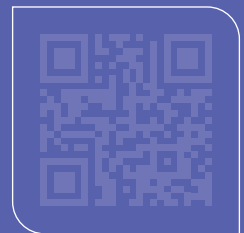




همیشه در کنار شما هستیم



**Bahavar Akal**.plc  
Tehran, Iran



**درباره ما:**

با بیش از ۲۰ سال سابقه و دانش فنی غنی، شرکت بازرگانی بهاور آکال به عنوان یکی از واردکنندگان معتبر خطوط تولید، دستگاه های سورتینگ و تجهیزات آزمایشگاهی در ایران شناخته می شود. ما مفتخریم که با همکاری با برندهای مطرح جهانی همچون باستاک، تنیس، ساتاکه، جی کی ماشینری و انی سورت، تجهیزاتی با کیفیت بالا، کارآمد و مطابق با فناوری روز دنیا را به فعالان صنعت فرآوری غلات در ایران عرضه می کنیم

بهاور آکال با بهره مندی از دانش و تجربه تیم متخصص خود، طیف گسترده ای از تجهیزات و خدمات را در حوزه فرآوری غلات ارائه می دهد. متخصصین ما با در نظر گرفتن نیازهای خاص شما، مشاوره تخصصی را برای انتخاب و یا طراحی خط تولید مناسب با بالاترین استانداردهای بین المللی ارائه می دهند. همچنین، خدمات پس از فروش شامل نصب، راه اندازی و پشتیبانی فنی برای اطمینان از عملکرد بهینه تجهیزات در اختیار شما قرار خواهد گرفت



### محصولات و خدمات بهاور آکال:

خطوط تولید کامل: خطوط تولید گندم، جو و برنج با طراحی سفارشی و مطابق با نیازهای شما، برای دستیابی به بالاترین سطح کارایی و کیفیت محصول نهایی

**دستگاه های سورتینگ پیشرفته:** با استفاده از فناوری های نوین، دستگاه های سورتینگ بهاور آکال امکان تفکیک دقیق دانه ها بر اساس اندازه، رنگ، شکل، آسیب دیدگی و سایر عوامل را فراهم می کنند و به شما اطمینان خاطر از کیفیت و سلامت محصول نهایی می دهند.

**دستگاه های آزمایشگاهی با دقت بالا:** برای کنترل دقیق وزن و کیفیت دانه ها در مراحل مختلف فرآوری، بهاور آکال انواع دستگاه های آزمایشگاهی با دقت بالا را ارائه می دهد که تضمین کننده یکنواختی و کیفیت محصول نهایی هستند

### مزایای همکاری با بهاور آکال:

تخصص و تجربه: تیم متخصص و با تجربه ما همواره برای ارائه مشاوره و راهنمایی به شما آماده اند

کیفیت تضمین شده: همکاری با برندهای معتبر جهانی، تضمینی بر کیفیت و دوام تجهیزات ارائه شده است

**خدمات جامع:** از مشاوره اولیه تا پشتیبانی پس از فروش، بهاور آکال در کنار شماست تا موفقیت شما را رقم بزند

**راه حل های سفارشی:** ما با در نظر گرفتن نیازهای خاص شما، راه حل های بهینه و سفارشی ارائه می دهیم

**بهاور آکال، شریک قابل اعتماد شما در صنعت فرآوری غلات**



کلوتن ایندکس

**CENTRIFUGE CHEQ 2100**

With this device, the amount and quality of wet gluten obtained from flour, whole wheat flour, semolina, bulgur, vital gluten and vermicelli are determined at world standards, and a unique analysis experience is offered to the user. Measurement of gluten amount, dry gluten and gluten index values in flour and semolina used in bread, pasta, biscuits and pasta is very important in measuring the final product volume, determining the baking and cooking quality and ensuring that the product conforms to world standards.



کلوتن شور

**GLUTEN CHEQ 6000**

It separates the wet gluten in commercial flour, wheat flour, whole wheat flour, durum wheat flour, bulgur, vital gluten, vermicelli, semolina and determines the wet gluten amount of 2 samples at the same time in 5 minutes in accordance with international standards.

**ROLLER MILL 4000**

It is a laboratory type roller mill. It is used in grinding both annealed and unannealed wheat, after grinding, flour and bran are taken from two separate chambers without mixing. It is a blending mill that enables the necessary changes and corrections to be made by predetermining the values of the flour to be ground in the factory. Depending on the wheat quality, it has 50-60% flour yield.

