

g nmak[®]

G NEY DEĐİRMEN MAKİNA VE HELEZON

Since 1975



GENERAL CATALOG

gunmak®

Since 1975

MAKİNA

HELEZON

DIŞ TİCARET

Sektöründe
Yarım Asırlık Tecrübe



HAKKIMIZDA

1975 yılında kurulan GÜNMAK Güney Değirmen Makina ve Helezon San. Tic. Ltd. Şti. , çalışmalarını kendi olarak ve imkanlarıyla bulgur ve kırmızı mercimek sistemleri üzerine yoğunlaştırmıştır. Bu sektördeki makina tasarımı ve yan sanayi destekli imalatını gerçekleştiren GÜNMAK, zaman içerisinde bu sektörde sayılı üretim teknolojisine sahip olmuştur. Daha sonraki yıllarda kendi çalışmaları sonucu üretime başladığı soğuk çekme helezon imalatını diğer üretimleri ile birleştirmiştir. Günümüzde birçok sektörde kullanılan soğuk çekme helezon imalatında sayılı firmalar arasında yer almaktadır.

GÜNMAK; makine imalatının yanı sıra özellikle bulgur ve kırmızı mercimek sektöründe anahtar teslimi ve know-how projeler hazırlayarak bu sektörün teknolojisini ve sistemlerini geliştirmektedir. Bulgur ve mercimek sektöründe üretim prosesini ve akış diyagramlarını geliştirerek bu sistemlere uygun makina ve tasarımlarını sürekli yenileyen GÜNMAK, bulgur ve kırmızı mercimek işleme teknolojisinin ilerlemesinde ve fabrika kurulumunda ilk sıralarda yer almaktadır.

TÜBİTAK-TİDEB' in desteğini de alarak, KOSGEB ve Gaziantep Üniversitesi ile AR-GE çalışmalarına devam etmektedir.

ABOUT US

GUNMAK founded in 1975; Guney Milling Machinery and Screw Conveyor Ind. Ltd. Co. , has been focused on wheat, bulgur and lentil operating systems within its own conditions and opportunities. GUNMAK styling machines in the industry and manufacturing by-products industry and manufacturing by-products industry supported machines, has owned the foregoing production technology in this industry in a while. In the following years, with its own studies, it has gathered cold fusion spiral production with other sections of the production. Recently it has been in the bases of cold fusion spiral production which is used in a lot of sections of the industry.

Besides machine production, GUNMAK has been developing the technology and systematics of the section with completed projects and know-how projects in the wheat, bulgur and lentil industry. Renewing proper machine and designs for those systems with developing production process and flow diagrams in wheat, lentil and lentil section, GUNMAK has been on top of the wheat, bulgur and red lentil operating technology development and factory installations.

With the support of TUBITAK-TİDEB, it has been continuing its R&D studies with KOSGEB and Gaziantep University.



HUBUBAT TEMİZLEME (Havali)
GRAIN CLEANING (With Air)
تنظيف (تنقية) الحبوب (بالهواء)



HT 20-18-D



HT 12-18-S

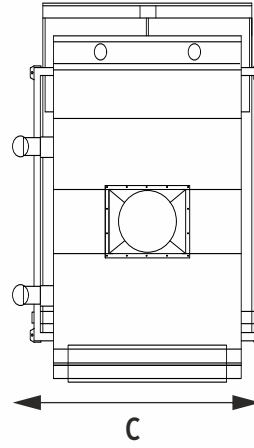
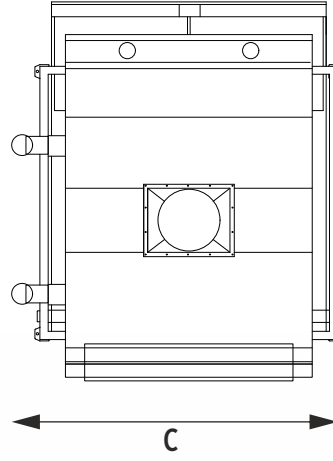
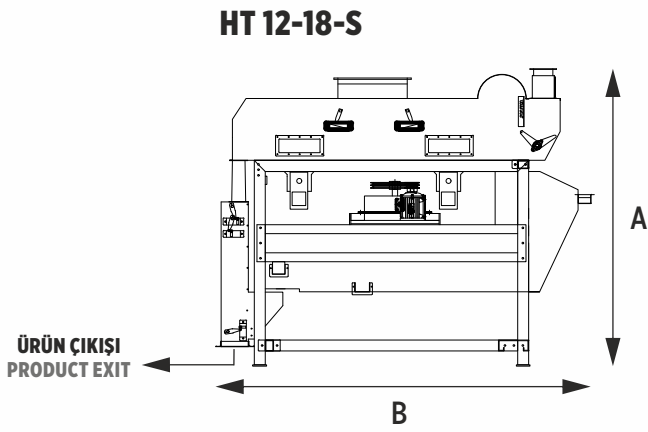
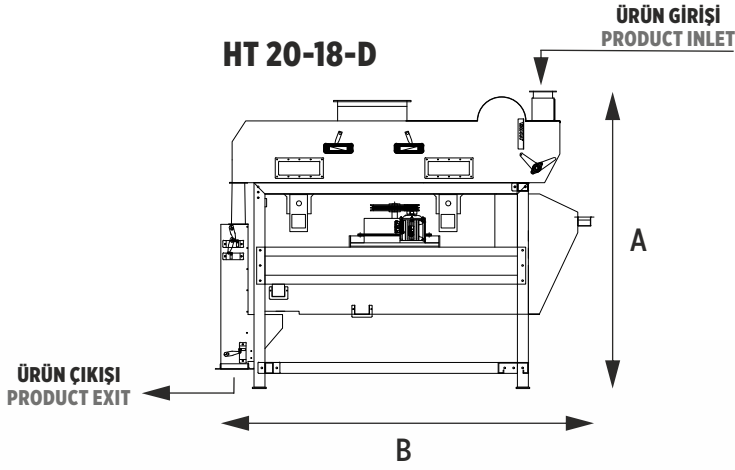
Hububat içindeki yabancı maddelerin temizleme işleminde kullanılır. Şanzıman salınımlı ve havali temizleme özelliklerine sahiptir.

It is used for cleaning impurities in cereals. It has gear box ascillating and air cleaning features.

تستخدم هذه الآلة لتنظيف وتنقية الحبوب
من المواد الغريبة الداخلة فيها وتتميز - بحركة تارجحية من علبة السرعة - والتنظيف باستخدام الهواء



Tane Bölücü / Grain Separator



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	ELEME ALANI Screen Area	HAVA Air	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C						
HT 20-18-D	2200	2800	2450	1,5 0,37 x 2	Temizleme Cleaning ~ 12 Ön Temizleme Pre Cleaning ~ 30	8,40 m ²	~ 120 m ³ /dk ~ 200 mmSS	~ 1900	7,00 m ² 15,00 m ³
HT 12-18-S	2200	2800	1600	1,5 0,37 x 2	Temizleme Cleaning ~ 6 Ön Temizleme Pre Cleaning ~ 15	4,80 m ²	~ 80 m ³ /dk ~ 200 mmSS	~ 1200	4,50 m ² 9,80 m ³

Natürel Mercimek
Natural Lentil



Kırık Tane - Yabancı Madde
Broken Grain - Extraneous Matter



Temiz Mercimek
Clean Lentil



Natürel Buğday
Natural Wheat



Kırık Buğday
Broken Wheat



Kontrol Çıkışı - Uzun Tane
Control Exit - Long Grain



Temiz Buğday
Clean Wheat



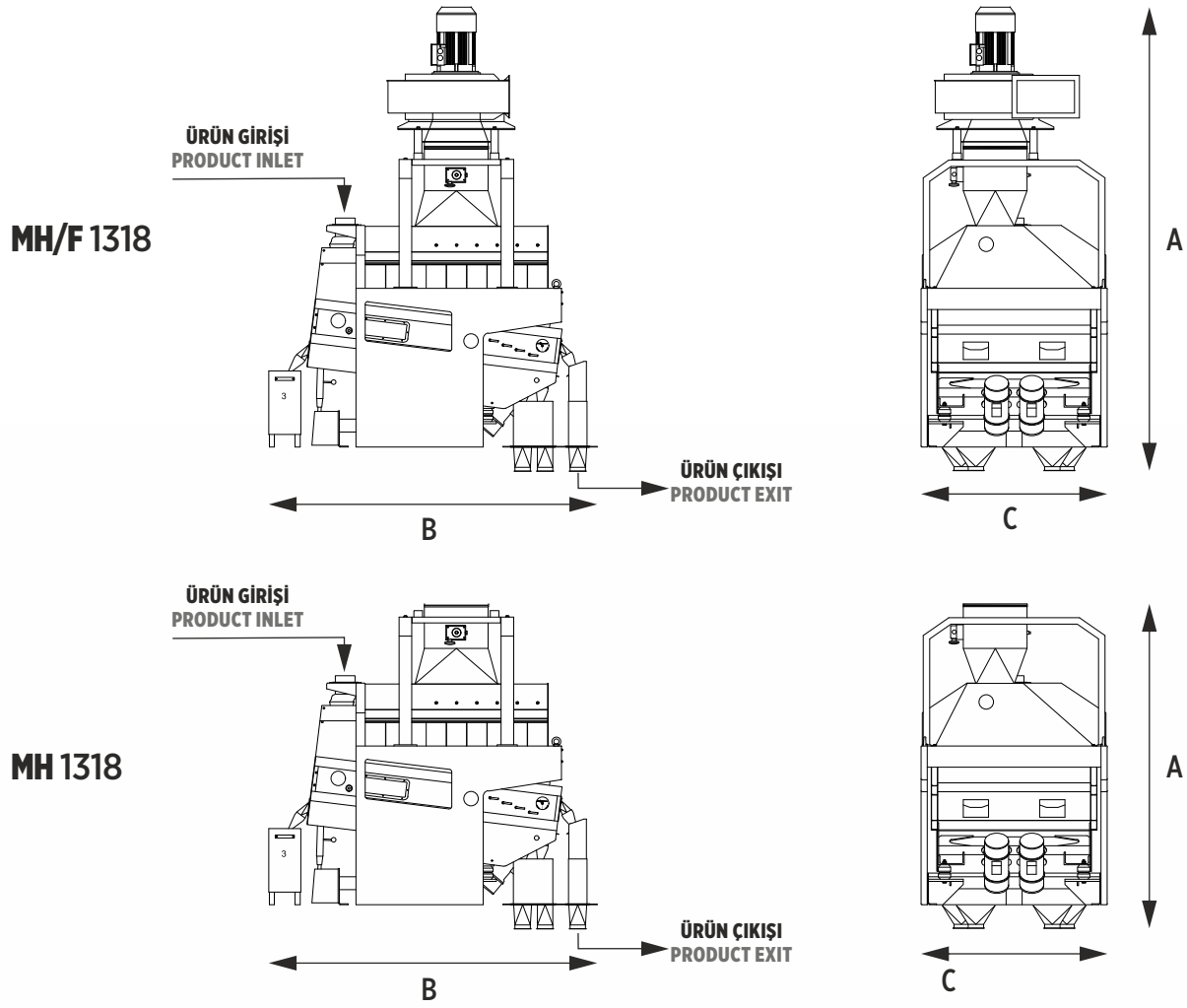
MULTINATÖR HUBUBAT TEMİZLEME
MULTINATOR GRAIN CLEANING
آلة تنظيف الحبوب (متعدد الوظائف)

**MH/F 1318****MH 1318**

Hububat içerisinde bulunan taş, kırık ve hafif tanelerin ayrışımını sağlamaktadır.

It provides the separation of stone, broken and light grains in the cereals

تستعمل هذه الآلة من أجل فصل الأحجار الموجودة مع الحبوب وكذلك الحبوب غير السليمة (المكسورة) والحبيبات خفيفة الوزن



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	ELEME ALANI Screen Area	HAVA Air	FAN MOTORU Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C							
MH/F 1318	3500	2500	1500	0,45 x 2	~ 12	4,80 m ²	~ 160 m ³ /dk ~ 300 mmSS	~ 18,5	1280	4,00 m ² 13,00 m ³
MH 1318	2400	2500	1500	0,45 x 2	~ 12			---	880	4,00 m ² 9,00 m ³

Temiz Mercimek
Clean Lentil



Taş
Stone



Temiz Buğday
Clean Wheat



Hafif - Kırık Tane
Gravit Grain - Broken Grain



Taş
Stone



ULTRA TRIYÖR (Buğday | Mercimek | Pirinç)**ULTRA TRIEUR (Wheat | Lentil | Rice)**

اولترا تريور (القمح-العدس-الرز)

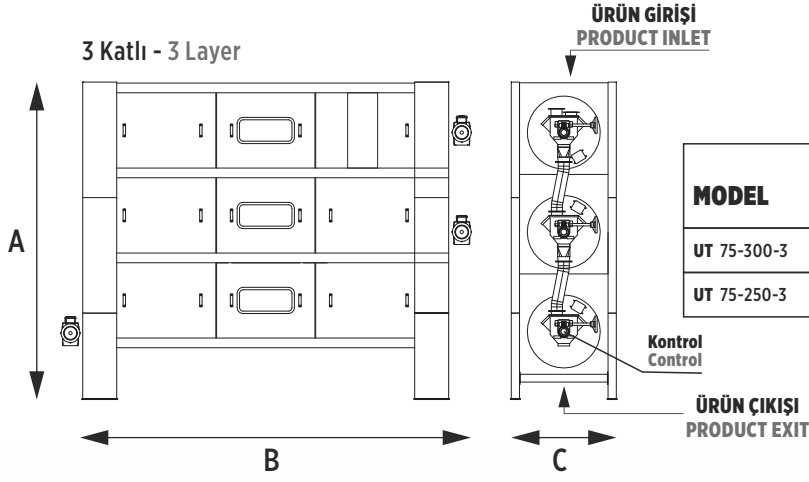
**UT 75-250**
UT 75-300**3 Katlı - Kontrollü Triyör**
3 Layer Trieur With Control**UT 75-250**
UT 75-300**2 Katlı Triyör**
2 Layer Trieur**UT 75-250**
UT 75-300**Tek Katlı Triyör**
Single Layer Trieur**Damla Baskı Triyör Sacı**
Drop Clutech Type Trieur Sheet**Triyör iç kesit**
Trieur Inner

Ultra triyör, buğday, mercimek içerisinde bulunan temizlemede ayrışımı sağlanamayan uzun tane, tohum ve kırık tanelerin ayrışımını sağlamaktadır. Pirinçte kırık tane ayrımını sağlamaktadır.

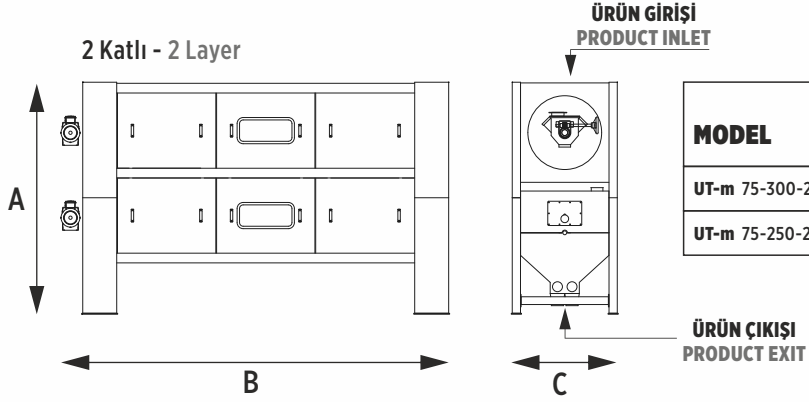
It provides separation of long grain and seed broken grains that cannot be separated in cleaning in wheat, lentil and rice

تستخدم هذه الآلة في حال تعذر تنظيف وتنقية وفصل القمح والعدس من الحبيبات الطويلة من خلال الآلات التي سبقتها وكذلك البذور والحبيبات غير السليمة

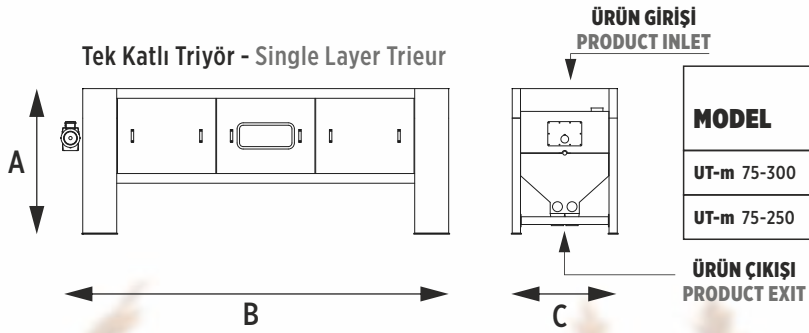
اما بالنسبة للرز: تستخدم لفصل الحبيبات غير السليمة



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
UT 75-300-3	3350	4200	1100	2,2x3	Buğday Wheat - 8,0 Mercimek Lentil - 9,0	2840	4,60 m ² 15,50 m ³
UT 75-250-3	3350	3700	1100	2,2x3	Buğday Wheat - 6,0 Mercimek Lentil - 7,0	2520	4,10 m ² 13,70 m ³



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
UT-m 75-300-2	2150	4200	1100	2,2x2	~ 9,0	1890	4,60 m ² 10 m ³
UT-m 75-250-2	2150	3700	1100	2,2x2	~ 7,0	1680	4,00 m ² 9 m ³



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
UT-m 75-300	1300	4200	1100	2,2	~ 4,5	950	4,60 m ² 6 m ³
UT-m 75-250	1300	3700	1100	2,2	~ 3,7	840	4,00 m ² 5,3 m ³

Natürel Mercimek
Natural Lentil



Kırık Tane - Yabancı Madde
Broken Grain - Extraneous Matter



Temiz Mercimek
Clean Lentil



Pirinç Kırığı
Broken Rice



Natürel Buğday
Natural Wheat



Kırık Buğday
Broken Wheat



Kontrol Çıkışı - Uzun Tane
Control Exit - Long Grain



Temiz Buğday
Clean Wheat





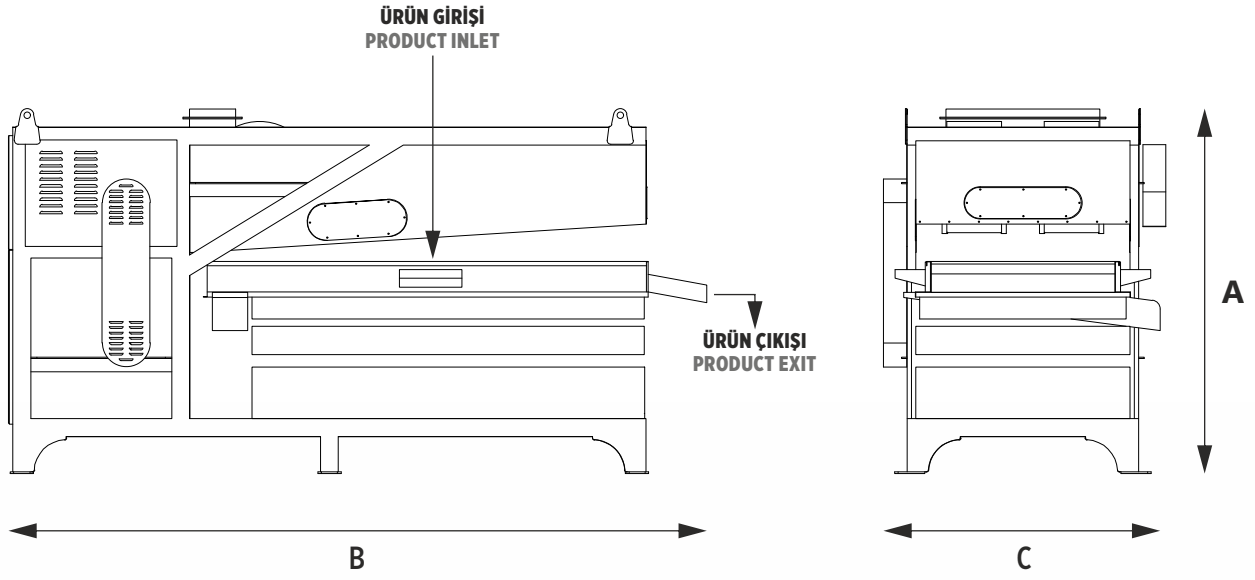
HAFİF TANE AYIRICI (KAPALI SİSTEM) Buğday | Mercimek | Bakliyat
GRAVITY GRAIN SEPARATOR (CLOSED SYSTEM) Wheat | Lentil | Pulses
فاصل الحبيبات الخفيفة (نظام مغلق) القمح- العدس- البقوليات

HTA 11/25

Hafif tane ayırıcı, hububat içindeki yabancı hafif ve cılız tanelerin ayrışmasını sağlamaktadır. Sistem kapalı dizayn edilmiş olup dışarı toz atmamaktadır. Hava beslemesi kendi içindedir.

