
	25	6305	133	89	600	634	30
650	20	6204	108	60	750	784	25
	25	6205	133	60	750	784	25
	25	6305	133	89	750	784	30
800	20	6204	108	60	950	984	25
	25	6205	133	60	950	984	25
	25	6305	133	89	950	984	30
1000	20	6204	108	60	1150	1184	25
	25	6205	133	60	1150	1184	25
	25	6305	133	89	1150	1184	30
	30	6206	159	89	1150	1184	30
1200	20	6204	108	60	1400	1434	25
	25	6205	133	60	1400	1434	25
	25	6305	133	89	1400	1434	30
	30	6206	159	89	1400	1434	30
1400	25	6205	133	89	1600	1634	30
	30	6206	159	89	1600	1634	30
1600	25	6205	133	89	1800	1834	30
	30	6206	159	89	1800	1834	30
1800	25	6205	133	89	2000	2034	30
	30	6206	159	89	2000	2034	30
2000	25	6205	133	89	2200	2234	30
	30	6206	159	89	2200	2234	30
	30	6206	159	108	2200	2234	35
	35	6207	194	108	2200	2234	35
2200	30	6206	159	108	2600	2634	35
	35	6207	194	108	2600	2634	35
2400	30	6206	159	108	2800	2834	35
	35	6207	194	108	2800	2834	35



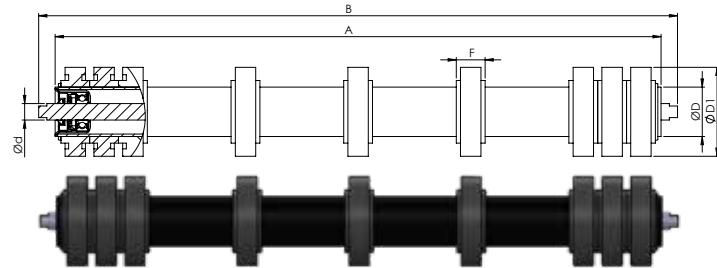
## Dönüş-Dönüş-Dönüş Rulosu Return-Return-Return Roller

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

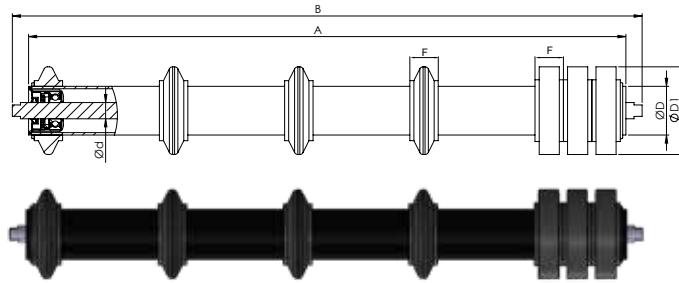
BELT	$\phi d$	Rulman / Bearing	$\phi D1$	$\phi D$	A	B	F
400	20	6204	108	60	500	534	25
	25	6205	133	60	500	534	25
	25	6305	133	89	500	534	30
500	20	6204	108	60	600	634	25
	25	6205	133	60	600	634	25
	25	6305	133	89	600	634	30
650	20	6204	108	60	750	784	25
	25	6205	133	60	750	784	25
	25	6305	133	89	750	784	30
800	20	6204	108	60	950	984	25
	25	6205	133	60	950	984	25
	25	6305	133	89	950	984	30
1000	20	6204	108	60	1150	1184	25
	25	6205	133	60	1150	1184	25
	25	6305	133	89	1150	1184	30
	30	6206	159	89	1150	1184	30
1200	20	6204	108	60	1400	1434	25
	25	6205	133	60	1400	1434	25
	25	6305	133	89	1400	1434	30
	30	6206	159	89	1400	1434	30
1400	25	6205	133	89	1600	1634	30
	30	6206	159	89	1600	1634	30
1600	25	6205	133	89	1800	1834	30
	30	6206	159	89	1800	1834	30
1800	25	6205	133	89	2000	2034	30
	30	6206	159	89	2000	2034	30
2000	25	6205	133	89	2200	2234	30
	30	6206	159	89	2200	2234	30
	30	6206	159	108	2200	2234	35
	35	6207	194	108	2200	2234	35
2200	30	6206	159	108	2600	2634	35
	35	6207	194	108	2600	2634	35
2400	30	6206	159	108	2800	2834	35
	35	6207	194	108	2800	2834	35