**DRY CHEQ 2500**

With 2500 model Dry Cheq Device produced with the world's best quality machinery with the latest technology in the Bastak factory with a closed area of 7000 square meters, final and exact dry gluten values of wet gluten samples obtained from commercial flour, wheat flour, whole wheat flour, durum wheat flour, bulgur, vital gluten, vermicelli, semolina are determined at world standards, providing a unique analysis experience to the user.



رطوبت سنج

**Moisture meter 16000**

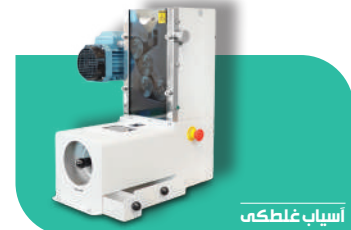
The 16000 model Moisture Meter Device, produced with the world's best quality machine park with the latest technology in the Bastak factory with a closed area of 7000 square meters; can perform moisture analysis in 8-10 seconds in a total of 40 different samples, including cereals, nuts, legumes, oil seeds, feed and feed raw materials, in accordance with international standards.



اسیاب چکشی

**HAMMER MILL 1900**

Bastak Brand 1900 Model Hammer Mill is used in the grinding process of cereals, legumes, oil seeds, feed raw materials and feeds.



اسیاب غلطکی

**ROLLER MILL 4500S**

It is a double passage air circulation laboratory type roller semolina mill. The device is an annealed wheat mill, but it can be used for both annealed and non-annealed wheat milling if desired. The device consists of two parts: crushing and grinding. By breaking the wheat passing through the rollers in the crushing area, crushing flour can be taken from the first of the collection containers located under the sieving area, coarse dirty semolina from the second, and clean coarse bran from the collection container located in the front of the device from separate areas.



اسیاب غلطکی (سمولینا)

الک آزمایشگاهی

**WOODEN SIEVE SHAKING DEVICE 8000**

Bastak brand, model 8000. The device is used to determine the homogeneity of flour, particle size and the ratio of particles to each other. It is also used to adjust the distance of the rolls in flour mills and to control the sieve system by controlling the daily production. The device is microprocessor controlled.



فالینگ نامبر دو کاناله

**FALLING NUMBER 5100**

Bastak brand 5000 and 5100 model FN Cheq (Falling Number) devices, of which more than 20,000 devices are operating in thousands of flour, bread, pasta, biscuits, grain industry manufacturers, universities, research industries and grain quality control analysis laboratories around the world, detect the amount of malt enzyme or commercial alpha amylase enzyme in 2 samples simultaneously in 10 minutes in commercial flour, wheat flour, whole wheat flour, durum wheat flour, bulgur, vital gluten, vermicelli, semolina.



شیکر زلنی

**SEDIMENTATION 3100**

3100 model Sedimentation 3100 (Zeleny) Device, produced with the world's best quality machinery with the latest technology in the Bastak factory with a closed area of 7000 square meters is used to determine the pasta, bread quality of the samples obtained from commercial flour, wheat flour, whole wheat flour, durum wheat flour, bulgur, vital gluten, vermicelli, semolina and the damage of sunn pest (insect) in international standards. Sedimentation volume is determined in international standards.



فالینگ نامبر تک کاناله

**FALLING NUMBER 5000**

Bastak brand 5000 and 5100 model FN Cheq (Falling Number) devices, of which more than 20,000 devices are operating in thousands of flour, bread, pasta, biscuits, grain industry manufacturers, universities, research industries and grain quality control analysis laboratories around the world, detect the amount of malt enzyme or commercial alpha amylase enzyme in 2 samples simultaneously in 10 minutes in commercial flour, wheat flour, whole wheat flour, durum wheat flour, bulgur, vital gluten, vermicelli, semolina.

**SAMPLING PROBE 10200**

Bastak Brand 10200 Model Sampling Probe with new generation patented sampling system performs 100% representative sampling of the following products from trucks, ships, lorries and wagons:

**RESISTOGRAPH 500**

With the Bastak Brand Resistograph 500 device, the negative effects of gravity are eliminated by using a special rail dough stretching mechanism moving from bottom to top, at 45, 90 and 135 minutes, which are test times long enough to understand the rheological properties of the dough, and a graph is obtained by recording the applied force as a result of the test.

**SD CHEQ 15000****CRUSHING MILL 1650**

1650 Model Laboratory type disc mill. It is used to divide the sample into smaller pieces in wheat, corn, barley, rye and other grains and oilseeds. It is especially used in sample preparation for moisture analysis in the oven.

