



SEEDTECH MULTIPLE AIR CHAMBER SYSTEMS

The STS-MACS is a multiple air chamber system, which stratifies columns of air and uses this air to separate products. Each chamber has an independently controlled blower. Separation is accomplished by using a vibratory feeder unit to feed the product into multiple enclosed chambers. Airflow is calibrated by computer-digitized control of airflow levels, which allow for precise air adjustments in each column. The multiple chamber design gives a greater degree of product separation and the desired level of product separation is obtained.

The MAC series separators are used for general cleaning and for precision grading. The STS-MACS is used to remove heavy debris such as dirt clods, rocks, glass, sticks, large particle/granular debris, chaff, inert material, pieces of broken seeds and other light unwanted materials. Possibly the most valuable use for the STS-MAC series is for precision upgrading. Utilizing a highly sophisticated, yet user friendly, variable frequency computer, airflow is controlled to each chamber. This effectively separates partially filled and immature seeds, which improves the quality of the lot and, therefore, enhances seed viability and germination.

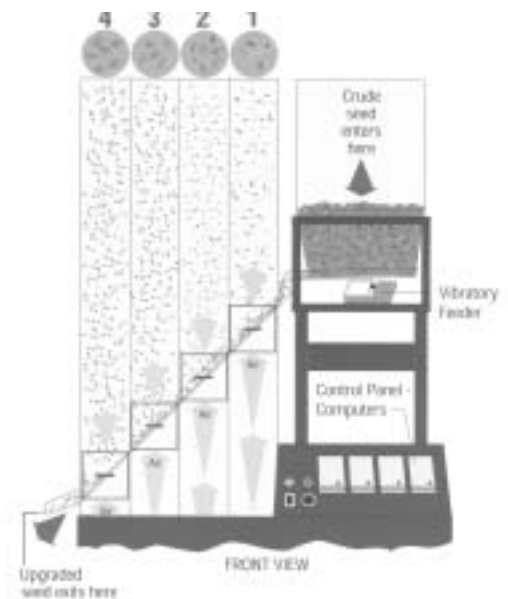
STS-MACS-104 Separator comes with four programmable LED keypad operation. It has 4 clear plastic multiple separation chambers, feed hopper, and feeder - a complete turnkey system. The 104 processes at up to 125 lbs per hour, depending upon the species. Actual Dims 48" L x 42" W x 76" H, Ship Data 250 cu.ft., 1400 lbs.

STS-MINI MACS-2C and 3C are both miniature versions of the 104 model. The MACS-2C is a two-column unit; the MAC-3C is a three-column unit. Both separators are supplied as complete turnkey systems and have clear acrylic columns, LED keypads, feeder and feed hopper. Capacity on either unit is up to 75 lbs per hour, depending upon the species. Actual Dims MAC-2C 38" L x 28" W x 66" H, Ship Dims 48" L x 40" W x 70" H, Ship Wt 600 lbs. MAC-3C 44" L x 28" W x 72" H, Ship Dims 48" L x 40" W X 86" H, Ship Wt 900 lbs.

STS-MACS-204 is a four-column separator with clear body construction, feeder, four programmable keypads and is a complete turnkey package. Rated at up to 250 lbs per hour depending upon seed density.

STS-MACS-803 comes complete with three programmable keypad operation, clear body construction, 3 multiple separation chambers, feeder stand, feeder and rated at between 800 and 1000 lbs per hour, depending upon seed density.

Collection discharge chutes on the MACS-204 and MACS-803 will be fabricated to your specifications. Larger and intermediary capacity models are available; please contact us for specifications and prices. We will be glad to test a sample of your product upon request. Standard voltage is 230V, higher voltages and European configurations are available.



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| Four Multiple Chamber Separator, 230V, 50/60Hz, 3Ph | No. MACS-104 |
| Two Chamber, Mini Macs Separator, 230V, 50/60Hz, 1Ph | No. MACS-2C |
| Three Chamber, Mini Macs Separator, 230V, 50/60Hz, 3Ph | No. MACS-3C |
| Four Multiple Chamber Separator, 230V, 50/60Hz, 3Ph | No. MACS-204 |
| Three Multiple Chamber Separator, 230V 50/60Hz, 3Ph | No. MACS-803 |