## Darbe-Darbe-Darbe Rulosu

### *Impact-Impact-Impact Roller*



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.							
BELT	Ød	Rulman / Bearing	ØD1	ØD	A	B	F
400	20	6204	108	60	500	534	25
	25	6205	133	60	500	534	25
	25	6305	133	89	500	534	30
500	20	6204	108	60	600	634	25
	25	6205	133	60	600	634	25
	25	6305	133	89	600	634	30
650	20	6204	108	60	750	784	25
	25	6205	133	60	750	784	25
	25	6305	133	89	750	784	30
800	20	6204	108	60	950	984	25
	25	6205	133	60	950	984	25
	25	6305	133	89	950	984	30
1000	20	6204	108	60	1150	1184	25
	25	6205	133	60	1150	1184	25
	25	6305	133	89	1150	1184	30
	30	6206	159	89	1150	1184	30
1200	20	6204	108	60	1400	1434	25
	25	6205	133	60	1400	1434	25
	25	6305	133	89	1400	1434	30
	30	6206	159	89	1400	1434	30
1400	25	6205	133	89	1600	1634	30
	30	6206	159	89	1600	1634	30
1600	25	6205	133	89	1800	1834	30
	30	6206	159	89	1800	1834	30
1800	25	6205	133	89	2000	2034	30
	30	6206	159	89	2000	2034	30
2000	25	6205	133	89	2200	2234	30
	30	6206	159	89	2200	2234	30
	30	6206	159	108	2200	2234	35
	35	6207	194	108	2200	2234	35
2200	30	6206	159	108	2600	2634	35
	35	6207	194	108	2600	2634	35
2400	30	6206	159	108	2800	2834	35
	35	6207	194	108	2800	2834	35



## Darbe-Dönüş İkili Rulo Seti

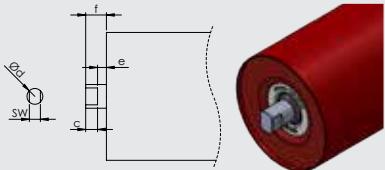
*Impact-Return Double Roller Set*

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

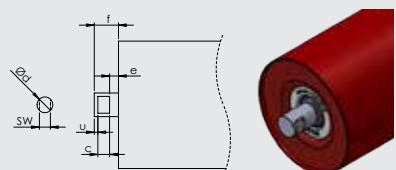
BELT	Ød	Rulman / Bearing	ØD1	ØD	A	B	F
400	20	6204	108	60	500	534	25
	25	6205	133	60	500	534	25
	25	6305	133	89	500	534	30
500	20	6204	108	60	600	634	25
	25	6205	133	60	600	634	25
	25	6305	133	89	600	634	30
650	20	6204	108	60	750	784	25
	25	6205	133	60	750	784	25
	25	6305	133	89	750	784	30
800	20	6204	108	60	950	984	25
	25	6205	133	60	950	984	25
	25	6305	133	89	950	984	30
1000	20	6204	108	60	1150	1184	25
	25	6205	133	60	1150	1184	25
	25	6305	133	89	1150	1184	30
	30	6206	159	89	1150	1184	30
1200	20	6204	108	60	1400	1434	25
	25	6205	133	60	1400	1434	25
	25	6305	133	89	1400	1434	30
	30	6206	159	89	1400	1434	30
1400	25	6205	133	89	1600	1634	30
	30	6206	159	89	1600	1634	30
1600	25	6205	133	89	1800	1834	30
	30	6206	159	89	1800	1834	30
1800	25	6205	133	89	2000	2034	30
	30	6206	159	89	2000	2034	30
2000	25	6205	133	89	2200	2234	30
	30	6206	159	89	2200	2234	30
	30	6206	159	108	2200	2234	35
	35	6207	194	108	2200	2234	35
2200	30	6206	159	108	2600	2634	35
	35	6207	194	108	2600	2634	35
2400	30	6206	159	108	2800	2834	35
	35	6207	194	108	2800	2834	35

# Anahtar Ağrı Tipleri

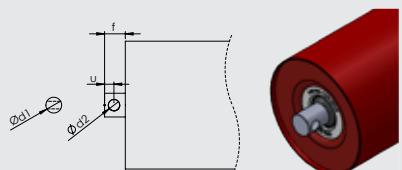
## Spindle Wrench Types



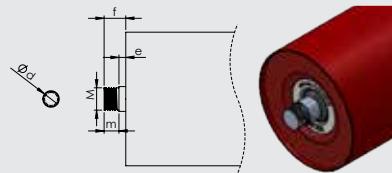
TİP-1	AÇIK ANAHTAR AĞZI / FLAT KEY TYPE			
d	20	25	30	40
SW	14	18	22	32
e	4	4	4	4
c	9	12	12	12
f	13	16	16	16