It provides the separation of foreign, light and weak grains in the cereals. The system is designed as closed and does not throw dust out. Air supply is in itself.

تستخدم هذه الآلة لفصل الحبوب السليمة من المواد والاجسام الخفيفة الوزن والضعيفة وغير المرغوبة وصممت الآلة بنظام مغلق لمنع انتشار الغبار الى الوسط المحيط. ونظام التغذية بالهواء داخلي (ذاتي التغذية)



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	FAN MOTORU Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C					
HTA 11/25	2000	3950	1650	1,5	Buğday ~ 5 Mercimek ~ 5	11x2	~ 2110	6,60 m ² 13,00 m ³

Natürel Mercimek
Natural Lentil



Kırık Tane - Yabancı Madde
Broken Grain - Extraneous Matter



Temiz Mercimek
Clean Lentil



Natürel Buğday
Natural Wheat



Kırık Buğday
Broken Wheat



Temiz Buğday
Clean Wheat



Nohut
Chickpea



Fasulye
Beans



Mısır
Corn



EKSANTRİK Z TİP ELEK

Z TYPE SIEVE WITH ECCENTRIC

غربال من النوع (زد . Z) اكسنترك (لا مركزي)

Z 4 KAT | 4 LAYER



Z 3 KAT | 3 LAYER



Z 2 KAT | 2 LAYER



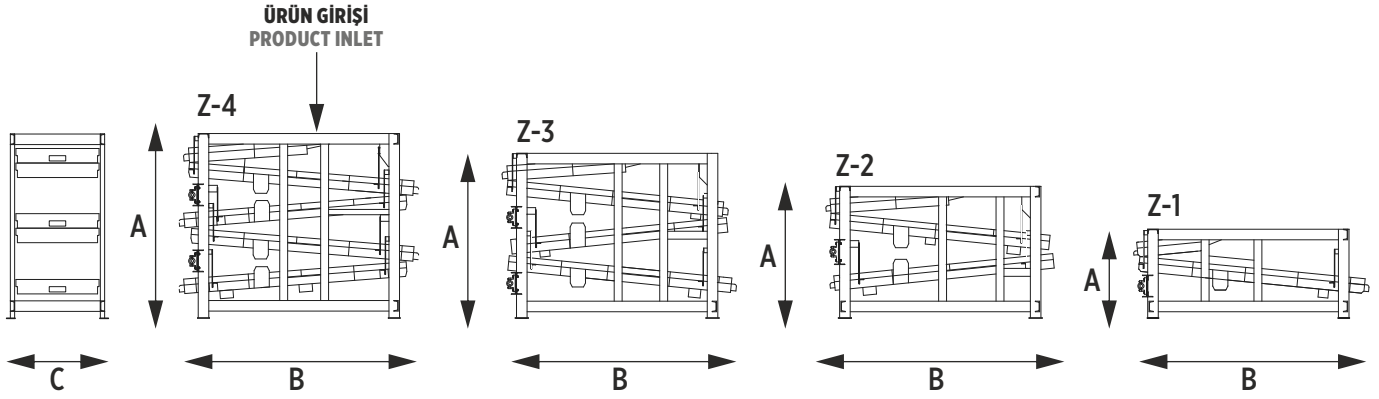
Z TEK KAT | SINGLE LAYER



Bulgur ve mercimek üretim tesislerinde ürünün sınıflandırma işlemlerinde kullanılmaktadır. Kapasiteye göre farklı ölçülerde üretilebilmektedir. Ayrıca geri dönüşüm vb. tesislerde de kullanılmaktadır.

It is used in the classification processes of the product in the bulgur and lentil production facilities. It can be manufactured in different sizes according to capacity. It is also used in recycling facilities etc.

تستخدم هذه الآلة في أعمال تصنيف المنتج في منشآت إنتاج البرغل والعدس. حيث يتم إنتاج مثل هذه الآلات حسب الاستطاعة الانتاجية (الطاقة الانتاجية) وحسب الحجم المختلفة. كما تستخدم في منشآت إعادة التدوير (الريسيكل) وما شابهها.



MODEL	ÖLÇÜLER Dimensions (mm)			ELEK EBATİ Sieve Size	ELEME ALANI Sifting Area (m ²)	KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C						
EZE 1000	1200	2950	1500	1000x2400/1	3.20	~ 4,0	2,2	900	~ 4,50 m ²
	1200	3750	1500	1000x3200/1	4.00	~ 4,0	2,2	1110	~ 5,60 m ²
EZE 1000	1700	2950	1500	1000x2400/2	5.60	~ 4,0	2,2	1350	~ 4,50 m ²
	1700	3750	1500	1000x3200/2	7.20	~ 4,0	2,2	1410	~ 5,60 m ²
EZE 1000	2200	2950	1500	1000x2400/3	8.00	~ 4,0	2,2x2	1850	~ 4,50 m ²
	2200	3750	1500	1000x3200/3	10.40	~ 4,0	2,2x2	2100	~ 5,60 m ²
EZE 1000	2800	2950	1500	1000x2400/4	10.40	~ 4,0	2,2	2350	~ 4,50 m ²
	2800	3750	1500	1000x3200/4	13.60	~ 4,0	2,2	2550	~ 5,60 m ²
EZE 1250	1350	2950	1750	1250x2400/1	4.00	~ 5,0	2,2	970	~ 5,20 m ²
	1350	3750	1750	1250x3200/1	5.00	~ 5,0	2,2	1210	~ 6,60 m ²
EZE 1250	2000	2950	1750	1250x2400/2	7.00	~ 5,0	2,2	1370	~ 5,20 m ²
	2000	3750	1750	1250x3200/2	9.00	~ 5,0	2,2	1680	~ 6,60 m ²
EZE 1250	2500	2950	1750	1250x2400/3	10.00	~ 5,0	2,2	1900	5,20 m ²
	2500	3750	1750	1250x3200/3	13.00	~ 5,0	2,2x2	2420	6,60 m ²
EZE 1250	2800	2950	1750	1250x2400/4	13.00	~ 5,0	2,2	2400	5,20 m ²
	2800	3750	1750	1250x3200/4	17.00	~ 5,0	2,2x2	2720	6,60 m ²

Kalibre 1
Caliber 1



Kalibre 2
Caliber 2



Futbol Tipi Mercimek
Football Type Lentil



Yaprak Tipi Mercimek
Leaf Type Lentil



Başbaş Bulgur
Unbroken Bulgur



Pilavlık Bulgur
Coarse Bulgur



Orta (Midyat) Bulgur
Middle Type Bulgur

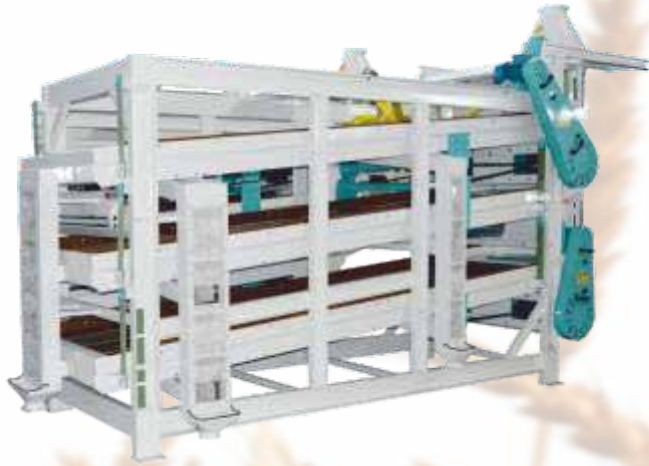


Köftelik Bulgur
Fine Type Bulgur



EKSANTRİK HÜMMER TİP KATLI ELEK
HUMMER TYPE LAYER SIEVE WITH ECCENTRIC
غربال ذو طبقات اكسنترك (لا مركزي). نوع هامر

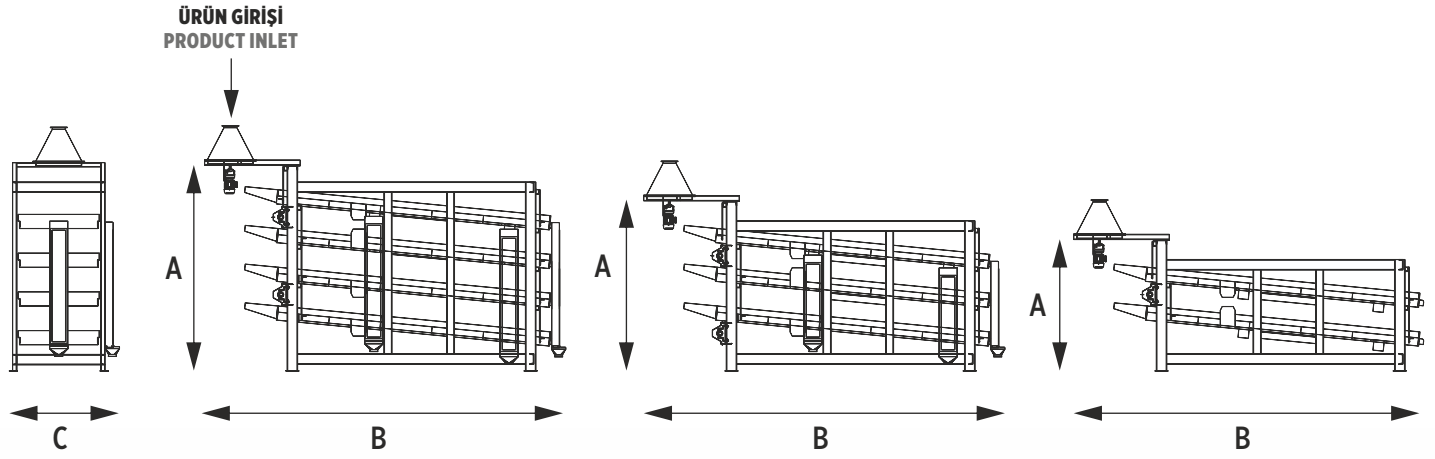
EHK 1250



Mercimek üretim tesislerinde yarı mamül ürünün sınıflandırma işlemlerinde kullanılmaktadır. Elek üzerindeki ürün dağıtıcı ürünün katlara eşit dağılımını sağlamaktadır.

In lentil production facilities, it is used in the classification process of semi-finished products. The product distributor on the sieve ensures that the product is distributed evenly across the layers.

تستخدم هذه الآلة في منشآت إنتاج العدس حيث ان العدس الذي خضع لنصف اعمال التشغيل يجب ان يمر عبر هذا الغربال من اجل التصنيف
موزع المنتج الموجود فوق الغربال عمله توزيع المنتج بالتساوي الى طبقات الغربال



MODEL	ÖLÇÜLER Dimensions (mm)			ELEK EBATİ Sieve Size	ELEME ALANI Sifting Area (m ²)	KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C						
HE 1250	2000	4300	1750	1250x3200/2	8.00	~ 5,0	2,2 0,37	2050	~ 7,50 m ² ~ 15,00 m ³
HE 1250	2580	4300	1750	1250x3200/3	12.00	~ 7,0	2,2x2 0,37	2470	~ 7,50 m ² ~ 20,00 m ³
HE 1250	3200	4300	1750	1250x3200/4	16.00	~ 9,0	2,2x2 0,37	2890	~ 7,50 m ² ~ 24,00 m ³
HE 1250	2000	5100	1750	1250x4000/2	10.00	~ 5,0	2,2 0,37	2220	~ 9,00 m ² ~ 18,00 m ³
HE 1250	2680	5100	1750	1250x4000/3	15.00	~ 7,0	2,2x2 0,37	2750	~ 9,00 m ² ~ 24,00 m ³
HE 1250	3200	5100	1750	1250x4000/4	20.00	~ 9,0	2,2x2 0,37	3280	~ 9,00 m ² ~ 29,00 m ³

Futbol Tipi Mercimek
Football Type Lentil



Yaprak Tipi Mercimek
Leaf Type Lentil

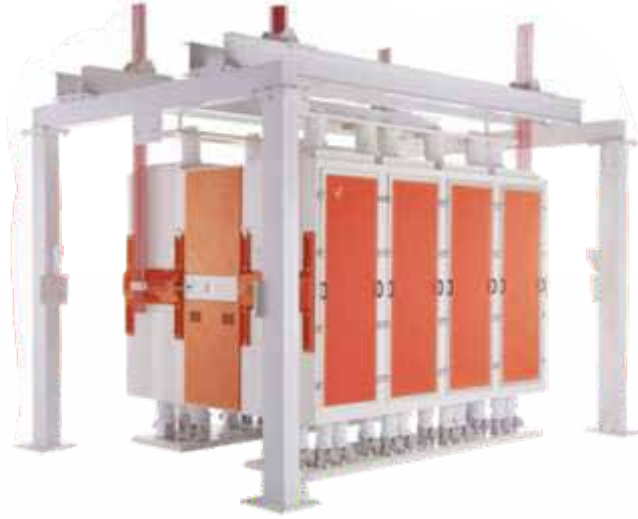


Kırık Mercimek
Broken Lentil

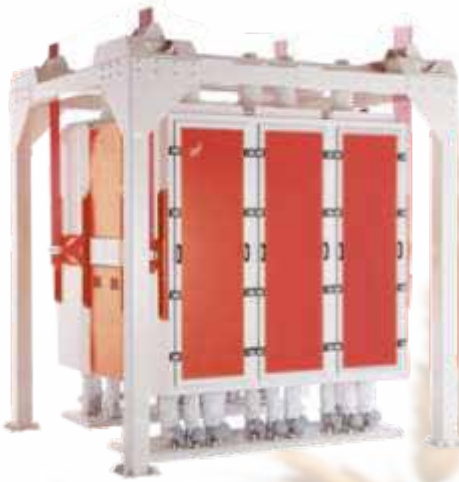


KARE ELEK BULGUR MERCİMEK SINIFLANDIRMA
SQUARE SIEVE CLASSIFICATION OF BULGUR - LENTIL
المنخل (الغربال) المربع تصنييف البرغل والعدس

KE 8/28



KE 6/28



KE 4/28

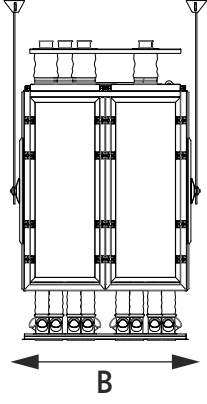
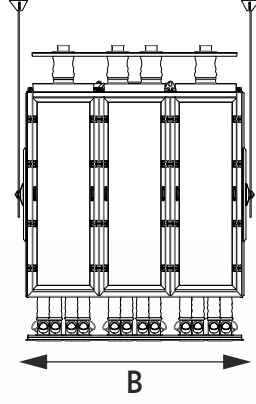
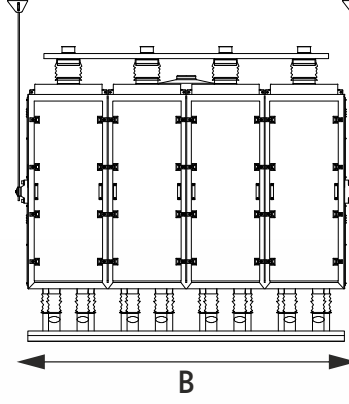
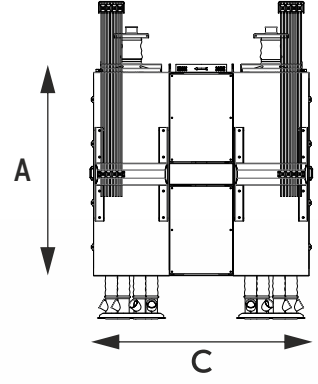


Bulgur ve mercimek için dizayn edilmiş sınıflandırma eleği, minimum sınırlı alanlarda mümkün en yüksek eleme alanı için tasarlanmıştır. Kapalı sistem, formika kasalı, kabin içleri krom kaplamadır. Montaj şekli: Şaseli veya bina tavanına bağlantı sistemlidir.