**FNX SHAKER 5050**

Bastak FNX Shaker 5050 falling number, one of the accessories of the FN Cheq device, provides operator-independent results of the analysis samples to be tested, mixes the sample in the same way every time, provides high repeatability of the analysis result and increases laboratory efficiency by reducing the sample mixing time to 3 seconds.

**ABSOGRAPH 500**

With Bastak Brand Absograph 500 devices, rheological properties of dough and rheological behavior of dough, which is one of the critical parameters to reveal the baking value of flour; high repeatability. With its high accuracy, ease of use, remote software update features, it can be determined directly by international standards and its effect on the final product quality.

**COOLING TOWER 5025**

Bastak FN 5025 Cooling Tower provides cooling water circulation and saves time and cost with its robust and ergonomic structure.

**SAMPLER CLEANER 13500**

"BASTAK" brand, model number 13500, is a sample cleaning device. The device uses the interchangeable cylindrical sieve inside to screen and classify the sample. It accumulates the samples in the weighing compartments.



NIT



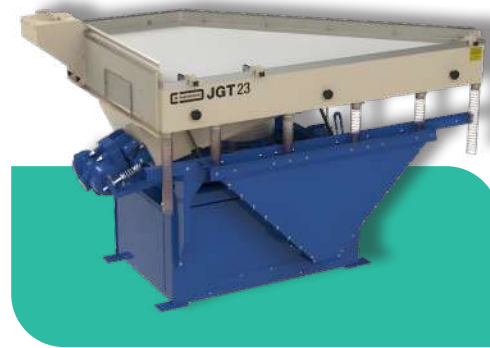
هکتولتر

Hectoliter



### JHC Compact Peeler

The JHC compact dehuller is designed for dehulling grains such as spelt wheat, einkorn wheat and oats, etc.



### JGT Pneumatic sorting tables

JGT pneumatic sorting tables are used to sort materials with the same grain size but different specific gravity. They are most often used to clean seed materials and small seeds.



### JHI Impact Peeler

JHI hullers utilize the kinetic energy of the impact of flying grain. The machines can be used to hull sunflower and other oilseeds with hard husks that will separate upon impact. They can also be used to hull grains. Different types of hulling segments are available for different materials.



### Vibro Dandruff Brush

Vibro Bran Brush separates the flour stuck to the bran in flour mills and brings it into the system, thus increasing efficiency and preventing loss.



### PURIDANT Semolina Purifier

It is used to classify semolina and medium quality products and to remove the lighter bran in semolina by aspiration. Ideal for the production of high quality flour, the semolina purifier is used in the production of fine flours with low ash and starch damage.



### TITANIUS Square Sieve

It is used for sifting and classifying wheat ground in rollers. The sieving process is organized according to the mill scheme and is designed to achieve the highest possible efficiency in minimal confined spaces.



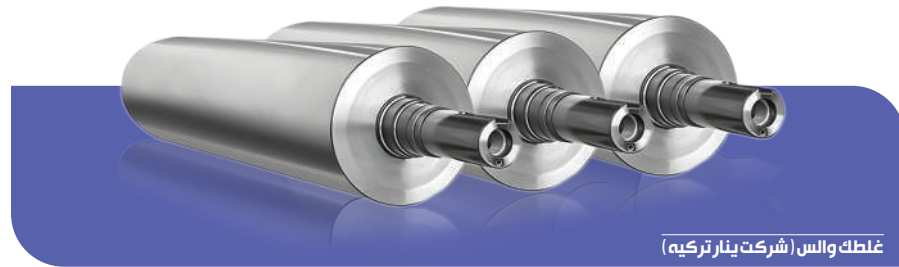
### THOR Pneumatic Roller

The high-capacity separator pre-cleans the seeds and grains, cleans the foreign substances in the products with super effective sieves and air channels and extends their storage life.



### Double Deck Pneumatic Roller

Pneumatic rollers have great power and capacity and are manufactured with excellent engineering and workmanship. Thus, a regular mill operation and high quality finished product is achieved.