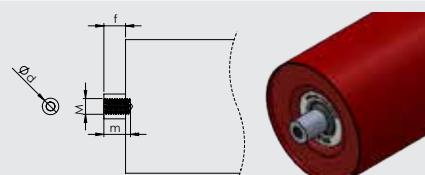
TİP-2	KAPALI ANAHTAR AĞZI / INTERNAL FLAT KEY TYPE				
d	15	20	25	30	40
SW	11	14	18	22	32
e	4	4	4	4	4
c	5	9	12	12	12
u	4	4	4	4	4
f	13	17	20	20	20



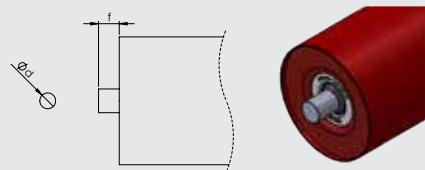
TİP-3	DELİK (GARLAND) ANAHTAR AĞZI / HOLE (GARLAND) KEY TYPE				
d1	15	20	25	30	40
u	7	10	12	16	16
f	17	24	28	36	38
d2	6	8	10	14	16



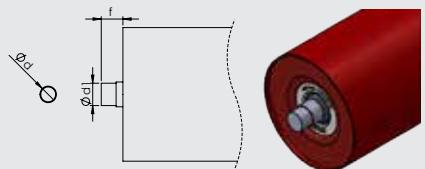
TİP-4	DİS DİS ANAHTAR AĞZI / OUTER THREADED KEY TYPE			
d	15	20	25	30
e	8	8	8	8
m	33	35	35	40
f	41	43	43	48
M	14	16	20	24



TİP-5	İÇ DİS ANAHTAR AĞZI / INNER THREADED KEY TYPE				
d	15	20	25	30	40
d1	20	20	25	30	40
f	8	13	16	16	16
m	18	20	25	25	25
M	10	12	16	16	16



TİP-6	DÜZ MİL ANAHTAR AĞZI / PLAIN KEY TYPE				
d	15	20	25	30	40
f	13	13	13	16	16

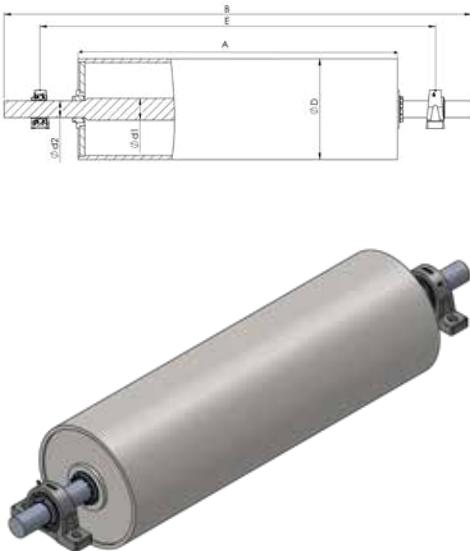


TİP-7	MİL İŞLEME / DIAMETER REDUCTION				
d	15	20	25	30	40
d1					
f					

it varies according to demand.