The classifying sieve designed for the highest sifting area in limited areas for bulgur and lentils interiors are chrome plated.

Assembly Type: It has a chassis or connection system to the building ceiling.

صمم غربال التصنيف من اجل البرغل والعدس
تم تصميمه في المساحات المحدودة الدنيا من اجل الحصول على أعلى مساحات الغربلة . انه نظام مغلق . الاطارات من الفورميكا
وداخل الكابين تلبس كروم . ويكون شكل التركيب : اما على شاسيه او على شكل نظام تعليق بالسقف

**KE 4/28****KE 6/28****KE 8/28****KE 4/28****KE 6/28****KE 8/28**

MODEL	ÖLÇÜLER Dimensions (mm)			ELEK KASASI Sieve Frame	ELEME ALANI Screen Area (m ²)	KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C						
KE 4/28	2200	1760	2360	640x640	35.00	~ 5,0	3,0	~ 2900 Şase Haric Excluding Chassis	~ 4,00 m ² ~ 10,00 m ³
KE 6/28	2200	2500	2360	640x640	55.00	~ 7,0	4,0	~ 3800 Şase Haric Excluding Chassis	~ 6,00 m ² ~ 13,00 m ³
KE 8/28	2200	3250	2360	640x640	75.00	~ 10,0	5,5	~ 4700 Şase Haric Excluding Chassis	~ 7,70 m ² ~ 17,00 m ³

Başbaş Bulgur
Unbroken Bulgur**Pilavlık Bulgur**
Coarse Type Bulgur**Orta (Midyat) Bulgur**
Middle Bulgur**Köftelik Bulgur**
Fine Type Bulgur**Bulgur Unu**
Bulgur Flour

LAE

Analiz Eleği | Analysis Sieve
Buğday - Mercimek | Wheat - Lentil

**LAD**

Analiz Değirmeni | Analysis Mill
Mercimek | Lentil



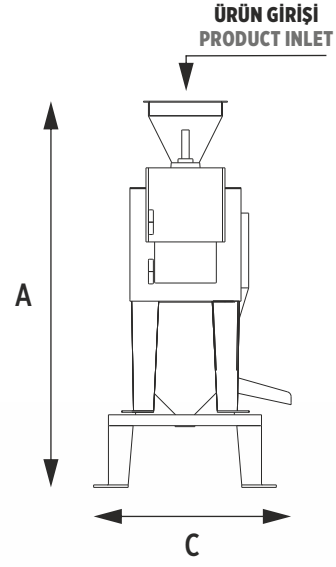
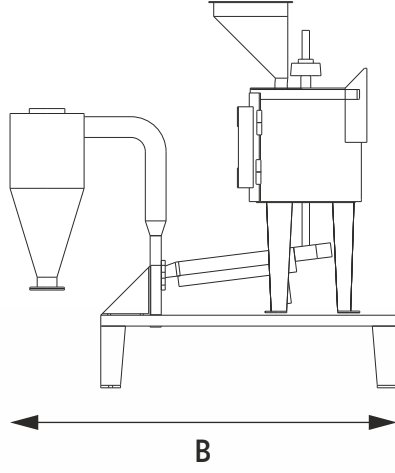
Natürel mercimeğin temizlenip kabuğu soyularak randıman analizlerinin yapılmasında kullanılmaktadır.

It is used analysis of the yield for cleaned and peeled natural lentils.

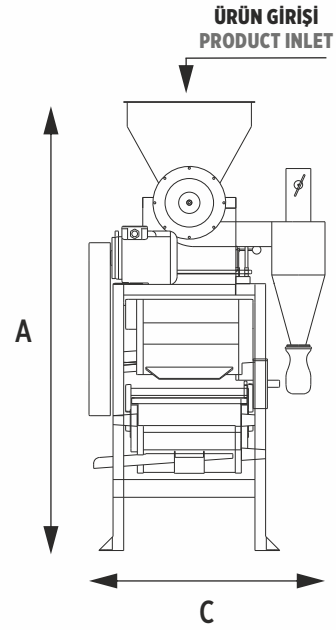
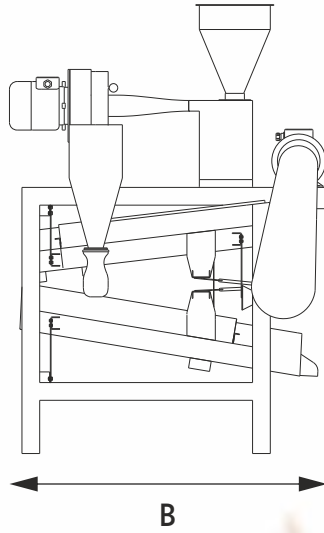
تستخدم هذه الآلة تحليل مقياس الكفاءة للعدس الطبيعي المنظف (المنقى) والمقشور



LAE



LAD



MODEL	ÖLÇÜLER Dimensions (mm)			ELEK EBATİ Sieve Size (mm)	ELEK ELANI Screen Area (m ²)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C					
LAE Analiz Eleği Analysis Sieve	1300	900	700	320x640	0.20	0,37 0,25	100	0,70 m ² 1,00 m ³
LAD Analiz Değirmeni Analysis Mill	800	800	400	-	-	0,37 0,25	60	0,40 m ² 0,50 m ³

Natürel Buğday
Natural Wheat



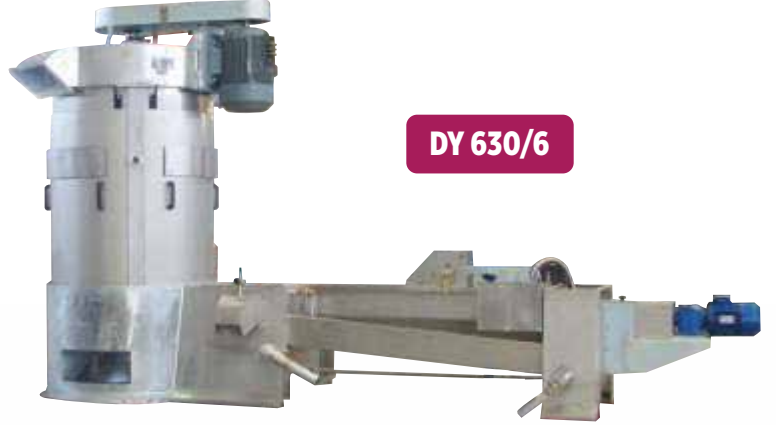
Natürel Mercimek
Natural Lentil



DİK YIKAMA BUĞDAY (Paletli)**VERTICAL WASHING WHEAT (With Pallet)**

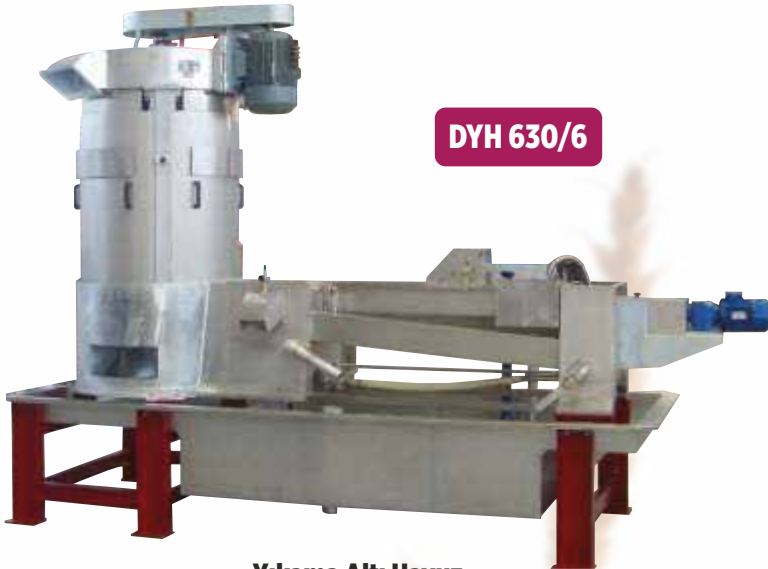
آلة غسيل القمح الشاقولية (ذات الزعانف)

Palet Kesiti
Pallet Cross Section



DY 630/6

YIKAMA / WASHING: 304 SS
ŞASE / CHASSIS : S 235



DYH 630/6

Yıkama Altı Havuz
Pool Under Washing



Kurutma Panjur
Delikli Sacı
Drying Shutter
Perforated Sheet

Temizlemede alınamayan, buğdaydan hafif kavuz türü yabancı maddeleri ve buğdaydan ağır taş vb. materyalleri ayıklamaktadır.

Bulgur, un ve irmik fabrikalarında tercihli kullanılmaktadır.

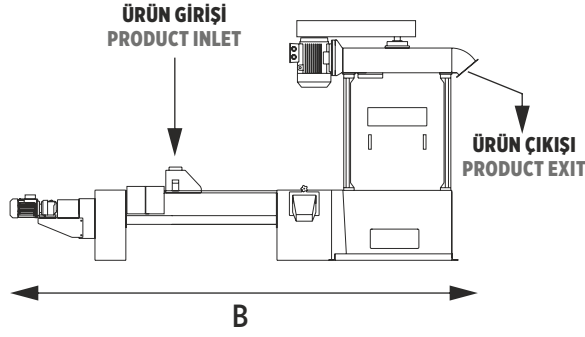
It removes light husk-type impurities from wheat that are not separated in cleaning. Heavy stone, materials etc. form of wheat.

This machine used in bulgur, flour and semolina factories.

هذه الآلة تفصل المواد والأجسام الغريبة الخفيفة الموجودة مع القمح والتي لم تتم إزالتها في مرحلة التنظيف وكذلك المواد التي هي أثقل من القمح مثل الحجر ومكوناته
يفضل استعمال هذه الآلة في منشآت البرغل ومطاحن الطحين والسميد

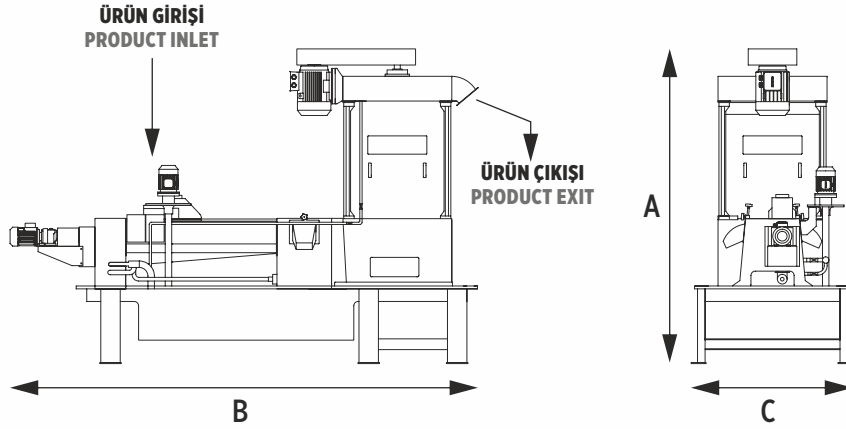


DY 630/6



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
DY 630/6	2230	4230	1200	7,5 1,5	~5	~ 1350	~5,00 m ² ~11,5 m ³

DYH 630/6



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
DYH 630/6	2200	4250	1750	7,5 1,5 1,1 Santrifüj	~5	~ 1800	~7,50 m ² ~21,00 m ³

Temizlenmiş Buğday
Cleaned Wheat



Yıkama Öncesi
Before Washing

Yıkanmış Buğday
Washed Wheat



Yıkama Sonrası
After Washing

Kavuz
Husk



Taş
Stone



ÖN YIKAMA BUĞDAY (Havuzlu)
WHEAT PRE-WASH (With Pool)
آلة الغسيل الأولي للقمح (مع حوض)

ÖYH 165

Santrifüj
Centrifuge

YIKAMA/WASHING 304 SS
ŞASE/CHASSIS: S 235

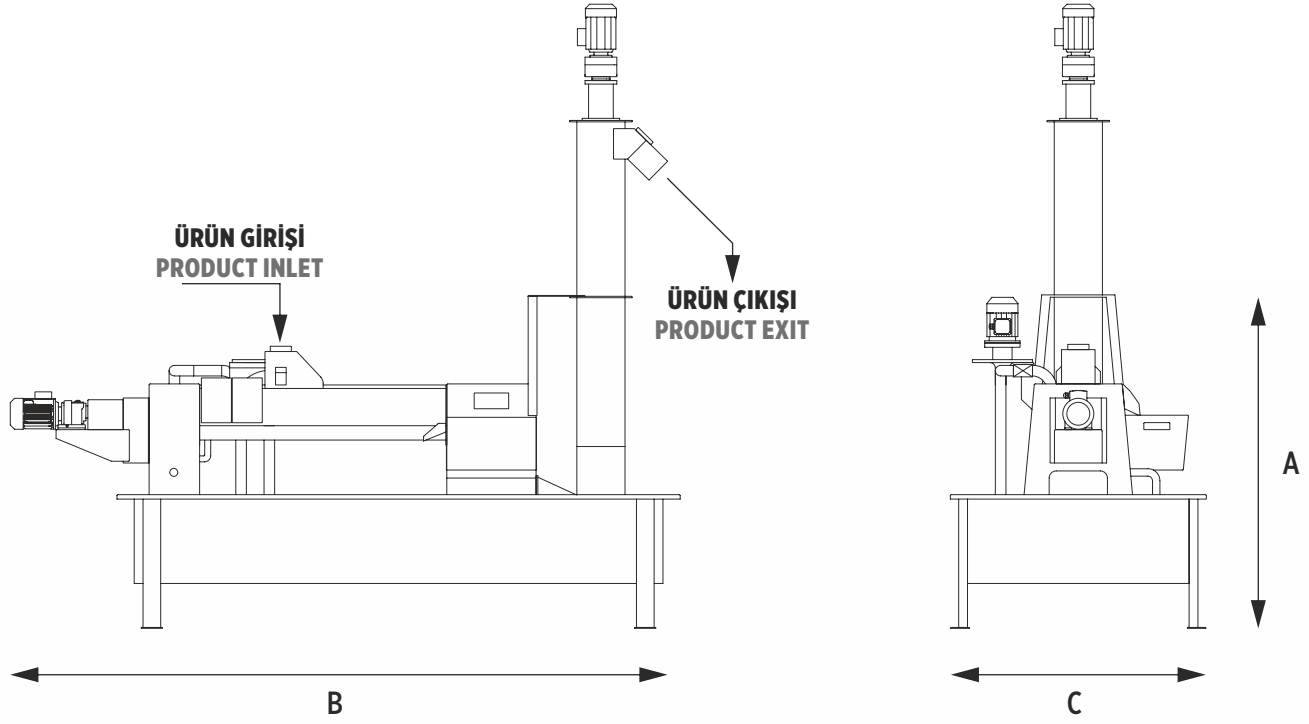


GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Piştirme öncesi kirli buğdayı su ile yıkamaktadır.
Temizlemede alınamayan, buğdaydan hafif kavuz türü yabancı maddeleri ve buğdaydan ağır taş ve materyalleri ayıklamaktadır.

Washes dirty wheat with water before cooking.
It removes light husk-type impurities from wheat that are not separated in cleaning and heavy stones and materials from wheat.

يتم من خلال هذه الآلة غسل القمح غير التنظيف قبل عملية الطبخ
هذه الآلة تفصل المواد والأجسام الغريبة الخفيفة الموجودة مع القمح والتي لم تتم إزالتها في مرحلة التنظيف وكذلك المواد التي هي أثقل من القمح مثل
الحجر ومكوناته



MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
ÖYH 165	1900	3550	1450	1,5 1,5 1,1 Santrifüj	~5	~ 750	~5,20 m ² ~10,00 m ³

Temizlenmiş Buğday
Cleaned Wheat



Yıkama Öncesi
Before Washing

Yıkanmış Buğday
Washed Wheat



Yıkama Sonrası
After Washing

Kavuz
Husk



Taş
Stone





OTOMATİK HUBUBAT PIŞİRME ÜNİTESİ (Buhar Sistemli)
AUTOMATIC GRAIN COOKING UNIT (With Steam System)
وحدة طبخ الحبوب اليا" (نظام البخار)

OHP 1750

Piştirme Kazanı
Cooking Boiler



316 SS

Üst Kapak / Top Cap

Süzek / Filter

Buhar Serpantini
Steam Coil

Kazan / Boiler



Demonte
Dissamble System

OHP 1920

Piştirme Kazanı
Cooking Boiler



316 SS

OHP 2650

Piştirme Kazanı
Cooking Boiler



316 SS

GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT / مشروع البحث والتطوير ل غون ماك

Temizlenmiş HUBUBATIN; haşlama, piştirme ve dinlendirme işlemlerinin tam otomasyonlu bir sistemle yapılmasını sağlamaktadır.

Sistem PLC ünitesinden operatör tarafından izlenmektedir.

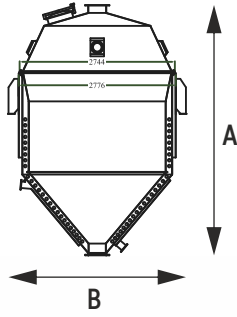
It ensures that the boiling, cooking and resting processes of cleaned grains are carried out with a fully automatic system. The system is monitored by the operator from the PLC unit.