غلطک والس (شرکت پینار ترکیه)



پولای های والس



رامکا PVC به همراه توری SEFAR



**NIRAMI**  
The Ultimate Solution in  
Optical Sorting



**EZER**  
Rice Sorter with  
Optimal Combination of  
Cost and Quality



**BELTUZA  
SPECTRA**  
Unified spectral imaging system

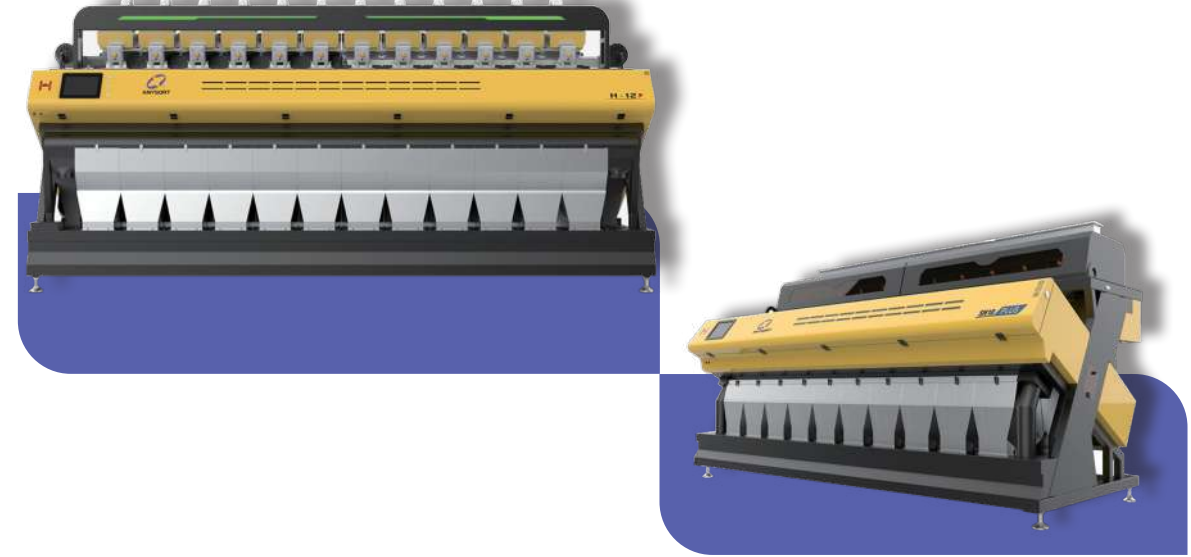


**FMS 2000/2000F**  
Optical Sorter  
FMS Series

انواع سورتز مناسب گندم، حبوبات و برنج



Model	Throughput (t/h)	Accuracy (%)	Carryover Ratio	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
SC3 PRO	2.5-12	≥99.99	> 100:1	1.7	220/50	1870*1690*2194	1170
SC5 PRO	3.5-17	≥99.99	> 100:1	2.6	220/50	2550*1690*2194	1640
SC7 PRO	6-24	≥99.99	> 100:1	3.5	220/50	3230*1690*2194	2100
SC8 PRO	6-28	≥99.99	> 100:1	3.9	220/50	3570*1690*2194	2310
SC10 PRO	8-35	≥99.99	> 100:1	5	220/50	4150*1690*2194	2760
SC12 PRO	13-42	≥99.99	> 100:1	5.9	220/50	4830*1690*2194	3220
SE3 PRO	2.5-10	≥99.99	> 100:1	2.4	220/50	1870*1690*2194	1198
SE5 PRO	3.5-17	≥99.99	> 100:1	3.3	220/50	2550*1690*2194	1680
SE7 PRO	6-24	≥99.99	> 100:1	4.5	220/50	3230*1690*2194	2210
SE8 PRO	6-28	≥99.99	> 100:1	4.9	220/50	3570*1690*2194	2410
SE10 PRO	8-35	≥99.99	> 100:1	6	220/50	4150*1690*2194	2870
SE12 PRO	13-42	≥99.99	> 100:1	6.9	220/50	4830*1690*2194	3350



Model	Throughput (t/h)	Accuracy (%)	Carryover Ratio	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
SH5 PLUS	3-15	≥99.99	> 100:1	2.6	220/50	2550*1760*2135	1400
SH7 PLUS	5-21	≥99.99	> 100:1	3.5	220/50	3230*1760*2135	1810
SH8 PLUS	5-24	≥99.99	> 100:1	3.9	220/50	3570*1760*2135	2030
SH10 PLUS	7-30	≥99.99	> 100:1	5	220/50	4150*1760*2135	2900
SH12 PLUS	8-36	≥99.99	> 100:1	5.9	220/50	4830*1760*2135	3400

انواع سورتز مناسب گندم، حبوبات و برنج



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