# Gergi Tamburu

## Tension Pulley



Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.									
BELT	ØD	A	E	B	Ød1	Ød2	KG	YATAK / BEARING	PENS KİLİT / CLAMP LOCK
300	165	400	600	670	40	30	25,3	RTUE 30	CTL SERIES - 30
	190				40	30	30,6		
	215				50	40	35,2	RTUE 40	CTL SERIES - 40
	240			680	50	40	38,5		
	270				50	40	41,9	RTUE 50	CTL SERIES - 50
				690	50	40	48,4		
					60	40	54,9		
400	190	500	700	780	50	40	41	RTUE 40	CTL SERIES - 40
	215				50	40	44,8		
	240				50	40	48,7		
	270			790	50	40	56,3		
	320				60	40	63,5	RTUE 50	CTL SERIES - 50
	400			780	50	40	64,8		
					60	50	71,9	RTUE 60	CTL SERIES - 60
				810	60	40	106,8		
500	215	600	830	910	50	40	51,3	RTUE 40	CTL SERIES - 40
	240				50	40	55,6		
	270				50	40	64,4		
	320			920	60	50	72,3	RTUE 50	CTL SERIES - 50
	400				50	40	73,7	RTUE 40	CTL SERIES - 40
				920	50	50	81,6	RTUE 50	CTL SERIES - 50
					75	60	92,8	RTUE 60	CTL SERIES - 60
				910	50	40	102,5	RTUE 40	CTL SERIES - 40
					60	50	110,4	RTUE 50	CTL SERIES - 50
				940	75	60	121,5	RTUE 60	CTL SERIES - 60
					50	40	130,7	RTUE 40	CTL SERIES - 40
				910	60	50	138,6	RTUE 50	CTL SERIES - 50
					75	60	149,7	RTUE 60	CTL SERIES - 60
				940	85	70	166,4	RTUE 70	CTL SERIES - 70
					55	50	200,5	RTUE 50	CTL SERIES - 50
650	500			920	75	60	211,7	RTUE 60	CTL SERIES - 60
	630				85	70	231,6	RTUE 70	CTL SERIES - 70
				940	95	80	243,7	RTUE 80	CTL SERIES - 80
					65	50	247,5		
	240	750	990	1070	50	40	65,4	RTUE 40	CTL SERIES - 40
	270				50	40	75,8		
				1080	60	50	84,8	RTUE 50	CTL SERIES - 50
					50	40	86,4	RTUE 40	CTL SERIES - 40
				1080	60	50	95,4	RTUE 50	CTL SERIES - 50
					75	60	108,4	RTUE 60	CTL SERIES - 60
				1100	85	70	123,2	RTUE 70	CTL SERIES - 70
					50	40	120,5	RTUE 40	CTL SERIES - 40
				1070	60	50	129,5	RTUE 50	CTL SERIES - 50
					75	60	142,4	RTUE 60	CTL SERIES - 60
				1080	85	70	158,4	RTUE 70	CTL SERIES - 70
					65	50	161,7	RTUE 50	CTL SERIES - 50
				1100	75	60	174,7	RTUE 60	CTL SERIES - 60
					85	70	192,8	RTUE 70	CTL SERIES - 70
				1100	95	80	206,6	RTUE 80	CTL SERIES - 80
					75	60	247,5	RTUE 60	CTL SERIES - 60
				1100	85	70	268,9	RTUE 70	CTL SERIES - 70
					95	80	282,7	RTUE 80	CTL SERIES - 80
				1100	105	90	297,8	RTUE 90	CTL SERIES - 90
					85	70	262,4	RTUE 70	CTL SERIES - 70
				1100	95	80	375,9	RTUE 80	CTL SERIES - 80
					105	90	391	RTUE 90	CTL SERIES - 90
				1100	115	100	429,5	RTUE 100	CTL SERIES - 100



# Gergi Tamburu

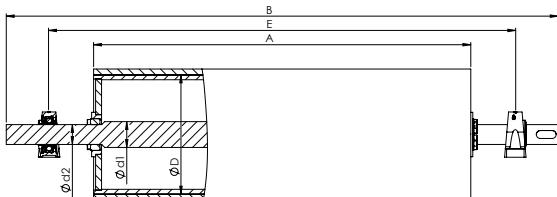
## Tension Pulley

Aksi belirtilmedikçe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

BELT	ØD	A	E	B	Ød1	Ød2	KG	YATAK / BEARING	PENS KİLİT / CLAMP LOCK
800	270	950	1045	1285	60	50	101	RTUE 50	CTL SERIES - 50
	320		1100	1340	70	60	128	RTUE 60	CTL SERIES - 60
	400		1110	1350	80	70	187	RTUE 70	CTL SERIES - 70
	500		1130	1370	90	80	243	RTUE 80	CTL SERIES - 80
	630		1150	1390	100	90	351	RTUE 90	CTL SERIES - 90
	240				50	40	89,7		
1000	270	1390			1470	50	104,4	RTUE 40	CTL SERIES - 40
	320				1480	60	116,1	RTUE 50	CTL SERIES - 50
	400					60	129,8		
	500					75	60	RTUE 60	CTL SERIES - 60
	630					85	70	RTUE 70	CTL SERIES - 70
	800					75	60	RTUE 60	CTL SERIES - 60
	1000					85	70	RTUE 70	CTL SERIES - 70
	1500					95	80	RTUE 80	CTL SERIES - 80
	1500					105	90	RTUE 90	CTL SERIES - 90
	1500					85	70	RTUE 70	CTL SERIES - 70
	1500					95	80	RTUE 80	CTL SERIES - 80
	1500					105	90	RTUE 90	CTL SERIES - 90
	1500					1510	115	RTUE 100	CTL SERIES - 100
	1500					1500	95	RTUE 80	CTL SERIES - 80
1200	240	1400				105	90	RTUE 90	CTL SERIES - 90
	320					1510	115	RTUE 100	CTL SERIES - 100
	400					1520	125	RTUE 110	CTL SERIES - 110
	500					1500	105	RTUE 90	CTL SERIES - 90
	630					1510	115	RTUE 100	CTL SERIES - 100
	800					1520	125	RTUE 110	CTL SERIES - 110
	1000					1520	135	RTUE 120	CTL SERIES - 120
	240					1730	50	RTUE 40	CTL SERIES - 40
	320					1740	60	RTUE 50	CTL SERIES - 50
	400					1730	50	RTUE 40	CTL SERIES - 40
	500					1740	60	RTUE 50	CTL SERIES - 50
	630					1740	60	RTUE 60	CTL SERİSİ - 60
	800					1760	75	RTUE 70	CTL SERIES - 70
	1000					1760	75	RTUE 80	CTL SERIES - 80
	125					1770	115	RTUE 90	CTL SERIES - 90
	135					1780	125	RTUE 100	CTL SERIES - 100
	145					1760	105	RTUE 90	CTL SERIES - 90
	155					1770	115	RTUE 100	CTL SERIES - 100
	165					1780	125	RTUE 110	CTL SERIES - 110
	175					1760	105	RTUE 120	CTL SERIES - 120
	185					1770	115	RTUE 120	CTL SERIES - 120
	195					1780	125	RTUE 130	CTL SERIES - 130