تأمين سلق وطبخ وترريح (فترة انتظار وراحة) للحبوب المنظفة النقية بنظام مؤتمت .
يجري العمل من خلال وحدة التحكم بي ال سي PLC من قبل المراقب العملياتي



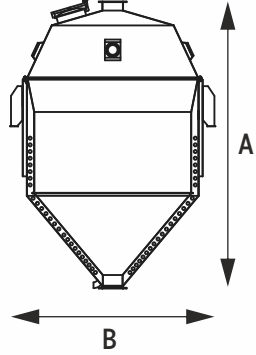
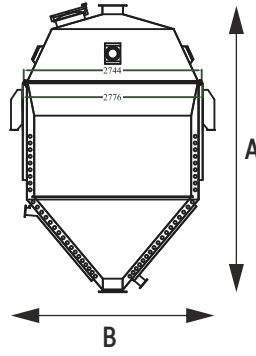
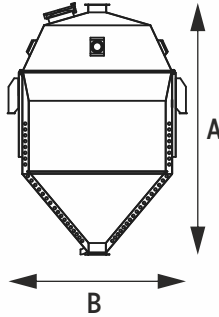
OHP 1750
Pişirme Ünitesi
Cooking Unit

Haşlama
Boiling



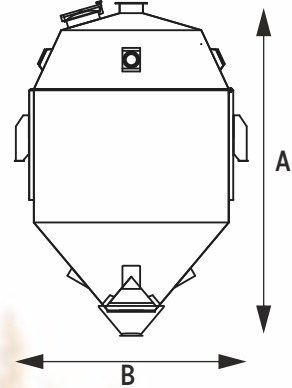
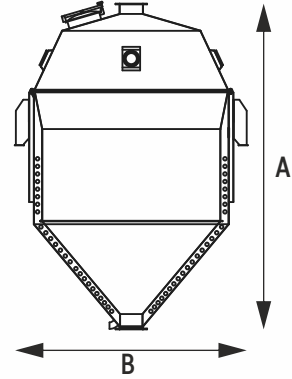
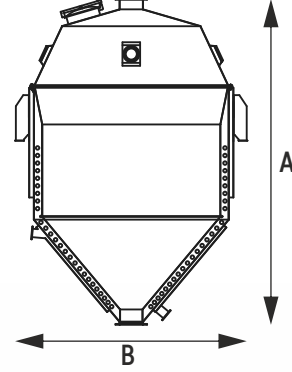
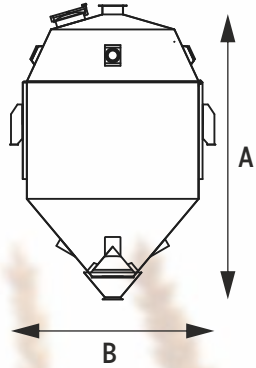
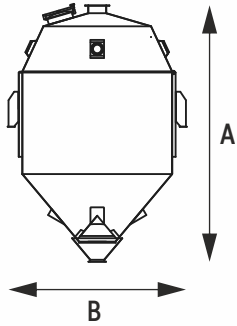
OHP 1920
Pişirme Ünitesi
Cooking Unit

Pişirme
Cooking



OHP 2650
Pişirme Ünitesi
Cooking Unit

Dinlenme
Resting

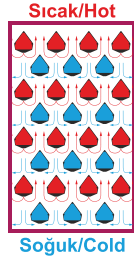
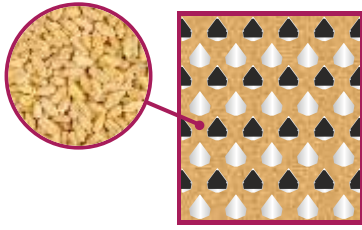


MODEL	OTOMATİK HUBUBAT PİŞİRME AUTOMATIC GRAIN COOKING	ÖLÇÜLER Dimensions (mm)		KAPASİTE Capacity (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
		A	Ø B			
OHP 1750	Haşlama Kazanı Boiling Boiler	3230	1860	~ 2,5	~ 1050	6,00 m ²
	Pişirme Kazanı Cooking Boiler	3230	1860	~ 2,5	~ 1050	6,00 m ²
	Dinlenme Kazanı Resting Boiler	3100	1860	~ 4,0	~ 545	5,70 m ²
OHP 1920	Haşlama Kazanı Boiling Boiler	3590	2070	~ 3,5	~ 1510	7,50 m ²
	Pişirme Kazanı Cooking Boiler	3590	2070	~ 3,5	~ 1510	7,50 m ²
	Dinlenme Kazanı Resting Boiler	3380	2070	~ 6,0	~ 750	7,00 m ²
OHP 2650	Haşlama Kazanı Boiling Boiler	4425	2760	~ 5,0	~ 1890	12,00 m ²
	Pişirme Kazanı Cooking Boiler	4425	2760	~ 5,0	~ 1890	12,00 m ²
	Dinlenme Kazanı Resting Boiler	4200	2760	~ 8,0	~ 950	11,50 m ²

HUBUBAT KURUTMA KULESİ

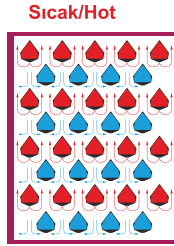
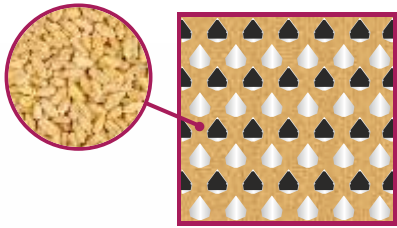
GRAIN DRYING TOWER

برج تجفيف الحبوب



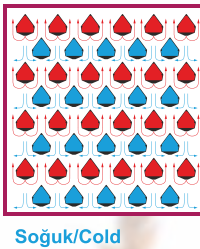
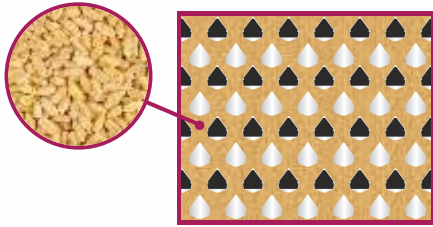
Sıcak/Hot

Soğuk/Cold



Sıcak/Hot

Soğuk/Cold



Soğuk/Cold

BUHAR RADYATÖRÜ / STEAM RADIATOR



HKK 1250



KULE / TOWER : 304 SS
ŞASE / CHASSIS: S 235

HKK 1890



KULE / TOWER : 304 SS
ŞASE / CHASSIS: S 235

HKK 2205



KULE / TOWER : 304 SS
ŞASE / CHASSIS: S 235

Demonte Kuleler
Dissamble Tower

GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

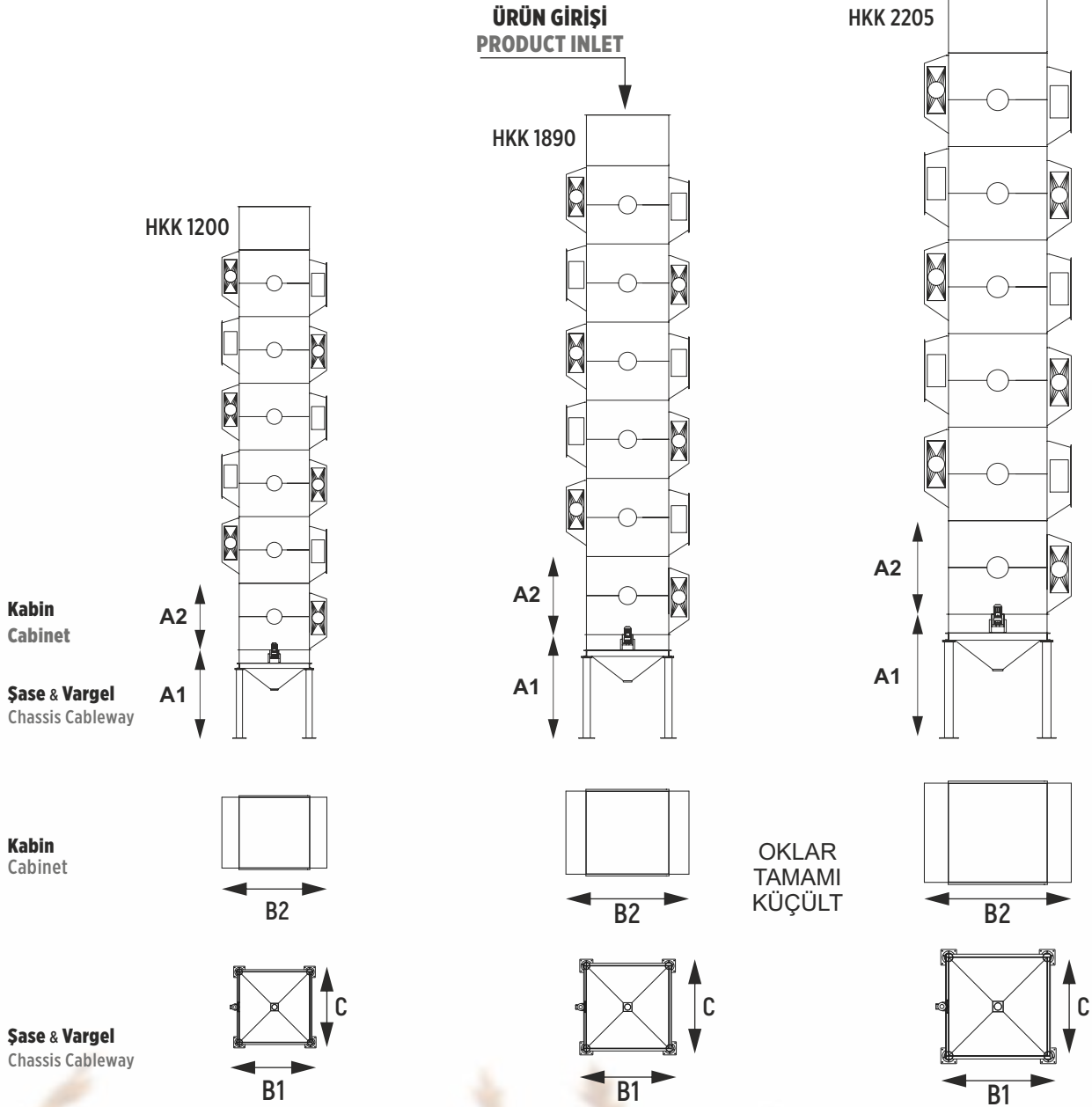
Hububat kurutma kulesi yarı otomatik sistemde; kesintisiz buhar ve çalışma ile stabil ve düzenli kurutma yapmaktadır.

Piştirme ünitesinden ~ %50 nem ile çıkan bulgur için pişirilen buğdayı, buhar radyatörlerinden elde edilen ısı ve hava karışımı ile ~ %12 neme indirmektedir.

Grain drying tower provides stable and regular drying with continuous steam and operation in semi-automatic system.

It reduces the wheat cooked for bulgur, which comes out of the cooking unit with ~%50 humidity to ~%12 humidity with a mixture of heat and air obtained from steam radiators.

برج تجفيف الحبوب نصف آلي يحقق هذا البرج تجفيف متوازن للحبوب بنظام بخار مستمر (غير منقطع) وعمل مستقر في وحدة الطبخ يخرج القمح المطبوخ برطوبة ٥٠٪ وبفضل راديوتورات البخار التي تؤمن الحرارة وبمساعدة الهواء يتم تخفيض الرطوبة الى ١٢٪



MODEL	BUHAR RADYATÖRLÜ KURUTMA SİSTEMİ STEAM RADIATOR DRYING SYSTEM	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE kapasite talebe göre Capacity capacity according to demand (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
		A1 A2	B1 B2	C				
HKK 1250/1250	Şase & Vargel / Chassis Cableway Kabin / Cabinet	~ 1600 1800	1300 2100	1300 1300	0,75	0,6 - 1,2	~ 400 ~ 570	1,7 m ² 2,7 m ³ 2,7 m ² 5,0 m ³
HKK 1890/1890	Şase & Vargel / Chassis Cableway Kabin / Cabinet	~ 2000 1800	2100 2800	2100 2000	2,2	1,5 - 3	~ 1325 ~ 1180	4,4 m ² 9,0 m ³ 5,6 m ² 10,0 m ³
HKK 2205/2205	Şase & Vargel / Chassis Cableway Kabin / Cabinet	~ 2240 1800	2520 3300	2520 2300	2,2	2 - 5	~ 2170 ~ 2100	6,3 m ² 14,0 m ³ 7,6 m ² 13,5 m ³

Buğday / Wheat



Mısır / Corn



Y. Mercimek / G. Lentil



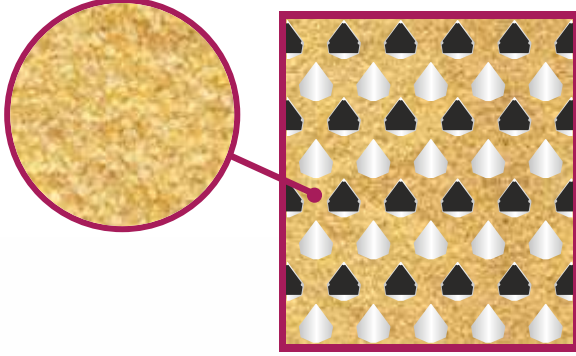
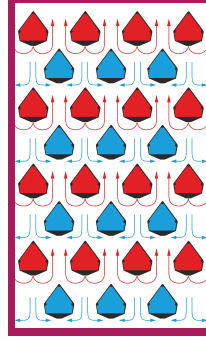
Arpa / Barley



K. Mercimek / R. Lentil



BULGUR NEM KONTROL KULESİ (Buharlı Sistem)
MOISTURE CONTROL TOWER (With Steam System)
 برج التحكم برطوبة البرغل (بنظام البخار)

HKK 1000/1200**Sıcak/Hot****Soğuk/Cold**

KULE / TOWER : 304 SS
ŞASE / CHASSIS: S 235

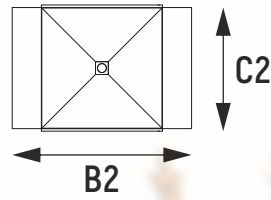
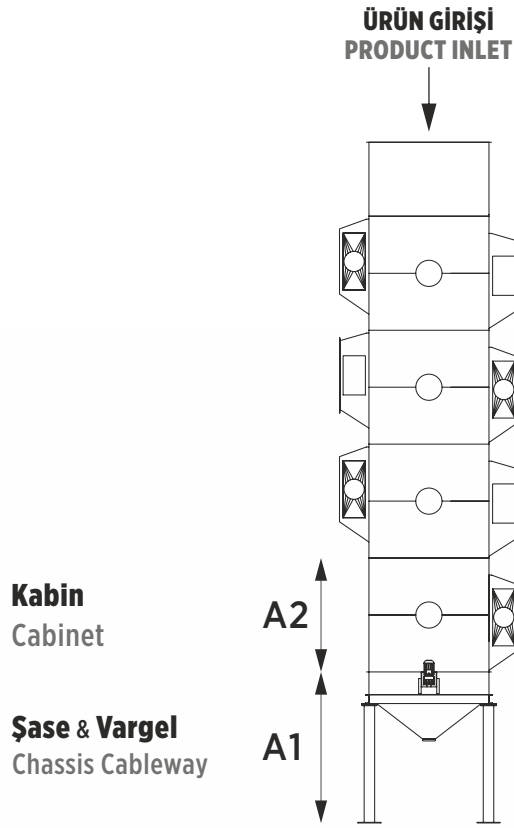
BUHAR RADYATÖRÜ / STEAM RADIATOR

Demonte Kuleler
Dissamble Tower

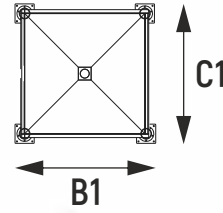
Bulgur nem kontrol kulesi: Üretimden gelen ~ %16 nem ile çıkan bulgur buhar radyatörlerinden elde edilen ısı ve hava karışımı ile ~ %11 neme indirmektedir. Yarı otomatik sistemde; stabil ve düzenli kurutma için kesintisiz buhar ve çalışma sağlanmalıdır.

Bulgur moisture control tower: Bulgur, which comes out of production with ~%16 humidity, reduces to ~%11 humidity with a mixture of heat and air obtained from steam radiators. In the semi-automatic system, continuous steam and operation should be provided for stable and regular drying.

برج التحكم برطوبة البرغل : البرغل الآتي من خط الانتاج والذي رطوبته ١٦٪ تخفض هذه الرطوبة الى ١١٪ بفعل حرارة الرادياتورات بمساعدة الهواء وبالنظام النصف آلي وللحصول على تجفيف متوازن يجب تأمين للبخار دون انقطاع وعمل دؤوب



Kabin
Cabinet



Şase & Vargel
Chassis Cableway

MODEL	BULGUR NEM KONTROL SİSTEMİ BULGUR MOISTURE CONTROL SYSTEM	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	KAPASİTE kapasite talebe göre Capacity capacity according to demand (t/h)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
		A1 A2	B1 B2	C1 C2				
BNK 1000 / 1200	Şase & Vargel / Chassis Cableway Kabin / Cabinet	~ 1300 1700	1300 1840	1100 1300	0,75	1 - 5	370 580	1,6 m ² 2,0 m ³ 2,40 m ² 4,0 m ³

HUBUBAT DIKEY KABUK SOYUCU

VERTICAL GRAIN PEELING

قشارات الحبوب الشاقولية



DKS 341



DKS 401



DKS 501

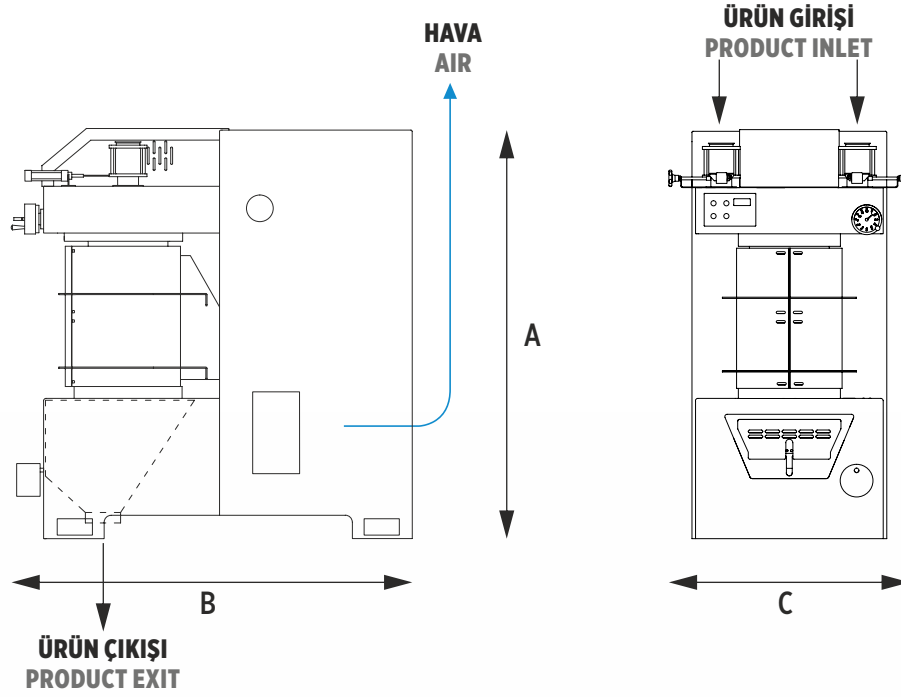
PNÖMATİK VE ELEKTRİK PANELİ
PNEUMATIC & ELECTRIC PANNELÜRÜN YEDİRİCİ
PRODUCT FEEDERZIMPARA TAŞI
EMERY STONE

GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Dikey hububat kabuk soyucu; dış gömlekle zımpara taşları arasından geçen ürünün kabuğu soyulmaktadır. Soyulan kabuğu (kepek) hava sistemiyle soyulmuş üründen ayrılmaktadır.

