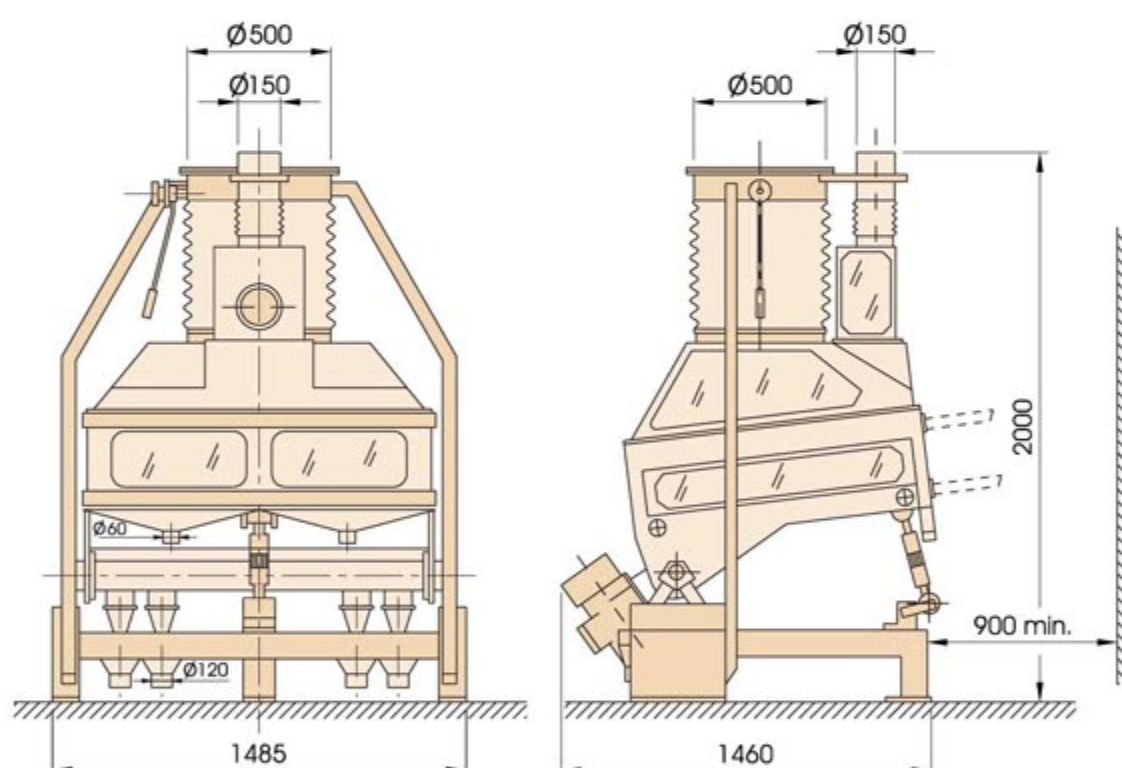


# Gravity Selector (Destoner)

AMGS

Ard Machine Gravity Selector is a conceptually new machine, which is specifically designed to make cleaning of the cereals more rational through a selection based on the gravitational floatation of the stock being treated. The following features characterize this machine:

- Separating the screenings from the cereals of lower quality (shriveled grain), avoiding loss of good stock
- Capability of the machine to be used for different cleaning diagrams
- Saving in electric power as a result of employing identical amount of air for both stoning and gravity selection work
- Working tables placed one upon the other and easily removable sieves closed into a vacuum chamber having wide sight-glasses for inspection
- Cereal is spread over the whole width of the upper table by means of a special feeding device, which does not require any adjustment
- The upper table consists of three adjacent sieves having different size openings
- The cereal is stratified by gravity both due to the movement generated by a vibrator motor and the action of the air current
- The heavy grains and stones remain on the sieve while the light fraction floats over the surface allowing the air current carry out the first selection by removing empty grains, small straws, dust, etc.
- Upon arrival at sieve 2 with a different size opening, the discharge stage of stones and the heavy wheat fraction over the lower table begins
- The heavy grain is discharged from the outlet of the lower table while the light grain fraction is discharged from the outlet of the upper table



Type: AMGS T/20

## Ard Machine Gravity Selector

Type	Output [t/h]	Motor (50 Hz) [kW]	Sieve Dimensions [cm]	Aspiration [m <sup>3</sup> /min]	Air Vacuum [mm H <sub>2</sub> O]
AMGS T/20	16	2 × 0.68	92×124	160	180

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