# Tahrik Tamburu

## Drive Pulley



Aksi belirtilmediğe tüm ölçüler mm cinsindedir./All dimensions are in mm unless otherwise stated.

BELT	ØD	A	E	B	Ød1	Ød2	KAMA ÖLÇÜSÜ(bxt) / WEDGE SIZE	KG	YATAK / BEARING	PENS KİLİT / CLAMP LOCK
300	190	400	600	780	50	40	10x8	35,9	SN509	CTL SERIES - 40
	215			780	50	40	10x8	39,2	SN509	CTL SERIES - 40
	240			810	60	50	14x6	46,4	SN511	CTL SERIES - 50
	270			780	50	40	10x8	42,6	SN509	CTL SERIES - 40
	320			810	60	50	14x9	49,8	SN511	CTL SERIES - 50
	320			810	60	50	14x9	56,4	SN511	CTL SERIES - 50
400	215	500	700	810	75	60	14x9	63,9	SN511	CTL SERIES - 50
	240			850	75	60	16x10	73,6	SN513	CTL SERIES - 60
	270			880	50	40	10x8	45,5	SN509	CTL SERIES - 40
	320			910	60	50	14x9	53,5	SN511	CTL SERIES - 50
	320			880	50	40	10x8	49,4	SN509	CTL SERIES - 40
	400			910	60	50	14x9	57,2	SN511	CTL SERIES - 50
500	240	600	830	910	60	50	14x9	64,9	SN511	CTL SERIES - 50
	270			910	60	50	14x9	73,3	SN511	CTL SERIES - 50
	320			950	75	60	16x10	84,2	SN513	CTL SERIES - 60
	400			950	75	60	16x10	109,4	SN513	CTL SERIES - 60
	400			1040	60	50	14x9	65	SN511	CTL SERIES - 50
	400			1080	75	60	16x10	77,3	SN513	CTL SERIES - 60
	400			1040	60	50	14x9	73,8	SN511	CTL SERIES - 50
	400			1080	75	60	16x10	86,1	SN513	CTL SERIES - 60
	400			1040	60	50	14x9	83,1	SN511	CTL SERIES - 50
	400			1080	75	60	16x10	95,4	SN513	CTL SERIES - 60
	400			1110	85	70	18x11	110,4	SN516	CTL SERIES - 70
650	320	750	990	1080	75	60	16x10	124,1	SN513	CTL SERIES - 60
	400			1110	85	70	18x11	140,3	SN516	CTL SERIES - 70
	400			1040	95	80	20x12	154,4	SN518	CTL SERIES - 80
	500			1080	75	60	16x104	152,3	SN513	CTL SERIES - 60
	500			1110	85	70	18x11	170,7	SN516	CTL SERIES - 70
	630			1140	95	80	20x12	184,8	SN518	CTL SERIES - 80
	630			1080	75	60	16x10	214,3	SN513	CTL SERIES - 60
	630			1110	85	70	18x11	235,9	SN516	CTL SERIES - 70
	630			1140	95	80	20x12	250	SN518	CTL SERIES - 80
	800			1175	105	90	22x14	266,5	SN520	CTL SERIES - 90
	320			1170	50	40	10x8	87,2	SN509	CTL SERIES - 40
	400			1200	60	50	14x9	96,9	SN511	CTL SERIES - 50
650	400	750	990	1240	75	60	16x10	111	SN513	CTL SERIES - 60
	400			1270	85	70	18x11	127,5	SN516	CTL SERIES - 70
	500			1170	50	40	10x8	121,3	SN509	CTL SERIES - 40
	500			1200	60	50	14x9	131	SN511	CTL SERIES - 50
	500			1240	75	60	16x10	145	SN513	CTL SERIES - 60
	630			1270	85	70	18x11	162,7	SN516	CTL SERIES - 70
	630			1200	60	50	14x9	163,2	SN511	CTL SERIES - 50
	800			1240	75	60	16x10	177,3	SN513	CTL SERIES - 60
	800			1270	85	70	18x10	197,1	SN516	CTL SERIES - 70
	800			1300	95	80	20x12	212,9	SN518	CTL SERIES - 80
	800			1240	75	60	22x14	250,1	SN513	CTL SERIES - 60
	800			1270	85	70	18x11	273,2	SN516	CTL SERIES - 70
1335	1335	1050	990	1300	95	80	20x12	289	SN518	CTL SERIES - 80
	1335			1335	105	90	22x14	307,5	SN520	CTL SERIES - 90
	1335			1270	85	70	18x11	366,4	SN516	CTL SERIES - 70
	1335			1300	95	80	20x12	382,2	SN518	CTL SERIES - 80
	1335			1335	105	90	22x14	400,7	SN520	CTL SERIES - 90
	1350			1350	115	100	25x14	441,9	SN522	CTL SERIES - 100