Vertical grain peeler; The hull of the product passing through between the outer liner and the emery stones is peeled off. The peeled shell-husk(bran) is separated from the product by air system.

قشارات الحبوب الشاقولية : يقشر المنتج من خلال مروره بين القميص الخارجي وحجر الحف ويتم عزل نقل القشور (النخالة) بفعل الهواء عن الحبوب المقشرة



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	HAVA Air	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C					
DKS 341	1750	1710	830	Mercimek / Lentil ~3 Buğday / Wheat ~2	22 37	~ 45 m ³ /dk 200 mmSS	~1100 ~1140	~ 1,50 m ² ~ 2,5 m ³
DKS 401	1860	1780	890	Buğday / Wheat ~3	55	~ 70 m ³ /dk 200 mmSS	~1600	~ 1,6 m ² ~ 3,0 m ³
DKS 501	2020	1980	990	Buğday / Wheat ~5 Buğday / Wheat ~6	75 90	~ 110 m ³ /dk 200 mmSS	~2280 ~2350	~ 2,0 m ² ~ 4,0 m ³

Buğday
Wheat



Kabuklu Diri Bulgur
Crusted Raw Wheat



K. Mercimek
R. Lentil



Arpa
Barley



Soyulmuş
Peeled



Soyulmuş
Peeled



Soyulmuş
Peeled



Soyulmuş
Peeled



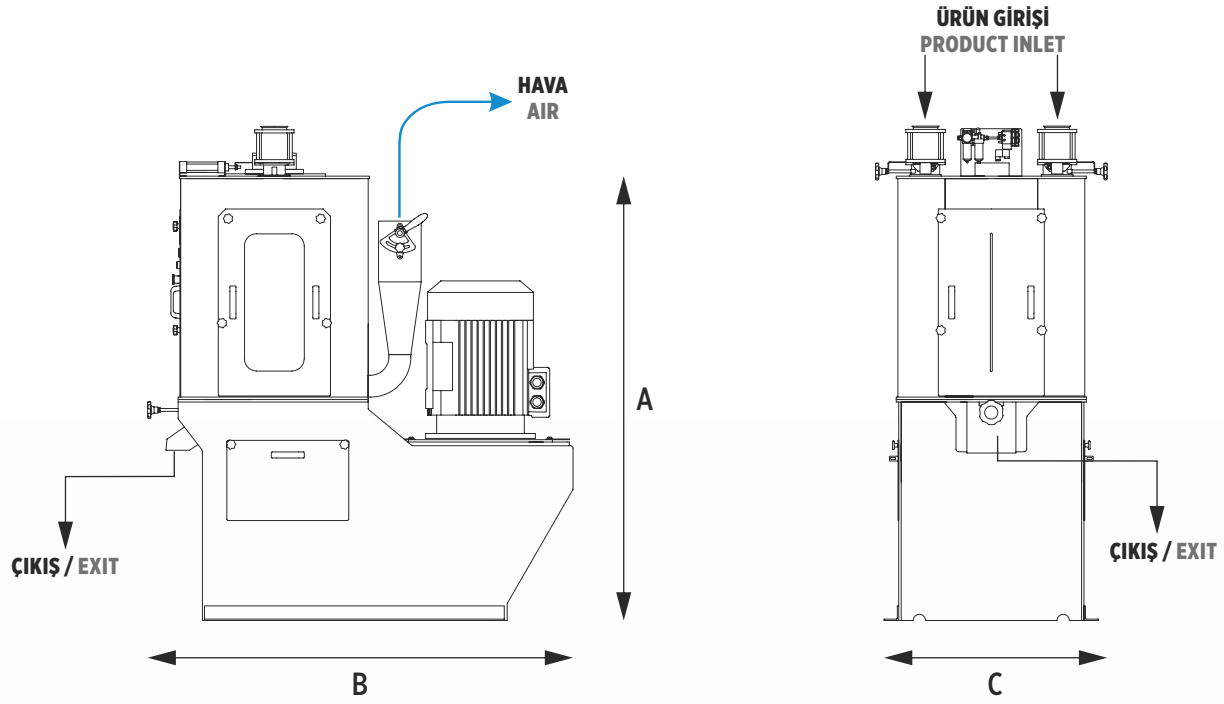
HUBUBAT DIKEY KABUK SOYUCU
VERTICAL GRAIN PEELING
قشارات الحبوب الشاقولية



Dikey hububat kabuk soyucu; dış gömlekle zımpara taşları arasından geçen ürünün kabuğu soyulmaktadır. Soyulan kabuğu (kepek) hava sistemiyle soyulmuş üründen ayrılmaktadır.

Vertical grain peeler; The hull of the product passing through between the outer liner and the emery stones is peeled off. The peeled shell-husk(bran) is separated from the product by air system.

قشارات الحبوب الشاقولية : يقشر المنتج من خلال مروره بين القميص الخارجي وحجر الحف ويتم عزل ونقل القشور (النخالة) بفعل الهواء عن الحبوب المقشرة



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	HAVA Air	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C					
DKS 340	2000	1750	880	Mercimek / Lentil ~3	22	~ 45 m ³ /dk	~1140	~ 1,54 m ²
				Buğday / Wheat ~1,5	37	200 mmSS	~1180	~ 3,1 m ³
DKS 400	1920	1920	830	Buğday / Wheat ~2,5	55	~ 55 m ³ /dk 200 mmSS	~1620	~ 1,6 m ² ~ 3,5 m ³

Nohut
Chickpea



Kabuklu Bulgur
Crusted Bulgur



Kırmızı Mercimek
Red Lentil



Arpa
Barley



Nohut
Chickpea



Kabuklu Bulgur
Crusted Bulgur



Kırmızı Mercimek
Red Lentil



Arpa
Barley



PALETLİ KABUK SOYUCU**HORIZONTAL PALLETIZED PEELER**

القشارة الأفقية ذات الزعانف (الأجنحة)

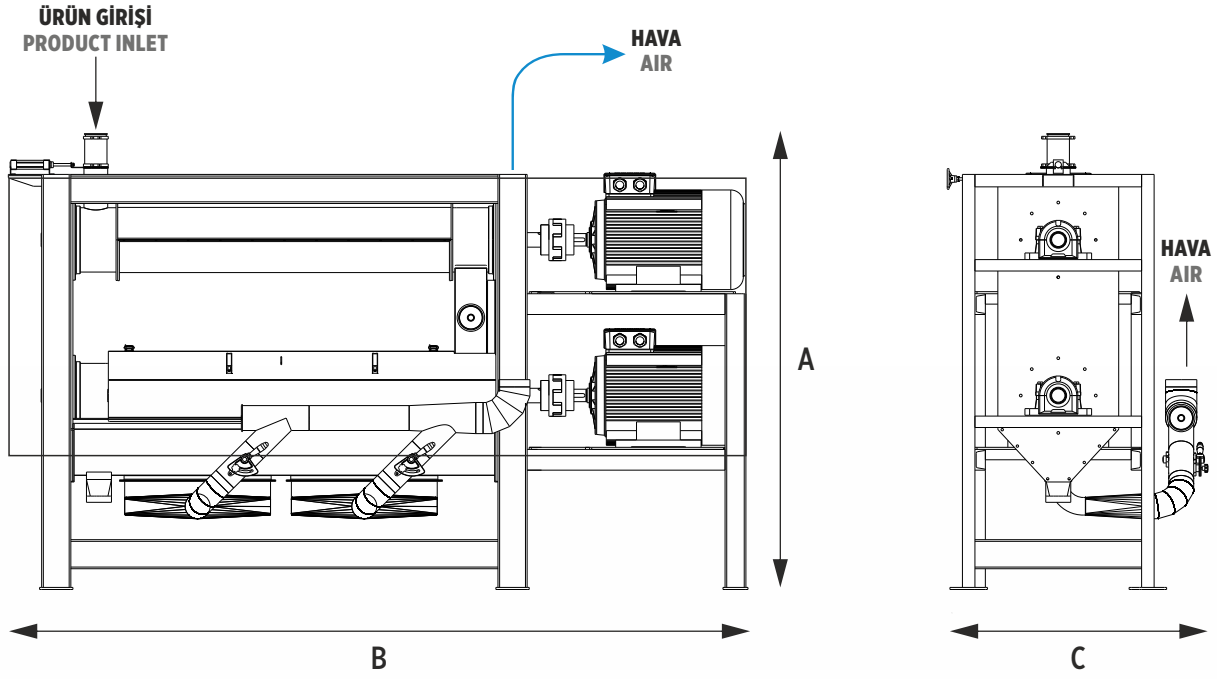
PKS 290**Yeni Tip Ayarlı Palet**
New-Type Adjustable**Lama Palet**
Lama Pallet**Montajlı**
Assembled**Demonte**
Dissambled**Montajlı**
Assembled**Demonte**
Dissambled

GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Yatay paletli kabuk soyucu; dış gömlekle palet arasından geçen buğdayın kabuğu soymaktadır. Soyulan kabuğu (kepek) hava sistemiyle soyulmuş üründen ayrılmaktadır.

Horizontal palletized peeler; It peels off the shell-husk of the wheat that passes between the outer liner and the pallet. It separates the peeled shell-husk (bran) from the peeled product by the air system.

القشارة الأفقية ذات الزعانف : يتم تقشير القمح من خلال مرور القمح بين القميص الخارجي والزعانف ويتم فصل الحبوب المقشورة عن القشور عن طريق الهواء



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	HAVA Air	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C					
PKS 290	2230	3380	1100	~1,5	37x2	~ 45 m ³ /dk 200 mmSS	2050	~ 3,8 m ² ~ 8,5 m ³

Temizlenmiş Buğday
Cleaned Wheat



Beyaz Buğday (Aşure)
White Wheat (Ashoure)



Kepek
Bran



YATAY MERCİMEK KIRMA
HORIZONTAL LENTIL CRUSHER
مجرشة العدس الأفقية

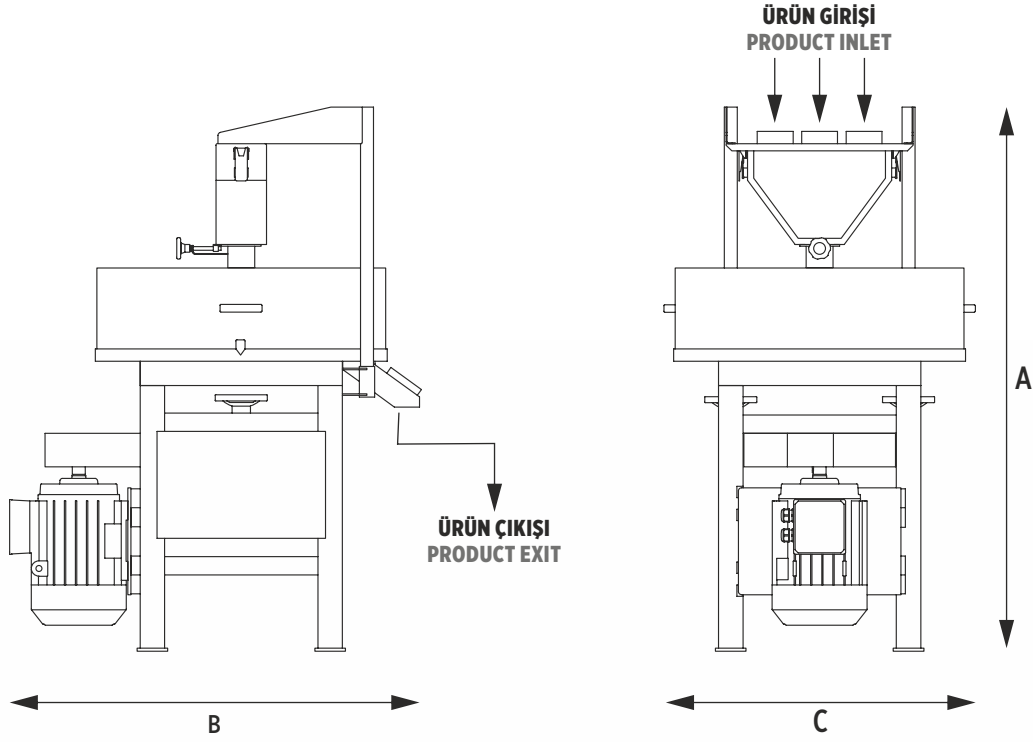


GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Yatay mercimek kırma; Üst üste yatay zımpara dökümlü iki taştan oluşmaktadır. Mercimeğin kırılması ve kabuğunun soyulması için, kalibre edilmiş ürüne göre alt taş ayarlanmaktadır.

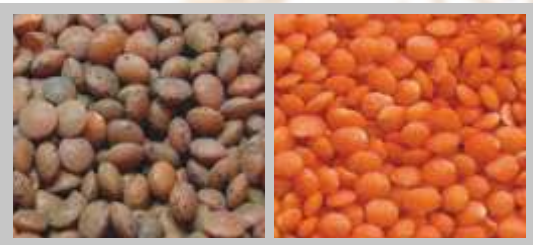
Horizontal lentil crusher; It consists of two stones with horizontal emery stones on top of each other. In order to break and peel the lentils, the bottom stone is adjusted according to the calibrated product.

مجرشة العدس الأفقية : تتكون من زوج من حجر مصبوب يتوضع فوق بعضه البعض وذلك من أجل تقشير وجرش العدس
يعاير الحجر حسب المنتج المصنف والمفرز. والحجر السفلي هو الذي تتم معايرته

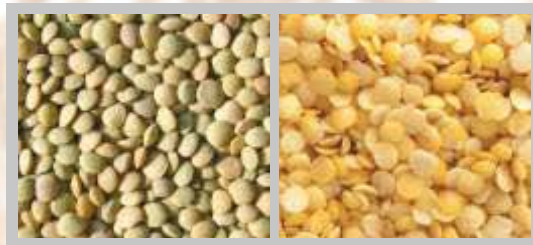


MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
YKS 800	1780	1400	990	~ 1	7,5	~700	~ 1,4 m ² ~ 2,5 m ³

Kırmızı Mercimek
Red Lentil



Yeşil Mercimek
Green Lentil



Cilban (Fava)
Mashed Broad Bean



YATAY BAKLA - BEZELYE KIRMA**HORIZONTAL PULSE CRUSHER**

مجرشة (كسارة) البازلياء والفاول الأفقية

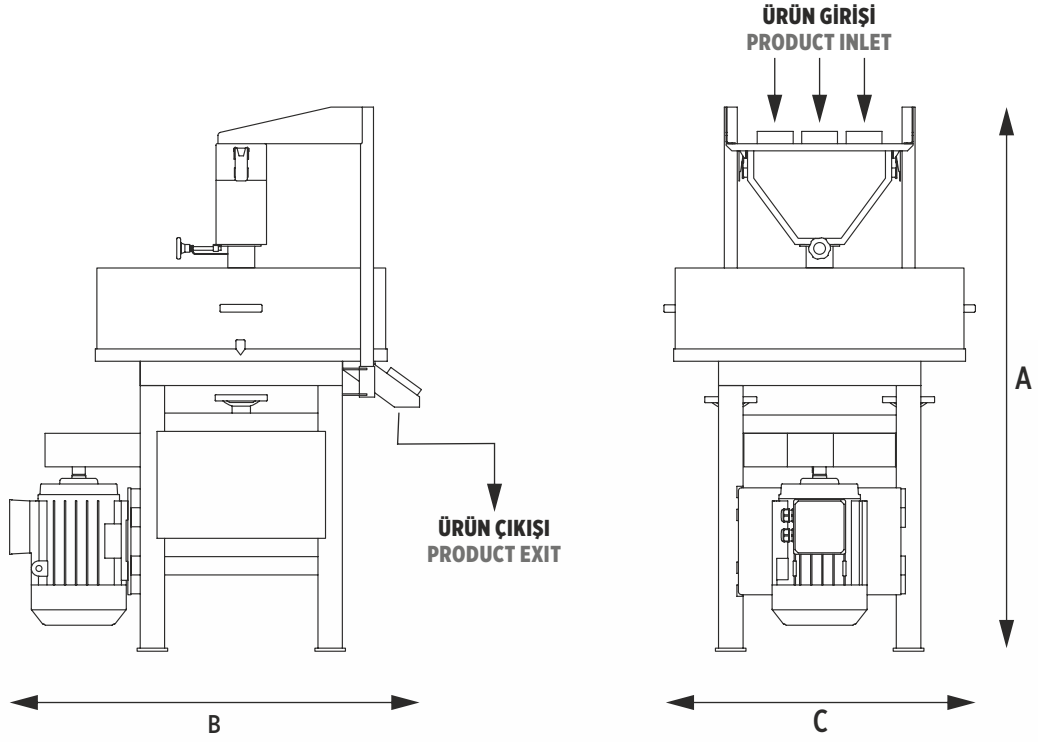


GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Yatay bakla kırma; Üst üste yatay zımpara dökümlü kanallı iki taştan oluşmaktadır. Bakla ve bezelyenin kırılması ve kabuğunun soyulması için, kalibre edilmiş ürüne göre alt taş ayarlanmaktadır.

Horizontal pulse crusher consists of two emery stones with horizontal sandpaper channels on top of each other. The bottom stone is adjusted according to the calibrated product to crush and peel the pulses and peas.

