



MMCTECH

SEED PROCESSING MACHINE & EQUIPMENTS
AUTOMATION SOLUTIONS



B.MAC-007-1



B.MAC-007-2



B.MAC-007-3



B.MAC-007-4



B.MAC-007-5



B.MAC-007-6

GRADING SCREENING MACHINES

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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

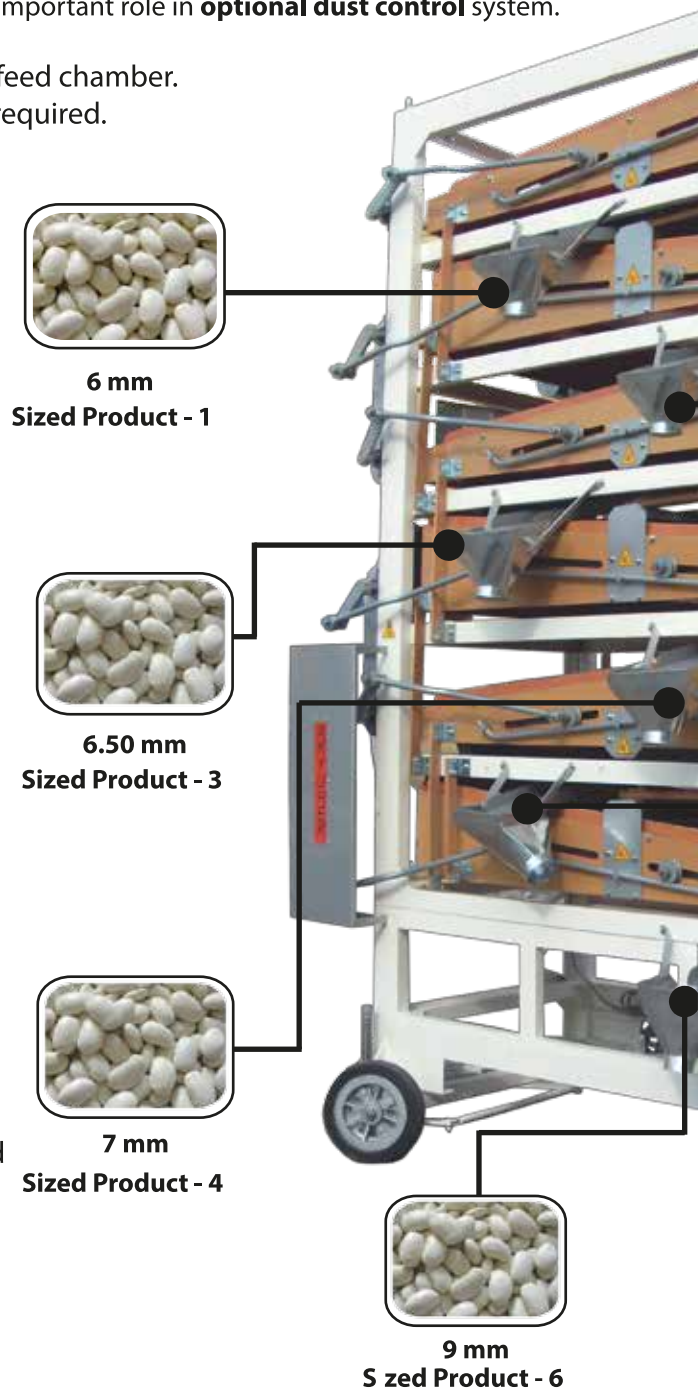
- uninterrupted and regular product flow is maintained from elevator or bunker.
- * **optional - large Liner feeding vibratory**, maintains product feed process equally through entire width of the screen.
- * as the liner feed vibratory distributes the product evenly, it has an important role in **optional 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.



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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 degress.
- 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.



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.

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