



B.MAC-007-1



B.MAC-007-2



B.MAC-007-3



B.MAC-007-4



B.MAC-007-5



B.MAC-007-6

AKYUREK GRADING SCREENING MACHINES



Akyurek Girder Screening Machines B.MAC-007 Series

- it is used for screen sizing grains and dry grained products such as seeds.
- it has 6 models having screening area between 2 m² and 12 m².
- it can provide sized products between 2 and 7 sizes.
- it provides excellent analysis thanks to reciprocal Z flow screen array.
- it provides high efficiency in screens with the brushed system.

Free or Vibratory Product Feed

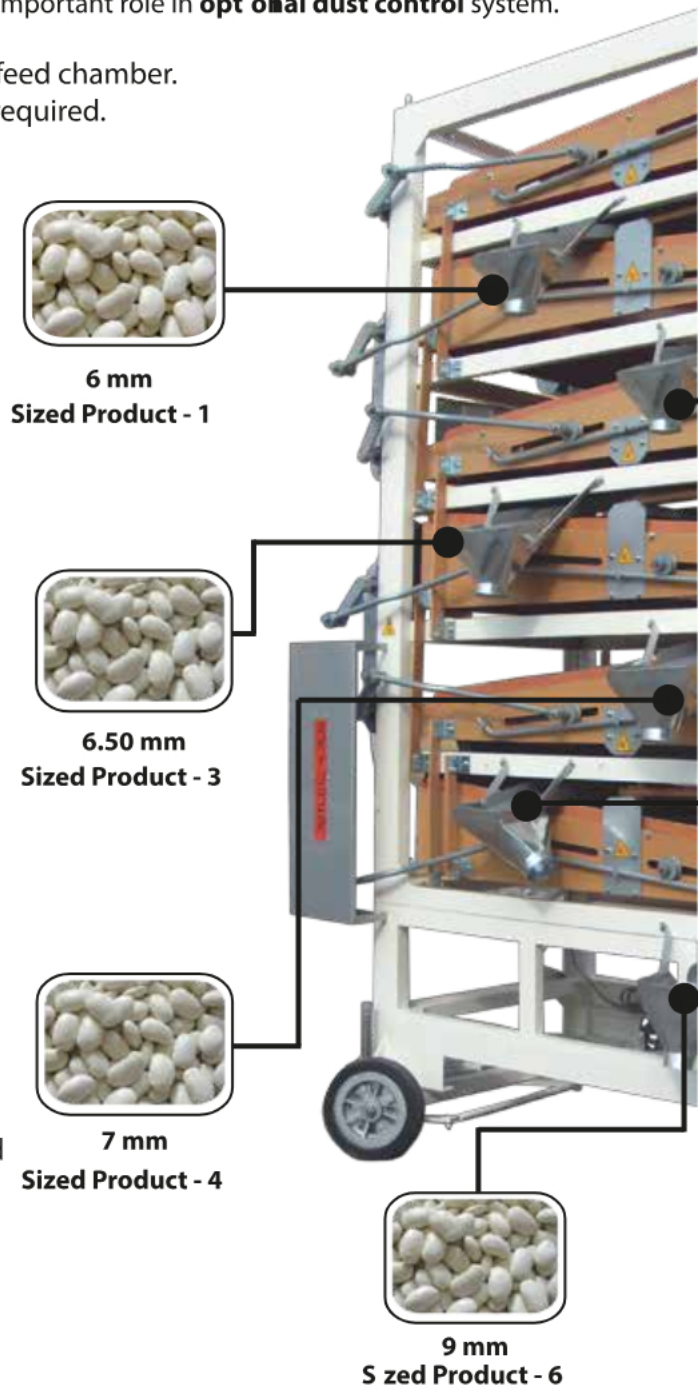
- uninterrupted and regular product flow is maintained from elevator or bunker.
- * **optional - large Liner feeding vibratory**, maintains product feed process equally through entire width of the screen.
- * as the liner feed vibratory distributes the product evenly, it has an important role in **optional dust control** system.
- * it can keep itself clean.
- * product blocking is prevented thanks to the special product feed chamber.
- * cleaning is not required when various product processing is required.