مجرشة الفول الأفقية: تتكون من زوج من حجر مصبوب ذو اخاديد وقنوات يتوضع فوق بعضه البعض وذلك من أجل تقشير وجرش الفول والبازلياء
يعاير الحجر حسب المنتج المصنف والمفرز . والحجر السفلي هو الذي تتم معايرته



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
YBK 801 B	1780	1400	990	Bakla ~1 Bezelye ~1	7,5	~700	~1,4 m ² ~2,5 m ³

Bakla (Beledi)
Broad Bean

Bakla Kabuğu
Broad Bean Husk

Bezelye
Pea



YATAY BAKLA KIRMA
HORIZONTAL BEAN CRUSHER
مجرشة الفول الأفقية

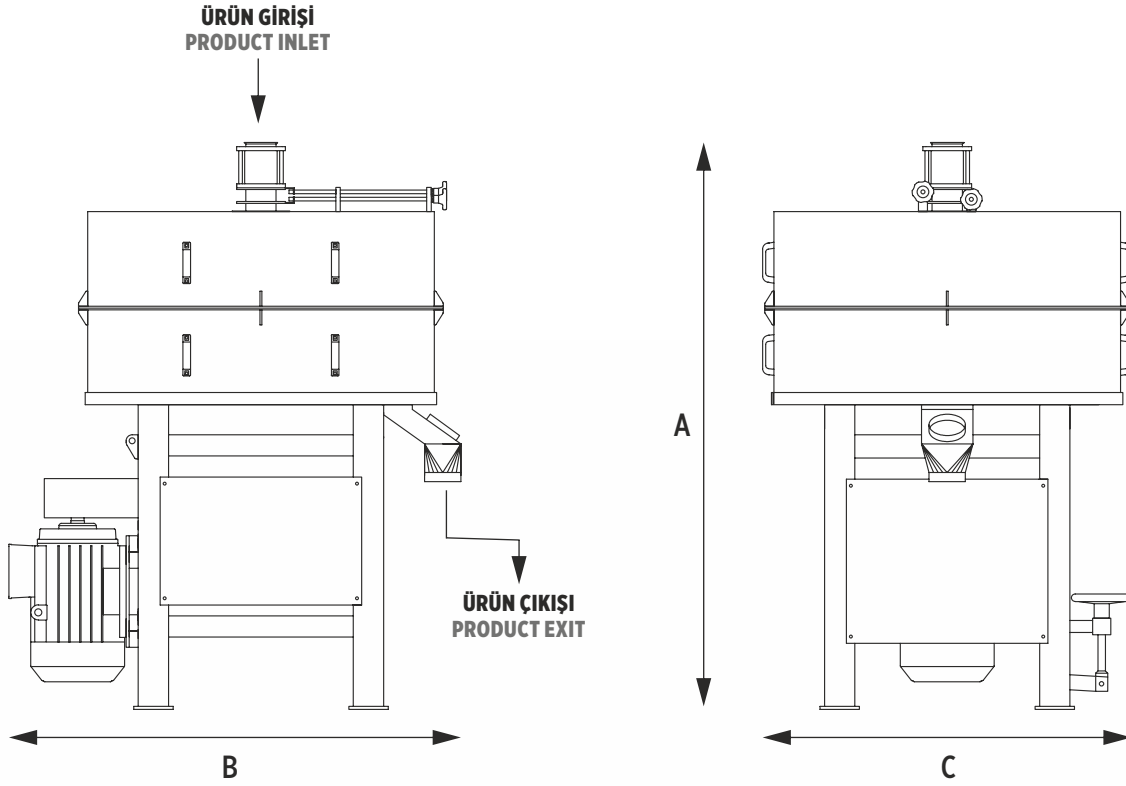
YBK 900 B

GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Yatay bakla kırma; Üst üste yatay zımpara dökümlü güçlendirilmiş iki taştan oluşmaktadır. Baklanın kırılması ve kabuğunun soyulması için, kalibre edilmiş ürüne göre alt taş ayarlanmaktadır.

Horizontal bean crusher; It consist of two emery stones with channel emery system horizontal on top of each other. The bottom stone is adjusted according to the calibrated product to crush and peel the pulses and peas.

مجرشة الفول الأفقية : تتكون من زوج من حجر الحف المدعم (المقوى) المتوضع فوق بعضه البعض من أجل تكسير وتفتير الفول
يعاير الحجر حسب المنتج . والحجر السفلي هو الذي تتم معايرته



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
YBK 900 B	1880	1500	1220	İngiliz Bakla ~ 1200	11	1200	~ 1,9 m ² ~ 3,5 m ³

Bakla (Beledi)
Broad Bean



İngiliz Bakla
English Broad Bean



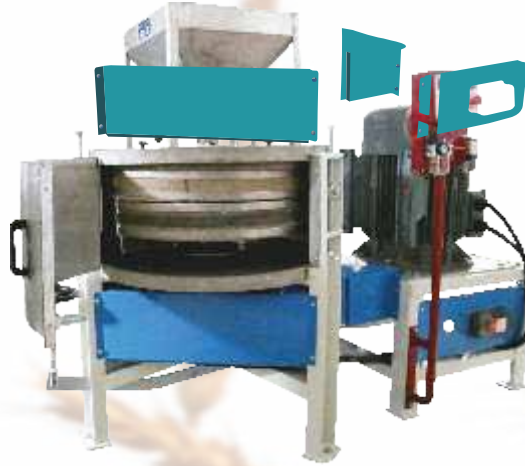
Bakla Kabuğu
Broad Bean Husk



YATAY TAVLI BULGUR KIRMA
HORIZONTAL BULGUR CRUSHING
آلة جرش البرغل الرطب الأفقية

YTB 802 TB

START PANOSU
START PANEL

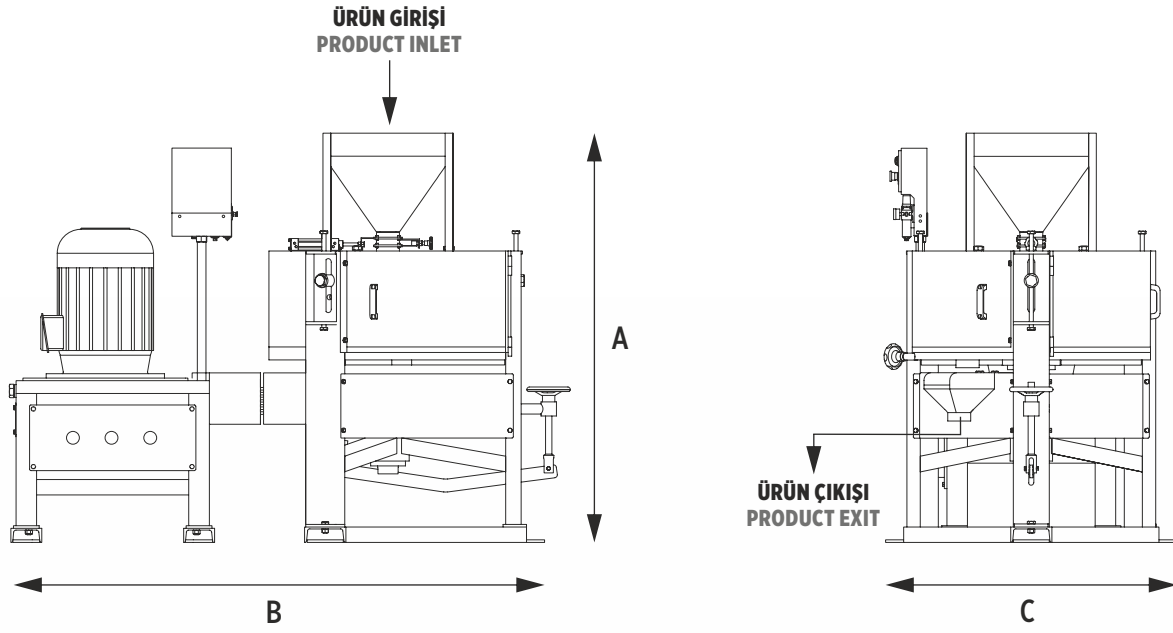


GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

Yatay TAVLI bulgur kırma; Üst üste yatay zımpara dökümlü kanallı iki taştan oluşmaktadır. Kabuklu bulgur yoğun tavla nemlendirilerek kabuğu soyularak ve kırma işlemi yapılmaktadır.

Horizontal tempered bulgur crushing; It consist of two stones with sanded channels on top of each other. The unpeeled bulgur is moistened with intense tempering, peeled and broke.

آلة جرش البرغل الرطب الأفقية : تتكون من زوج من حجر الحف مصبوب ذو اخاديد وقنوات متوضع فوق بعضه البعض
البرغل غير المقشور والذي تم ترطيبه بكثافة سيتم تقشيريه وجرشه



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
YBK 802 TB	1600	2180	1070	~600 kg	37	1100	~ 2,4 m ² ~ 3,8 m ³

Kabuklu Diri Bulgur
Crusted Raw Bulgur



Tavlanmış Diri Bulgur
Dampened Raw Bulgur



Kırılmış Bulgur (Natürel)
Crushed Bulgur (Natural)

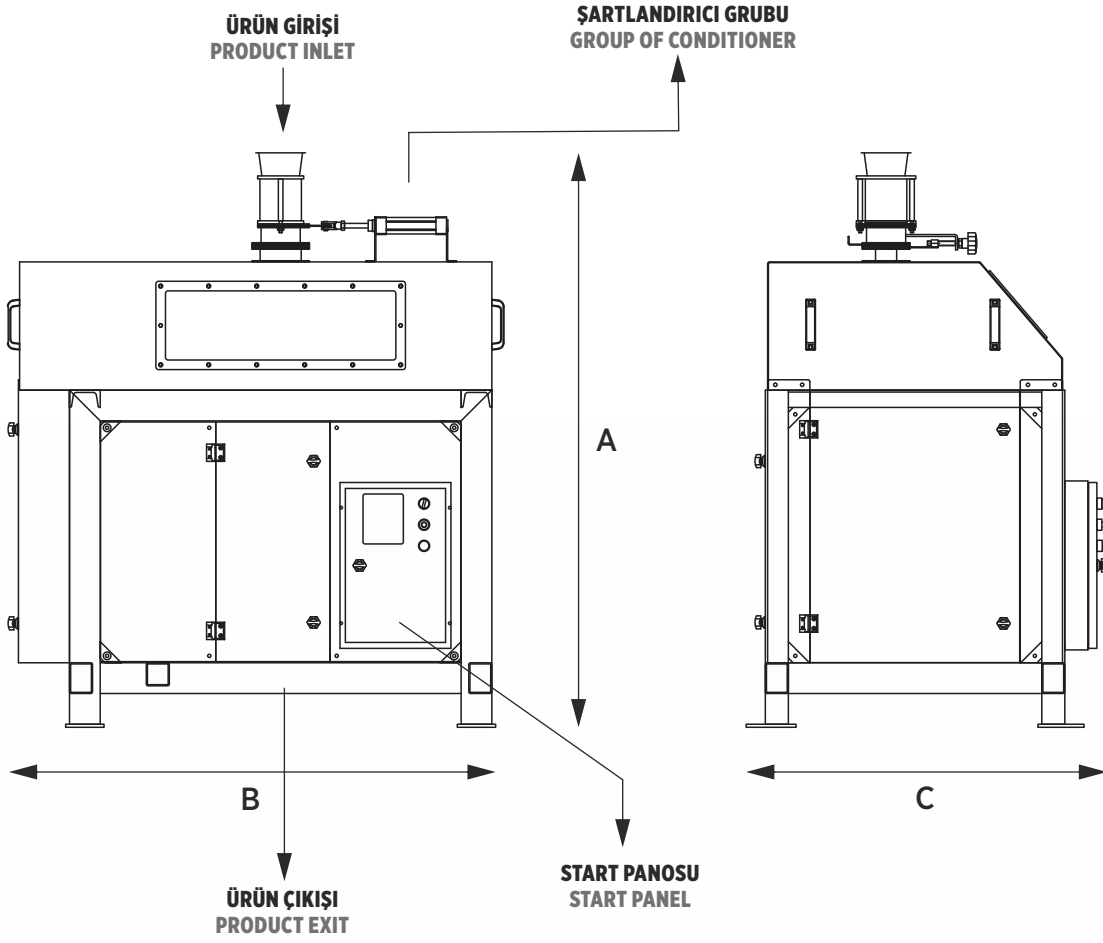


BULGUR KESME
BULGUR CUTTING
قطاعة البرغل

Bulgur kesme; kalibre edilmemiş ve kabuğu soyulmuş tanelerin kesme işlemi için özel olarak dizayn edilmiştir. Bulgur kesme işleminde UN fire oranı ~%1 çıkmaktadır. İnverter uygulaması ile bulgurun kesme boyutları ayarlanmaktadır.

Bulgur cutting machine is specially designed for cutting uncalibrated and peeled grains. Flour rate of waste is ~1% in bulgur cutting process. With the inverter application, the cutting dimensions of the bulgur are adjusted.

قطاعة البرغل : تم تصميم هذه الآلة وبشكل خاص من أجل الحبوب المقشرة وغير المصنفة (المفرزة) في أعمال تقطيع البرغل نسبة الطحين ١ % . يتم التحكم بأبعاد واحجام البرغل حسب معايرة الانفرتر (التحكم بسرعة الدوران)



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
BK 450	1500	1300	920	~1,2	1,5	500	~1,2 m ² ~1,8 m ³

Kabuğu Soyulmuş Bulgur
Dampened Raw Bulgur



Kesilmiş Bulgur (Natürel)
Crushed Bulgur (Natural)



VALS BULGUR KIRMA
VALS BULGUR CRUSHING
 فالس . آلة البرغل

ÜRÜN GİRİŞİ
 PRODUCT INLET



VALS İÇ KESİT
VALS INNER SECTION

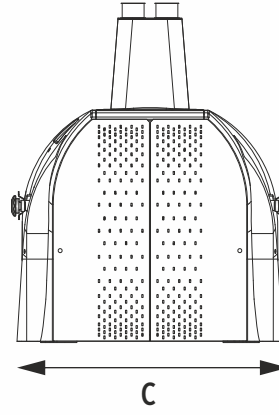
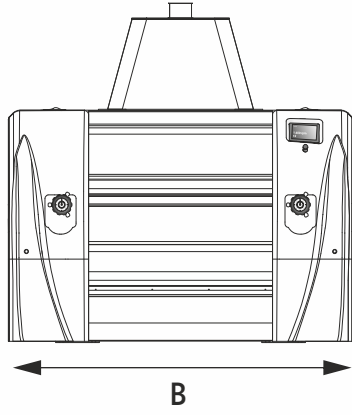
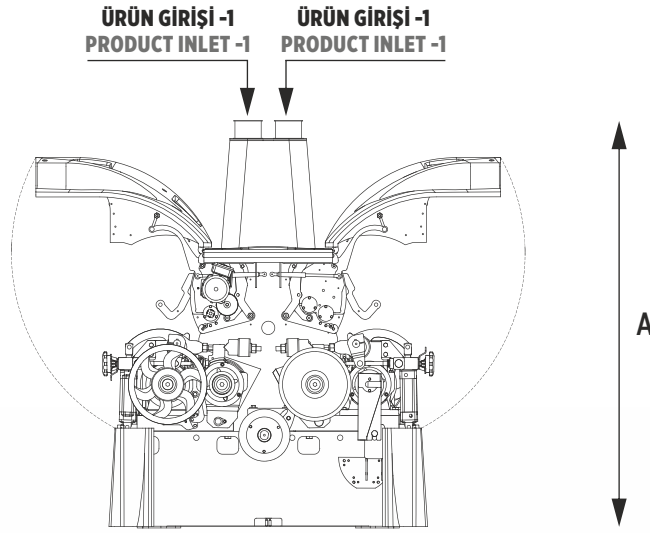
Vals ile bulgur kırma işlemi: Kalibre edilmemiş ve kabuğu soyulmuş tanelerin, vals toplarına açılan özel dizayn edilmiş dişlerle kırma işlemi yapılmaktadır.

Bulgur cutting process with vals: The crushing process of uncalibrated and peeled grains are carried out with specially designed opened to the roll balls.

أعمال تكسير البرغل من خلال الفالس
 الحبوب المقشرة وغير المصنفة (غير المفروزة) هناك تصميم خاص لزوايا اسنان اسطوانات الفالس من أجل اجراء أعمال
 التكسير



KAPAK AÇMA
OPENING THE COVER



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
VBK 100	1830	1890	1500	~5	15x2	3500	~ 2,9 m ² ~ 5,2 m ³
VBK 125	1830	2390	1500	~7	18,5x2	4075	~ 3,6 m ² ~ 6,6 m ³

Kabuğu Vals Inlet
Dampened Raw Bulgur



Bulgur Vals Çıkışı
Crushed Bulgur (Natural)



BULGUR SULU PARLATMA
BULGUR POLISHING WITH WATER
 ملمعة البرغل باضافة الماء (النكالة)

Ürün Girişi
Product Inlet



Tahrik Sistemi
Drive System



PLC Dijital Ekran
PLC Digital Screen



Pnömatik Kontrol Merkezi
Pneumatic Control Center



BSP 255

Ürün Çıkışı
Product Exit



Enjektör
Injector

مشروع البحث والتطوير ل غون ماك | GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT

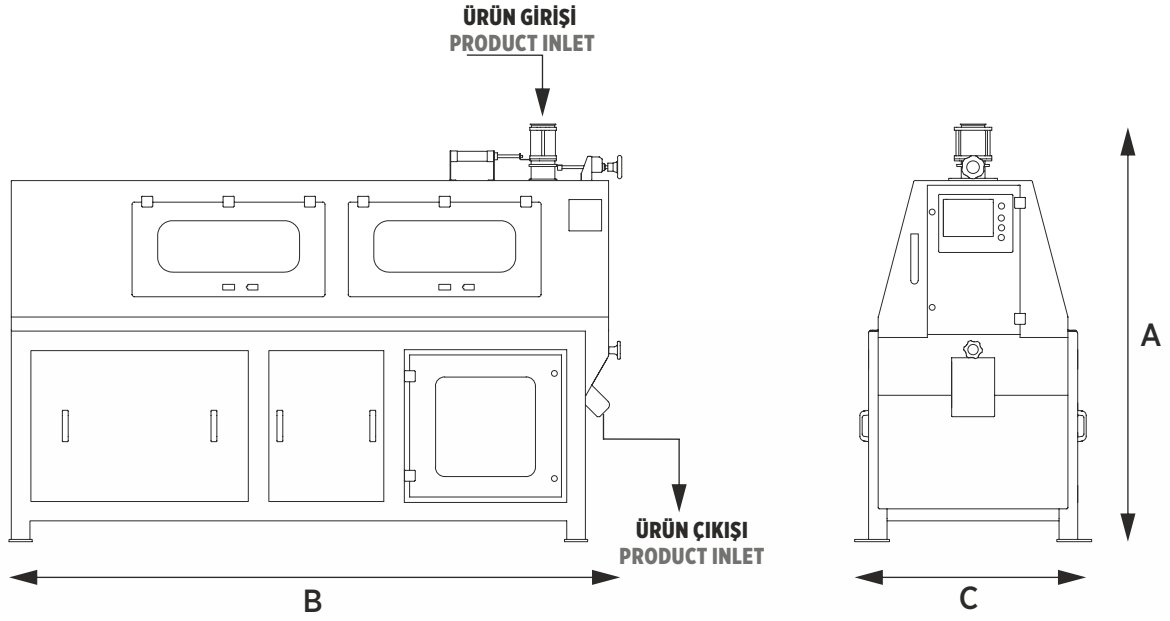
Kırılmış bulgurun otomatik su beslemesiyle nemlendirilerek ve paletlerle sıkıştırılarak doğal renk almasını sağlamaktadır. (Bulgurun renk alması için katkı maddesi kullanılmamaktadır.)