# Tahrik Tamburu

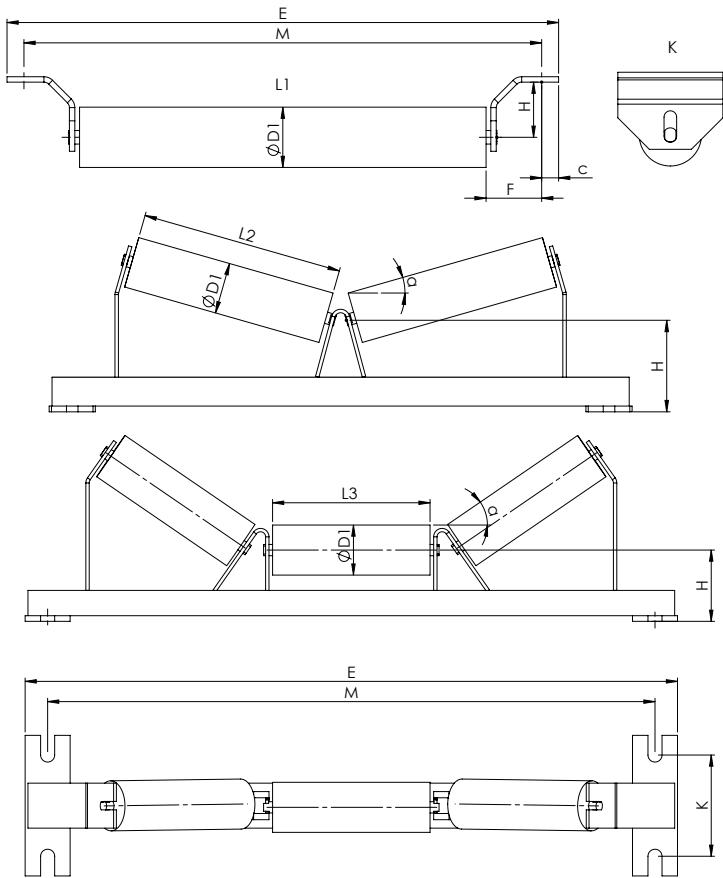
## Drive Pulley

BELT	ØD	A	E	B	Ød1	Ød2	KAMA ÖLÇÜSÜ(bxt) / WEDGE SIZE	KG	YATAK / BEARING	PENS KİLİT / CLAMP LOCK		
800	400	950	1190	1400	60	50	14x9	155,4	SN511	CTL SERIES - 50		
				1440	75	60	16x10	171,7	SN513	CTL SERIES - 60		
				1470	85	70	18x11	191	SN516	CTL SERIES - 70		
				1500	95	80	20x12	209,3	SN518	CTL SERIES - 80		
	500			1440	60	50	14x9	193	SN511	CTL SERIES - 50		
				1470	75	60	16x10	209,3	SN513	CTL SERIES - 60		
				1500	95	80	18x11	231,1	SN516	CTL SERIES - 70		
				1470	85	70	20x12	249,1	SN518	CTL SERIES - 80		
	630			1470	85	70	18x11	321,4	SN516	CTL SERIES - 70		
				1500	95	80	20x12	339,4	SN518	CTL SERIES - 80		
				1535	105	90	22x14	360,2	SN520	CTL SERIES - 90		
				1550	115	100	25x14	395,5	SN522	CTL SERIES - 100		
	800			1500	95	80	20x12	447,4	SN518	CTL SERIES - 80		
				1535	105	90	22x14	468,2	SN520	CTL SERIES - 90		
				1550	115	100	25x14	512,1	SN522	CTL SERIES - 100		
				1580	125	110	28x16	538,5	SN524	CTL SERIES - 110		
	1000			1535	105	90	22x14	634,1	SN520	CTL SERIES - 90		
				1550	115	100	25x14	690,5	SN522	CTL SERIES - 100		
				1580	125	110	28x16	716,9	SN524	CTL SERIES - 110		
				1610	145	125	28x16	767,6	SN528	CTL SERIES - 125		
1000	400	1150	1390	1600	85	70	18x11	219,3	SN516	CTL SERIES - 70		
				1600	95	80	20x12	239,4	SN518	CTL SERIES - 80		
				1600	95	80	20x12	284	SN518	CTL SERIES - 80		
				1600	105	90	22x14	307,3	SN520	CTL SERIES - 90		
	500			1600	115	100	25x14	340,4	SN522	CTL SERIES - 100		
				1600	125	110	28x16	369,7	SN524	CTL SERIES - 110		
				1650	105	90	22x14	411,6	SN520	CTL SERIES - 90		
				1650	115	100	25x14	449,6	SN522	CTL SERIES - 100		
	630			1650	125	110	28x16	479	SN524	CTL SERIES - 110		
				1650	145	125	28x16	536,1	SN528	CTL SERIES - 125		
				1650	105	90	22x14	534	SN520	CTL SERIES - 90		
				1650	115	100	25x14	580,6	SN522	CTL SERIES - 100		
	800			1650	125	110	28x16	609,9	SN524	CTL SERIES - 110		
				1650	145	125	28x16	667,1	SN528	CTL SERIES - 125		
				1725	115	100	25x14	782,1	SN522	CTL SERIES - 100		
				1725	125	110	28x16	811,4	SN524	CTL SERIES - 110		
	1000			1725	145	125	28x16	868,6	SN528	CTL SERIES - 125		
				1725	155	135	32x18	910,3	SN530	CTL SERIES - 135		
				1725	125	110	28x16	1064,8	SN522	CTL SERIES - 110		
				1725	145	125	28x16	1122,1	SN524	CTL SERIES - 125		
	1250			1725	155	135	32x18	1163,6	SN528	CTL SERIES - 135		