Entrance and Exit Air Suction System *OPTIONAL

- * smooth and independent dust cleaning is manufactured as a separate system.
- * it is used for cleaning dust and light products before the product reaches to screens.
- * it is used for increasing effect of product cleaning process and the increasing the capacity.
- * the product provides an excellent product purity with the air suction performed before product outlet, light grains, shells, etc. by-products are cleaned.

Screen Tubes

- have long operation life thanks to resistant construction.
- have long operation life thanks to flyboard absorbing the vibration.
- resistant for humid and insects.
- screen contact points have easy-replaceable pieces.
- * **optional** -laser cut black plate tubes, chrome plate tubes and screens.



Akyurek Screens Fit for All Purposes

- slit screens between 1,0 and 25,0 mm are used based on products.
- round screens between 0,50 and 50,0 mm are used based on products.
- wire mesh is available based on products.
- frequent perforated screens are used for preventing minimum analysis loss.
- black plate screens available in standard production and galvanized or chrome screens are optional.
- produced in standard dimensions for minimizing the spare screen requirement.
- 2000 mm (Boy) x 1000 mm (En) = 2 m², can be used in 80% of Akyurek Screens.

Brush System

- used for keeping screens clean.
- cleanness is kept at maximum level thanks to its brushes even at lowest degrees.
- successfully performs cleaning even for most difficult products with its strong structure.
- screens can be easily replaced since installed separately with screens.

Balanced Eccentric System

- balanced with counter weights for smooth operation principle.
- applies minimum stress to building ground and machine chassis.
- equipped with special support bearings.
- maintains correct RPM and stroke effect for reaching the maximum cleanness.

Product Flow Change

- fixed: all screens provide sub-screen girded products.
- grooves are re-designed for separating overscreen flow according to requirements during machine ordering and production.

Easy to use

- all machine adjustment apparatus are at accessible heights.
- machine adjustments can be done with sensitive and excellent scales.
- all adjustment points are at the same point with output grooves.



6.25 mm
Sized Product - 2



8 mm
Sized Product - 5



10 mm
Sized Product - 7

| Product Code | B.MAC-007/1 | B.MAC-007/2 | B.MAC-007/3 | B.MAC-007/4 | B.MAC-007/5 | B.MAC-007/6 |
|------------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| Number of Screens | 1 | 2 | 3 | 4 | 5 | 6 |
| Screening Surface Area | 2 m ² | 4 m ² | 6 m ² | 8 m ² | 10 m ² | 12 m ² |
| Sizing Number | 1 | 3 | 4 | 5 | 6 | 7 |
| Number of Screen | 5 | 10 | 15 | 20 | 25 | 30 |
| Total Power | 1.47 kw | 2.05 kw | 2.95 kw | 3.75 kw | 4.5 kw | 4.8 kw |
| Weight | 550 kg | 1050 kg | 1150 kg | 2200 kg | 2580 kg | 3075 kg |

Single Deck Grading Machine

B.MAC-007-1

This machine is used for separating products those are pre-cleaned or not required to be cleaned into **one or two different sizes** or removing



Double Deck Grading Machine

B.MAC-007-2

This machine is used for separating products those are pre-cleaned or not required to be cleaned into **two or three different sizes** with the screening method. It has two standard models as tube flows at the same direction and different directions.

Three Deck Grading Machine

B.MAC-007-3

This machine is used for separating products those are pre-cleaned or not required to be cleaned into **two, three or four different sizes** with the screening method.



Four Deck Grading Machine

B.MAC-007-4

This machine is used for separating seeds those are pre-cleaned or not required to be cleaned into **two, three or four different sizes** with the screening method.



Five Deck Grading Machine

B.MAC-007-5

This machine is used for separating seeds those are pre-cleaned or not required to be cleaned into **two, three, four, five or six different sizes** with the screening method.



Six Deck Grading Machine

B.MAC-007-6

This machine is used for separating seeds those are pre-cleaned or not required to be cleaned into **two, three, four, five, six or seven different sizes** with the screening method.



Grading Machines

AKYUREK GRADING SCREENING MACHINES