PCL kontrollü otomatik giriş sistemi, motor korumalı olarak dizayn edilmiştir.

Aynı zamanda su kullanmadan bu makinede kinoa soyulmaktadır.

It provides the natural color of the crushed bulgur by moistening it with automatic water feeding and compressing with pallets. (No additives are used to color the bulgur.) It is designed with PCL controlled automatic entry system and motor protection. At the same time, quinoa is peeled in this machine without using water.

مشروع البحث والتطوير ل غون ماك
 يضاف الماء للبرغل المجروش بشكل آلي ويتم ترطيبه ويضغط ويكبس بواسطة الزعانف من أجل اكساب البرغل اللون الطبيعي
 (من أجل الحصول على لون البرغل لا يمكن اضافة مواد اخرى).
 تم التصميم بحيث يكون دخول المادة الى الآلة بنظام آلي يتحكم PLC. والمحرك مجهز بحماية كهربائية
 وبنفس الوقت يمكن تقشير الكينوا من خلال هذه الآلة لكن بدون استعمال الماء



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
BSP 255	1790	2630	1000	~ 1,5	55	1465	~ 2,7 m ² ~ 5,0 m ³

Kırılmış Bulgur (Natürel)
Broken Bulgur (Natural)



Parlatma Öncesi
Before Polishing

Karışık Parlatılmış Bulgur
Mix Polished Bulgur



Parlatma Sonrası
After Polishing

Kinoa / Quinoa



Soyulmamış
Before Peeling

Kinoa / Quinoa



Soyulmuş
After Peeling

ENDÜSTRİYEL TAMBUR
INDUSTRIAL TAMBOUR
الطمبور الصناعي

ET 800**ET 960**

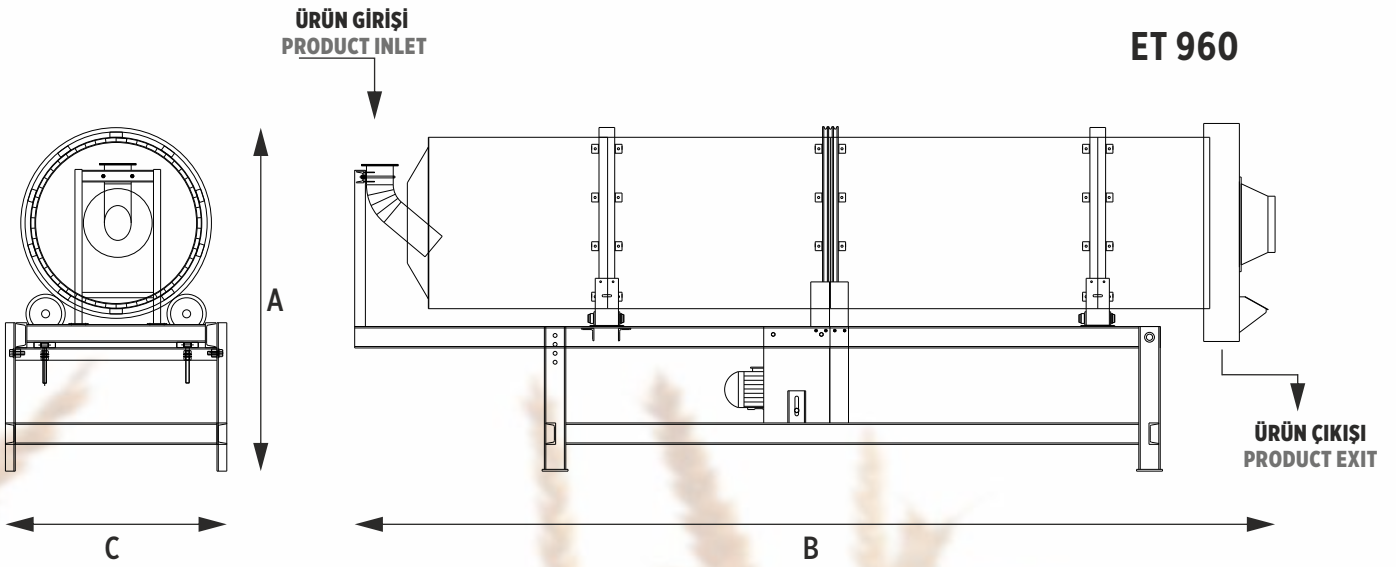
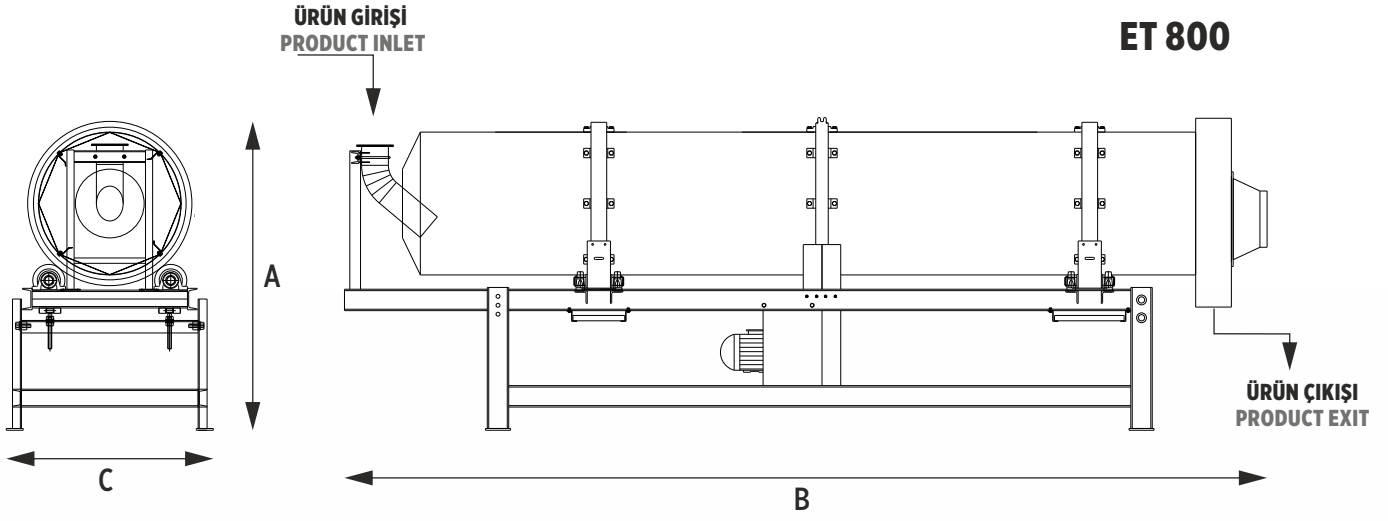
Kabinli Mıknatıs
Magnet With Cabinet

GÜNMAK AR-GE ÜRÜNÜDÜR | MACHINE IS GUNMAK R&D PROJECT | مشروع البحث والتطوير ل غون ماك

- 1- Pişmiş bulgurun kurutmaya girmeden önce soğutma ve şoklama işleminin yapılması
- 2- Parlatma sonrası ısınan kırılmış bulgurun soğutma işleminin yapılması
- 3- Farklı sektörlerin çeşitli ürünlerinde kullanılmaktadır.

- 1- Cooling and freezing process of cooked bulgur before it enters drying
- 2- Cooling process of heated crushed bulgur after polishing
- 3- It is used in various products of different sectors

- ١ - قبل دخول البرغل المطبوخ الى التجفيف تتم فيه أعمال التبريد والتحرك
- ٢ - بعد أعمال التلميع تتم أعمال تبريد البرغل المجروش الساخن
- ٣ - استخدام من أجل منتجات متنوعة لقطاعات مختلفة



MODEL	ÖLÇÜLER Dimensions (mm)			KAPASİTE Capacity (t/h)	MOTOR Motor (kw)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
ET 800	~1750	3000 min 6000 max	1100	~ 4	2,2 - 3	800-1400	3,3 m ² - 6,6 m ² 6,6 m ² - 11,6 m ²
ET 960	~1950	3000 min 6000 max	1240	~ 6	3 - 4	1250-1660	3,7 m ² - 7,5 m ² 7,5 m ² - 14,6 m ²

MODÜLER SİSTEM DEPO
MODULAR SYSTEM BUNKER (HOPPER)
نظام المجمعات القابلة للاضافات



MSD 1890 | MSD 2390

Modüler sistem üretim depoları kapasite ihtiyacına göre üretilmektedir.
Gıdaya uygun solventsiz, elektrostatik toz boya kullanılmaktadır.

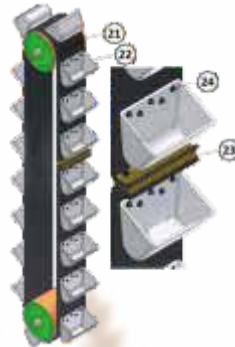
Modular system production warehouses are produced according to the capacity requirement. Suitable for food, solvent-free electrostatic powder coating is used.

يتم انتاج منتجات النظام المعياري على المستودعات ووفقا " لمتطلبات السعة خالية من المذيبات مسحوق الكترولستاتيك مناسب للأغذية المستخدمة

ELEVATÖR KOVALI DİKEY TAŞIYICI
ELEVATOR VERTICAL CONVEYOR WITH BUCKET
 الناقل الشاقولي (ذو المغارف)



Üst Kaide
Upper part



Kayış Kova
Belt-Bucket



Alt Kaide
Bottom Part

İşlenecek ürünün makinalar arası tranferinde kullanılan dikey taşıyıcıdır.
 İhtiyaca göre farklı kapasitelerde üretilebilir.

It is a vertical conveyor used in the transfer of the products to be processed between machines.
 It can be manufactured in different capacities according to needs.

هو الناقل الشاقولي المستخدم لنقل المنتج المراد معالجته بين الآلات يمكن إنتاجه بقدرات مختلفة حسب الحاجة



OTOMATİK PAKETLEME ÜNİTESİ
AUTOMATIC PACKAGING UNIT
وحدة التغليف والتعبئة الآلية

OPKU 01

Tek Tartım / Single Weighing
Tek Dolum / Single Filling



OPKU 02

Double Tartım / Double Weighing
Tek Dolum / Single Filling

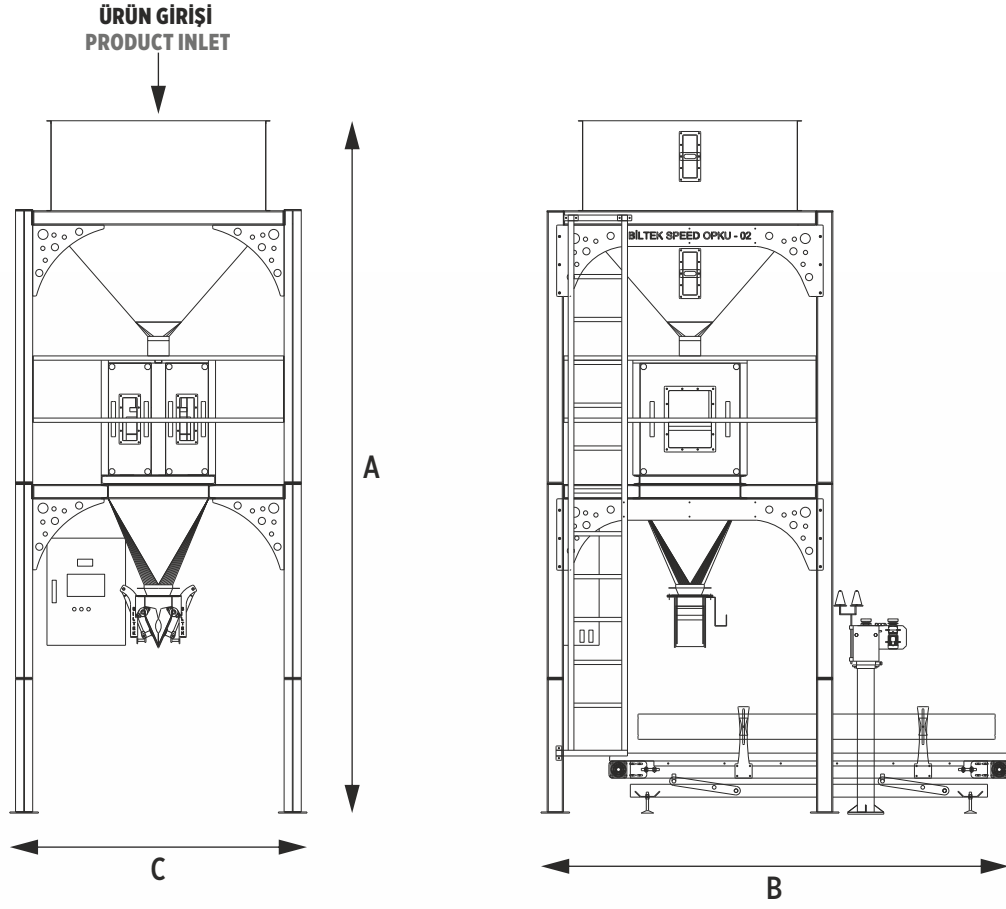


Mamül veya yarı mamül ürünlerin 5-50 kg arası çuvalara dolumu için kullanılmaktadır. Kapasiteye göre imal edilmektedir. Dikiş makinası ihtiyaca göre opsiyonel olarak verilmektedir.

It is used for bagging finished of semi - finished products in sacks between 5-50 kg.

It is manufactured according to capacity. Sewing machine is optional according to the need.

يتم تعبئة الأكياس (الجوانات) للمنتجات المشغلة (النهائية) ونصف المشغلة. وتتراوح أوزانها بين 5-50 kg. حيث يتم تصنيع هذه الآلة حسب الاستطاعة (الطاقة أو القدرة) الانتاجية كما يتم تأمين ماكينة الخياطة حسب الحاجة والطلب.



MODELLER MODELS	Hedef Tartım Goal Weighing (kg)	Torba / Dakika Sacle/Minute (kg)	Torba / Saat Sacle/Minute (kg)	Kapasite Capacity (kg)	Hassasiyet Accuracy (gr) ±
Tek Kefe 01	5	9	540	2.70	5 - 25
	10	9	540	5.40	
	25	8	480	12.00	
	50	6	360	18.00	

MODELLER MODELS	Hedef Tartım Goal Weighing (kg)	Torba / Dakika Sacle/Minute (kg)	Torba / Saat Sacle/Minute (kg)	Kapasite Capacity (kg)	Hassasiyet Accuracy (gr) ±
Çift Kefe 02	5	14	840	4.20	5 - 25
	10	14	840	8.40	
	25	12	720	18.00	
	50	9	540	27.00	

MODEL	ÖLÇÜLER Dimensions (mm)			MOTOR Motor (kw)	HAVA Air (8 bar)	AĞIRLIK Weight (kg)	SEVK ALANI Transfer Area
	A	B	C				
OPKU - 01 TEK KEFE	4200	2000	2000	1,5	500 Lt/dk	1250	4,0 m ² 17,00 m ³
OPKU - 02 ÇİFT KEFE	4200	2250	2250	1,5	800 Lt/dk	1050	5,0 m ² 21,00 m ³



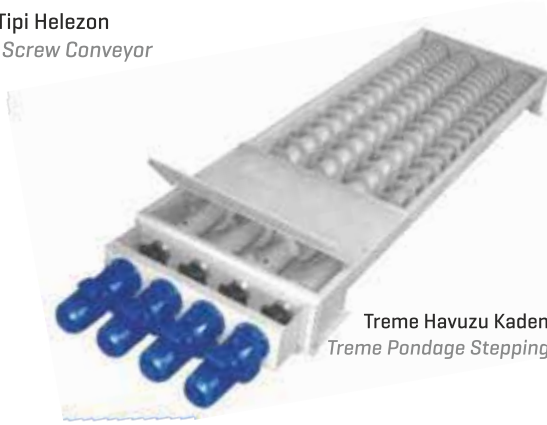
U Tipi Süzekli Çift Cıdarlı Helezon
U Type Double Walled Filtered Screw Conveyor



U Tipi Helezon
U Type Screw Conveyor



Asma Yatak
Hanger Bearing



Treme Havuzu Kademeli Boşaltma Helezonu
Treme Pondage Stepping Discharge Screw Conveyor

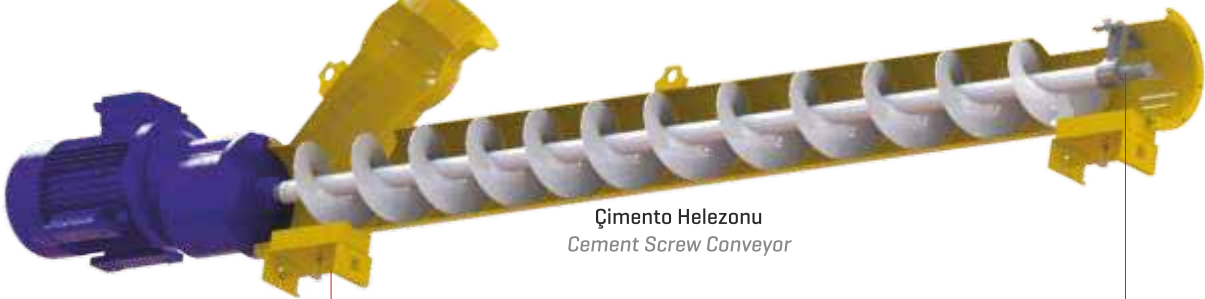


Giriş
Inlet



Üniversal Mafsal
Universal Inlet

Kesit
Cross Section



Çimento Helezonu
Cement Screw Conveyor



Bakım ve Temizleme Kapağı
Cleaning and Maintenance Cover



Asma Yatak
Hanger Bearing



Ucfc Tipi Yatak
Ucfc Type Bearing



R. Motor Bağlantı
R. Motor Mounting

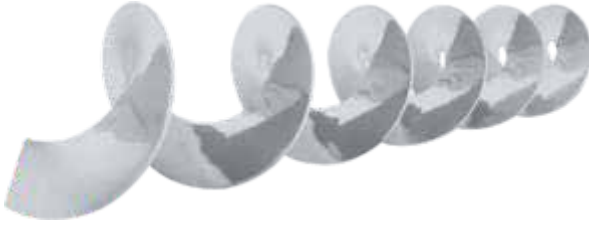


Salmastralı ve Kepli Yatak
Sealed And Capped Bearing

Boruya Kaynaklı Helezon Krom ve Siyah
Carbon Steel Or Stainles Steel Screw Flight Welded On Shaft / Pipe



