

MODULAR GRADER

GD1.03.2110.GB

GD-1000 / -1250 / -1500 / -1750



The GD modular grader is a very compact machine ensuring an accurate sizing in 4 fractions of a large variety of products in one operation

For capacity and all other specific information see the back page.

The GD [A1-B5-E81] modular grader offers the below basic features:

- Feeding section with feed roll and gate with spring.
- Pre-aspiration channel with fixed depth.
- Screen section consisting of one sieveboat with screens with fixed 6° screen inclination.
- First screen layer for grading in two fractions [large size and small size].
- Two parallel transport plates from first screen layer to the two lower screen layers; one for large size product and one for small size product.

- Two lower screen layers, where the first layer is for grading in two large size fractions and the second layer is for grading in two small size fractions.
- All screens with quick-change system.
- Four outlets in the bottom of the machine.
- Fixed drive and motors.
- Motors with PTC sensor prepared for frequency converter.

The machine is of steel construction with sieveboat of laminated wood.

Options:

- *Vibrator feeder*
- *Variable drive with frequency converter*
- *Screen section enclosed with doors*
- *Screen inclination of 4° or 8°*
- *Interlock screen system*
- *Screens with tumbling plates*
- *Adaptive aspiration control system [AAC]*

EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

MODULAR GRADER
GD-1000 / -1250 / -1500 / -1750

TECHNICAL SPECIFICATIONS:

Screen section E81	GD-1000	GD-1250	GD-1500	GD-1750
Screen size L=800 mm x W	1000	1250	1500	1750
Screen area m ²	7.2	9	10.8	12.6
Screen segments nos.	9	9	9	9
Capacity in maize t/h	3.5	4.2	5	6
Capacity in sunflower t/h	1.1	1.4	1.7	2

Capacity: estimate [guideline] based on fine cleaned product with approx. 25% product size distribution; if the product size distribution differs, the capacity will change.

DISTINGUISHING ADVANTAGES:

- Feeding section ensuring an even spread of product over the full working width of the machine
- Easily accessible screens with superior cleaning system
- Sieveboat suspended with fibreglass springs giving a smooth and safe operation due to the centrally located eccentric shaft
- Easy clean-down when changing from one product to another
- In right or left hand construction to suit individual plant layouts
- Low maintenance costs



MODULAR GRADER

GP1.02.2110.GB

GP-1000 / -1250 / -1500 / -1750



Photo shows machine enclosed with doors [option]

The GP modular grader is a very compact machine ensuring an accurate sizing in 4 fractions of a large variety of products in one operation

For capacity and all other specific information see the back page.

The GP [A1-B5-E91] modular grader offers the below basic features:

- Feeding section with feed roll and gate with spring.
- Pre-aspiration channel with fixed depth.
- Screen section consisting of two sieveboats with screens with fixed 6° screen inclination.
- Upper sieveboat with 3 screen layers for grading in two fractions [large size and small size].
- Two parallel transport plates from upper to lower sieveboat; one for large size product and one for small size product.
- Lower sieveboat with 6 screen layers; upper 3 screen layers for grading in two large size

fractions and lower 3 screen layers for grading in two small size fractions.

- All screens with quick-change system.
- Four outlets in the bottom of the machine; each outlet with integrated manually adjustable dust aspiration with 4 spouts on top of the machine for connection to an external aspiration system [customer delivery].
- Fixed drive and motors.
- Motors with PTC sensor prepared for frequency converter.

The machine is of steel construction with sieveboat of laminated wood.

Options:

- *Vibrator feeder*
- *Variable drive with frequency converter*
- *Screen section enclosed with doors*
- *Screen inclination of 4°*
- *Interlock screen system*
- *Screens with tumbling plates*
- *Adaptive aspiration control system [AAC]*

EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

MODULAR GRADER
GP-1000 / -1250 / -1500 / -1750

TECHNICAL SPECIFICATIONS:

Screen section E91	GP-1000	GP-1250	GP-1500	GP-1750
Screen size L=800 mm x W	1000	1250	1500	1750
Screen area m ²	21.6	27	32.4	37.8
Screen segments nos.	27	27	27	27
Capacity in maize t/h	10	12	15	18
Capacity in sunflower t/h	3.5	4.3	5.1	6

Capacity: estimate [guideline] based on fine cleaned product with approx. 25% product size distribution; if the product size distribution differs, the capacity will change.

DISTINGUISHING ADVANTAGES:

- Feeding section ensuring an even spread of product over the full working width of the machine
- Highly efficient dust aspiration system for each outlet with individually adjustable false air valve ensuring a uniform aspiration of each fraction
- Easily accessible screens with superior cleaning system
- Sieveboats suspended with fibreglass springs giving a smooth and safe operation due to the centrally located eccentric shaft
- Easy clean-down when changing from one product to another
- In right or left-hand construction to suit individual plant layouts
- Low maintenance costs