				1725	165	140	32x18	1320	SN530	CTL SERIES - 140		
	1400	1650	1910	95	80	20x12	326,7	SN518	CTL SERIES - 80			
			1910	105	90	22x14	353,1	SN520	CTL SERIES - 90			
			1910	115	100	25x14	515,8	SN522	CTL SERIES - 100			
			1910	125	110	28x16	549	SN524	CTL SERIES - 110			
			1910	145	125	28x16	614,5	SN528	CTL SERIES - 125			
			1910	135	135	32x18	660,9	SN530	CTL SERIES - 135			
			1910	115	100	36x25	664,3	SN522	CTL SERIES - 100			
			1910	125	110	28x16	697,4	SN524	CTL SERIES - 110			
			1910	145	125	28x16	763	SN528	CTL SERIES - 125			
			1910	155	135	32x18	809,3	SN530	CTL SERIES - 135			
1200			500			1985	125	110	28x16	927	SN524	CTL SERIES - 110
						1985	145	125	28x16	992	SN528	CTL SERIES - 125
						1985	155	135	32x18	1039	SN530	CTL SERIES - 135
						1985	165	140	32x18	1132	SN532	CTL SERIES - 140
			630			1985	145	125	28x16	1277,1	SN528	CTL SERIES - 125
						1985	155	135	32x18	1323,3	SN530	CTL SERIES - 135
						1985	165	140	32x18	1446,9	SN532	CTL SERIES - 140
						1985	185	160	36x20	1541	SN532	CTL SERIES - 160



# Konveyor Rulo İstasyonu

## Conveyor Roller Station



$\alpha^\circ$

10° / 20° / 30° / 35° / 45°

İstasyon bağlantı ölçü değeri M, konveyör bant şase ölçüsüne göre değişiklik göstermektedir.

Station connection size value M varies according to the conveyor belt chassis size.

Aksi belirtilmemişçe tüm ölçüler mm cinsindendir./All dimensions are in mm unless otherwise stated.								
BELT	ØD1	E	H	L1	L2	L3	F	K
400	89	700	62	500	250	160	70	
	108		75				70	
500	60	800	62	600	315	200	65	
	89		75				65	
	85		85				65	
	108		100					
650	60	950	62	750	380	250	55	
	89		75					
	85		85					
	108		100					
800	89	1150	62	950	465	315		
	108		75					
	133		85					
1000	89	1350	75	1150	600	380		
	108		85					
	133		100					
	159		130					
1200	89	1600	85	1400	700	465		
	133		100					
	159		130					
1400	133	1800	100	1600	800	530		
	159		130					
1600	133	2050	100	1800	900	600	90	90-180
	159		130				85	
1800	133	2250	100	2000	1000	670	50	
	159		130				115	
2000	133	2500	100	2200	1100	750	110	
	159		130				105	
	194		160					
2200	159	2700	130	2500	1250	800		
	194		160					
2400	159	2950	130	2800	1400	900		
	194		160					
2600	159	3150	130	3000	1500	950		
	194		160					
2800	159	3400	130	3150	1600	1050		
	194		160					
	219		180					
3000	159	3600	130	3350	1700	1120		
	194		160					
	219		180					