Krom Soğuk Çekme Helezon
Stainles Steel Cold Rolled Helicoid Flight



Siya Soğuk Çekme Helezon
Carbon Steel Cold Rolled Helicoid Flight



Tepe Yatağı
End Bearing
المسند السفلي للحلزون

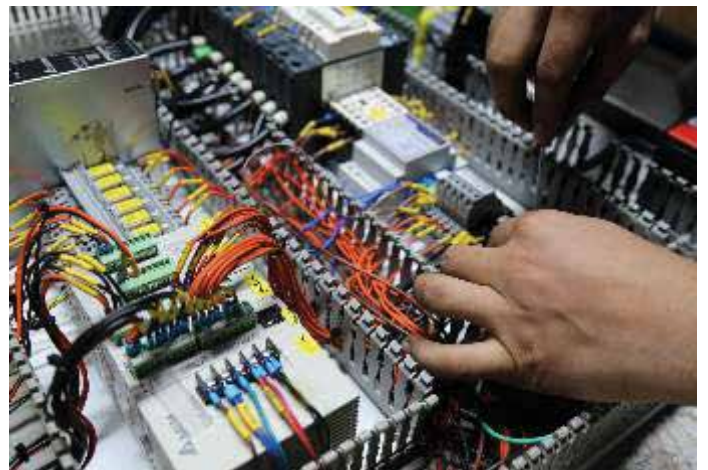
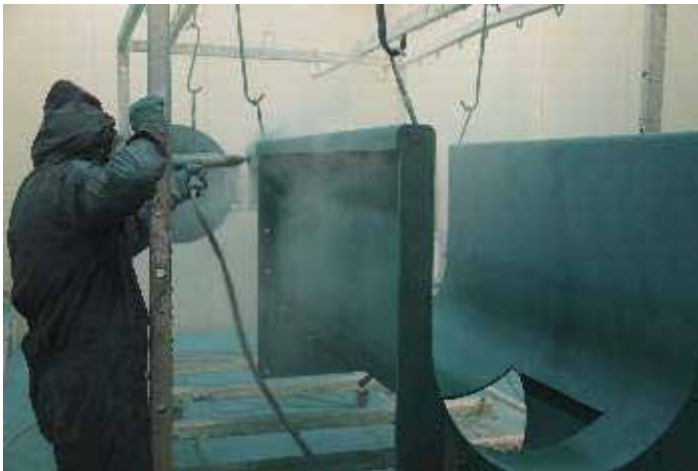


Çıkış Outlet
مخرج













NO	FİRMA ADI / FIRM NAME	PROJE / PROJECT	ÜLKE / COUNTRY
1	AKINCI BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
2	AKINCI BULGUR	120 T/24 H BULGUR MANUEL COOKING UNIT / Manuel Pişirme Ünitesi	TURKEY
3	ARBEL A.Ş.	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 1. Etap	TURKEY
4	ARBEL A.Ş.	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 2. Etap	TURKEY
5	ARBEL A.Ş.	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 3. Etap	TURKEY
6	ARBEL A.Ş.	240 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 4. Etap	TURKEY
7	ARBEL A.Ş.	120 T/24 H ASHURE PROCESS LINE / Aşurelik Buğday İşleme Hattı	TURKEY
8	ARMADA FOODS	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 1. Etap	TURKEY
9	ARMADA FOODS	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 2. Etap	TURKEY
10	AS BESİN GIDA	120 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	TURKEY
11	AS BESİN GIDA	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
12	AS BESİN GIDA	120 T/24 H ASHURE PROCESS LINE / Aşurelik Buğday İşleme Hattı	TURKEY
13	BAŞHAN GROUP	120 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı 1.Etap	TURKEY
14	BAŞHAN GROUP	360 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı 2.Etap	TURKEY
15	BAŞHAN GROUP	80 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 1. Etap	TURKEY
16	BAŞHAN GROUP	240 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı 2. Etap	TURKEY
17	MEMİŞOĞLU [TAT] GROUP	120 T/24 H BULGUR COOKING AND DRYING UNIT / Pişirme ve Kurutma Ünitesi 1. Etap	TURKEY
18	MEMİŞOĞLU [TAT] GROUP	120 T/24 H BULGUR COOKING AND DRYING UNIT / Pişirme ve Kurutma Ünitesi 2. Etap	TURKEY
19	MEMİŞOĞLU [TAT] GROUP	240 T/24 H BULGUR COOKING AND DRYING UNIT / Pişirme ve Kurutma Ünitesi 3. Etap	TURKEY
20	MEMİŞOĞLU [TAT] GROUP	LENTIL PROCESS LINE MACHINE / Mercimek İşleme Makinaları	TURKEY
21	UĞUR GROUP	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
22	ÖZHANLAR GIDA	BULGUR PROCESS LINE MACHINE / Bulgur Üretim Makinaları	TURKEY
23	ÖZHANLAR GIDA	120 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	TURKEY
24	PTN AGRO	120 T/24 H BULGUR MANUEL CLENAING AND COOKING UNIT / Temizleme ve Manuel Pişirme Ünitesi	TURKEY
25	TİRYAKİ GROUP	240 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
26	TİRYAKİ GROUP	500 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	TURKEY
27	DİCLE GROUP	240 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	TURKEY
28	ÖZSARI GIDA	240 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	TURKEY
29	ÖZSARI GIDA	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
30	EKOTURKA INC.	120 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	TURKEY
31	DAĞYUDAN BULGUR	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
32	DAĞYUDAN BULGUR	120 T/24 H BULGUR PROCESS LINE / Frik Kurutma Kulesi	TURKEY
33	İPEK BULGUR	360 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
34	BAHAROĞLU BULGUR	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
35	BULSAN BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
36	ÖNERSAN BULGUR	80 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
37	İNCİ BULGUR INC.	80 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
38	MARSAH BULGUR	80 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
39	LEZİZ BULGUR	80 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
40	SIMAS BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
41	DAĞLI BULGUR	80 T/24 H BULGUR PROCESS LINE / Pişirme ve Kurutma Ünitesi 1.Etap	TURKEY
42	DAĞLI BULGUR	80 T/24 H BULGUR COOKING AND DRYING UNIT / Pişirme ve Kurutma Ünitesi 1.Etap	TURKEY
43	DAĞLI BULGUR	BULGUR PROCESS LINE MACHINE / Bulgur Üretim Makinaları	TURKEY
44	MES BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
45	BATMAN BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
46	CAN BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
47	FIRAT BULGUR	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	TURKEY
48	ÇEVİK BULGUR	BULGUR PROCESS LINE MACHINE / Bulgur Üretim Makinaları	TURKEY
49	DAYIOĞLU BULGUR	BULGUR PROCESS LINE MACHINE / Bulgur Üretim Makinaları	TURKEY
50	PARLAK BULGUR	BULGUR PROCESS LINE MACHINE / Bulgur Üretim Makinaları	TURKEY
51	HÜSNÜ ÖZMEN GIDA	YELLOW LENTIL UNIT & POUNDED WHEAT UNIT / Sarı Mercimek ve Aşurelik Buğday Birimleri	TURKEY
52	BEŞLER GROUP	SCREW CONVEYOR AND ELEVATOR SYSTEMS FOR WHEAT / Buğday için Helezon ve Elevatör Sistemleri	TURKEY
53	SANKO HOLDING	SCREW CONVEYOR AND ELEVATOR SYSTEMS / Helezon ve Elevatör Sistemleri	TURKEY
54	SAYINLAR OIL INC.	SCREW CONVEYOR SYSTEMS TO RAW MATERIAL SILOS / Hamadde Siloları için Helezon Sistemleri	TURKEY
55	SUNAR MISIR	SCREW CONVEYOR AND ELEVATOR SYSTEMS / Helezon ve Elevatör Sistemleri	TURKEY
56	MERAM UN	WHEAT PEELING UNIT/ Buğday Kabuk Soyma Ünitesi	TURKEY
57	MAS BAKLİYAT	LENTIL PROCESS LINE MACHINE / Mercimek İşleme Makinaları	TURKEY
58	İSTANBUL AGRO	RICE PROCESS LINE MACHINE / Mercimek İşleme Makinaları	TURKEY
59	TEKİNLER [PIRLANTA] GIDA	LENTIL AND BULGUR PROCESS LINE MACHINE /Bulgur ve Mercimek İşleme Makinaları	TURKEY
60	YAYLA GROUP	LENTIL PROCESS LINE MACHINE /Mercimek İşleme Makinaları	TURKEY
61	YILMAZ BULGUR	BULGUR PROCESS LINE MACHINE / Bulgur Üretim Makinaları	TURKEY
62	MERTCAN MAKİNA	PLASTİK GERİ DÖNÜŞÜM MAKİNA VE EKİPMANLARI	TURKEY



NO	FİRMA ADI / FIRM NAME	PROJE / PROJECT	ÜLKE / COUNTRY
63	ABDUL AL BASID	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
64	ADNAN NASHEF	80 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	SYRIA
65	AHMED BIN AFIF	80 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	SYRIA
66	AL RAFADAIN BULGUR	120 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
67	AL KERNAZI	PROJECT: 120 T/24 H DONE: 60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
68	FARHAN CO. AL JAZERAH BUL.	40 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
69	GHAZAL TRADING CO.	120 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	SYRIA
70	KHALIL ALISSA ALDAKRLI	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
71	MUHAMMED AED AL BOSHE	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
72	MUHAMMED CARBUKH	60 T/24 H LENTIL PROCESS LINE - 80 T/24 H BULGUR PROCESS LINE / Mercimek ve Bulgur İşleme Hatları	SYRIA
73	SEMS GROUP	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	SYRIA
74	SEMS GROUP	RENEWING RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı Yenileme	SYRIA
75	SHAMEL	BULGUR MACHINES / Bulgur Makineleri	SYRIA
76	ALNAKHEL	LENTIL & BULGUR PROCESS LINE / Mercimek & Bulgur İşleme Hattı	SYRIA
77	ELWELELY GROUP	10 T/H LENTIL PROCESS LINE / Mercimek İşleme Hattı	EGYPT
78	WAHBA EGYPT CO.	BULGUR MACHINES AND BEAN PROCESS LINE / Bulgur Makineleri ve Bakla İşleme Hattı	EGYPT
79	SYRIAN FOOD IND.	100 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	EGYPT
80	SAFWAN ABO AMMASH	120 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	EGYPT
81	INTERNATIONAL FOR IMPORT OMAR KHALIFA	PULSES PROCESS LINE / Bakla İşleme Hattı	EGYPT
82	KHALID AL-HAQAS	200 T/24 H POUNDED WHEAT PROCESS LINE / Aşurelik Buğday İşleme Hattı	SAUDI ARABIA
83	KHALID AL-HAQAS	60 T/24 H POUNDED WHEAT PROCESS LINE / Aşurelik Buğday İşleme Hattı	SAUDI ARABIA
84	KHALID AL-HAQAS	8.000 T Steel Silo and Equipments / ÇELİK SİLO VE EKİPMANLARI	SAUDI ARABIA
85	SHREE KAILASH FLOUR MILL	WHEAT PROCESS LINE / Buğday İşleme Hattı	INDIA
86	GAJRAJ AGROTECH	WHEAT PROCESS LINE / Buğday İşleme Hattı	INDIA
87	RADHA	WHEAT PROCESS LINE MACHINES / Buğday İşleme Hattı Makineleri	INDIA
88	SOCIATE BOVAGRI	WHEAT PROCESS LINE / Buğday İşleme Hattı	TUNISIA
89	WARDA	GRAIN AND PULSES PROCESS LINE MACHINES / Hububat ve Bakla İşleme Hattı Makineleri	TUNISIA
90	SOBHY NAKHLY	WHEAT PROCESS LINE MACHINES / Buğday İşleme Hattı Makineleri	ISRAEL
91	SONS OF GEORGE SHUKHA	WHEAT PROCESS LINE MACHINES / Buğday İşleme Hattı Makineleri	ISRAEL
92	DALIA SEEDS	QUINOA, WHEAT PEELING AND CLEANING MACHINES / Kinoa, Buğday Soyma ve Temizleme Makineleri	ISRAEL
93	OSMA INVESTMENT	120 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	ETHIOPIA
94	HENDEKE PROMOTION	WHEAT AND LENTIL PROCESS LINES / Buğday ve Mercimek İşleme Hatları	ETHIOPIA
95	AL TAAWON FOODSTUFF	LENTIL PROCESS LINE / Mercimek İşleme Hattı	BAHREIN
96	EMC ENGINEERING	SCREW CONVEYOR AND ELEVATOR SYSTEMS / Helezon ve Elevatör Sistemleri	JORDAN
97	ABU ODEH BROS CO. LTD.	WHEAT PROCESS LINE MACHINES / Buğday İşleme Hattı Makineleri	JORDAN
98	GLAVA	WHEAT PROCESS LINE MACHINES / Buğday İşleme Hattı Makineleri	RUSSIA
99	ATK	GRAIN AND PULSES PROCESS LINE MACHINES / Hububat ve Bakla İşleme Hattı Makineleri	RUSSIA
100	BASHAN GROUP	120 T/24 H LENTIL PROCESS LINE / Mercimek İşleme Hattı	KYRGYZSTAN
101	RUSBANA ENGINEERING	WHEAT, GRAIN AND PULSES PROCESS LINE MACHINES / Buğday, Hububat ve Bakla İşleme Hattı Makineleri	UKRAINE
102	CORNTech	GRAIN AND PULSES PROCESS LINE MACHINES / Hububat ve Bakla İşleme Hattı Makineleri	POLAND
103	CEREAL PLANET [OLIMP LTD.]	BULGUR AND WHEAT PROCESS LINE MACHINES / Bulgur ve Buğday İşleme Hattı Makineleri	UKRAINE
104	AGRINO CO.	40 T/24 H BROAD BEAN PROCESS LINE / Kuru Bakla İşleme Hattı	GREECE
105	ALCO CO.	40 T/24 H POUNDED WHEAT [ASHURE] PROCESS LINE / Aşurelik Buğday İşleme Hattı	GREECE
106	UNITED PULSE TRADING	300 T/24 H RED LENTIL PROCESS LINE / Kırmızı Mercimek İşleme Hattı	USA
107	SOUTH DAKOTA PULSE	LENTIL PROCESS LINE / Mercimek İşleme Hattı	USA
108	CODEMA	WHEAT-LENTIL-PULSES PROCESS MACHINES / Buğday, Mercimek, Bakla Makineleri	USA
109	AMERICAN MILLING GROUP	WHEAT, LENTIL PROCESS MACHINES / Buğday, Mercimek İşleme Makineleri	USA
110	AGT FOODS	LENTIL PROCESS LINE / Mercimek İşleme Hattı	USA
111	AGT FOODS	LENTIL PROCESS LINE / Mercimek İşleme Hattı	CANADA
112	PULSIFY	LENTIL PROCESS LINE / Mercimek İşleme Hattı	CANADA
113	GLOBAL COMMODITIES TRADE	LENTIL PEELING & SPLITTING LINE / Mercimek Soyma & Ayıklama Hattı	CANADA
114	CORNINE COMMODITIES	LENTIL & BEAN PEELING AND POLISHING MACHINES / Mercimek & Bakla Soyma ve Parlatma Makineleri	CANADA
115	LISKO FOOD	BULGUR AND WHEAT PROCESS LINE MACHINES / Bulgur ve Buğday İşleme Hattı Makineleri	SOUTH CYPRUS
116	TAK MACARONE ARDDARAN	WHEAT PROCESS LINE MACHINES / Buğday İşleme Hattı Makineleri	IRAN
117	SARL MOULINS CHIFA	BARLEY CLEANING, PEELING PROCESS MACHINES / Arpa Temizleme, Soyma İşleme Makineleri	ALGERIA
118	MAGLIONE	PULSES PROCESS LINE MACHINES / Hububat İşleme Hattı Makineleri	ARGENTINA
119	BRASCOLE	50 T/24 HWHEAT PROCESS LINE / Buğday İşleme Hattı	CHILE
120	SUPERBRIX	GRAIN AND PULSES PROCESS LINE MACHINES / Hububat ve Bakla İşleme Hattı Makineleri	COLOMBIA
121	RAGRAR 2007	60 T/24 H BULGUR PROCESS LINE / Bulgur İşleme Hattı	HUNGARY
122	BABEK	LENTIL PROCESS LINE / Mercimek İşleme Hattı	AZERBAIJAN
123	DJILI SOY	PULSES PROCESS LINE MACHINES / Bakla İşleme Hattı Makineleri	BULGARIA
124	AGT FOODS	LENTIL PROCESS LINE / Mercimek İşleme Hattı	AUSTRALIA



Natürel Buğday
Natural Wheat



Başbaş Bulgur
Unhulled Wheat



İri Pilavlık Bulgur
Coarse Type Bulgur



Orta Pilavlık Bulgur
Middle Type Bulgur



Köftelik Bulgur
Fine Type Bulgur



Natürel Mercimek
Natural Lentil



Temiz Mercimek
Clean Lentil



Temiz Mercimek
Clean Lentil



Futbol Tip Mercimek
Football Type Lentil



Yaprak Tip Mercimek
Leaf Type Lentil



Arpa
Barley



Beledi Baklası Kabuklu
Unhulled Broad Bean



Beledi Baklası Soyulmuş
Hulled Broad Bean



İngiliz Baklası Kabuklu
English Type Broad Bean



İngiliz Baklası Soyulmuş
Hulled English Type



Bezelye Kabuklu
Unhulled Pea



Bezelye Soyulmuş
Hulled Pea



Nohut kabuklu
Unhulled Chickpea



Kinoa
Quinoa



Mısır / Popcorn
Corn



Kırık Bulgur
Brushed Bulgur



Bulgur Unu
Flour



Kırık Mercimek
Splitted Lentil



Mercimek Unu
Lentil Flour



Mercimek Kepeği
Lentil Bran



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