**HAVALİMANI**  
*AIRPORT*



**ÇİMENTO FABRİKASI**  
*CEMENT FACTORY*



**MADEN TESİSİ**  
*MINING PLANT*



**AHŞAP İŞLEME FABRİKASI**  
*WOOD PROCESSING FACTORY*

## Fuarlar Fairs

2023  
Türkiye Madencilik  
Kongresi ve Fuarı



Mayıs 2024  
İstanbul 11. Uluslararası  
Madencilik Fuarı



Fas Ticaret Heyeti  
Maroc Commercial Meeting  
30.09.2024-03.10.2024



2022 İstanbul  
10. Uluslararası  
Madencilik Fuarı



SMOPYC 2023  
Uluslararası İnşaat, İş ve  
Maden Makineleri Fuarı



2023 Ankara  
Türkiye Madencilik  
Kongresi ve Fuarı



23. Batimatec  
2021 Cezayir  
Fuarı



2024  
18. Uluslararası Cevher  
Hazırlama Sempozyumu



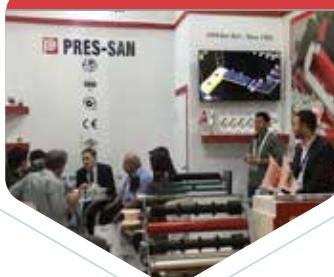
Bauma/Almanya  
07-13.04.2025



2021  
9. Uluslararası  
Madencilik Fuarı



2019  
İzmir  
8. Minex Fuarı



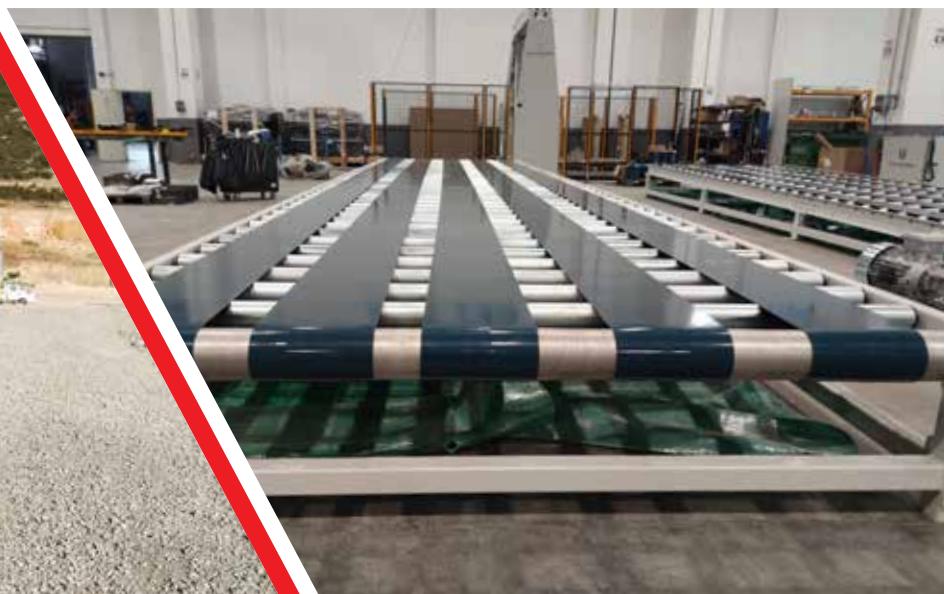
## TÜPRAG UŞAK

TÜPRAG UŞAK



## YATAK ÜRETİM HATTI

MATTRESS PRODUCTION LINE



## TAŞ KIRMA ELEME TESİSİ

STONE CRUSHING SCREENING PLANT



## ŞİŞELEME-PAKETLEME HATTI

BOTTLE FILLING LINE

# TSE ONAYLI RULO DENYEY LABORATUVARI

## TSE CERTIFIED ROLLER TEST LABORATORY

### Su Testi *Water Proof Test*



### Salgı Testi *Secretion Test*



### Sürtünme Testi *Friction Test*



### Eksenel Kayma Ve Baskı Dayanım *Axial Deflection and Compressive Strength*



### Toz Testi *Dust Proof Test*



“

**+40 yıllık tecrübe ve  
konusunda uzman kadro**

*More than 40 years of  
experience and  
expert staff*



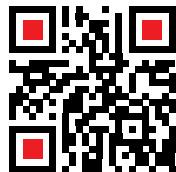
# Referanslar

## References





**EN 1090 A1:2011 EXC2**



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