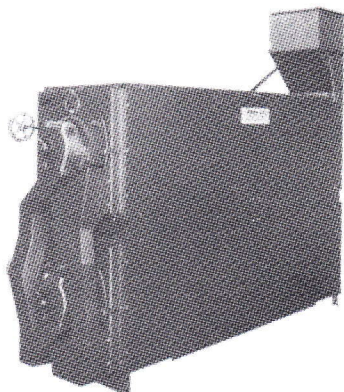
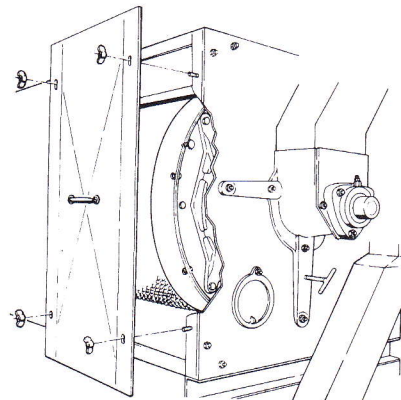


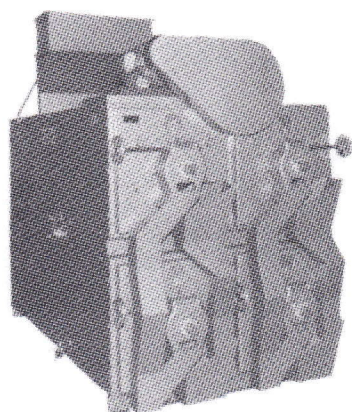
S1- QC CRIPPEN LENGTH GRADER

A simple, yet extremely accurate indented cylinder machine designed for length separations, with the Self-Flow TAPERED cylinder and our “QUICK CHANGE of CYLINDER” feature, illustrated at right.



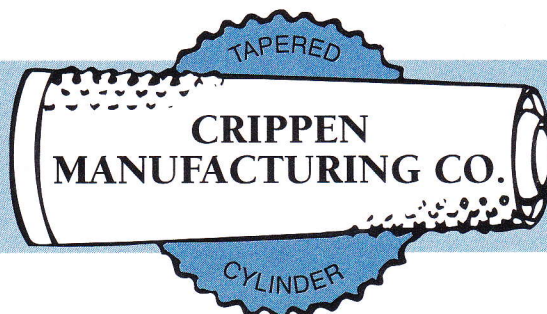
The CRIPPEN S1-QC

can be installed singly, or in banks of two-high, illustrated as our model S12-QC. The two-high units can be set to re-run either liftings or rejects, or arranged as parallel flow for higher capacity. The S12-QC's flexibility and easily changed cylinders mean fast, profitable cleaning; regardless of seed size. A very popular arrangement for grading RICE.



The CRIPPEN S1-QC

can also be arranged in multiple cylinders illustrated as our model S-22QC, that is, two-wide by two-high; again, as a series flow for regrading purposes, or parallel flow of cylinders for high capacity (using same cylinder pockets in all four cylinders). Because of our **TAPERED** cylinders, all cylinders will completely clean out when run with the feed shut off for a few minutes.



CLEANING AND GRADING MACHINERY FOR RICE AND CEREAL GRAINS from CRIPPEN

The drawing at right shows a cross section view of a double air duct, with specially designed deflector, and the spreader conveyor which feeds the **grain or rice** positively and uniformly into the air streams, leaving no blank spots; these features make BETTER Aspiration a reality in our Aspirators.

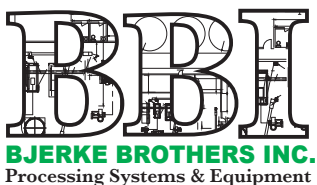
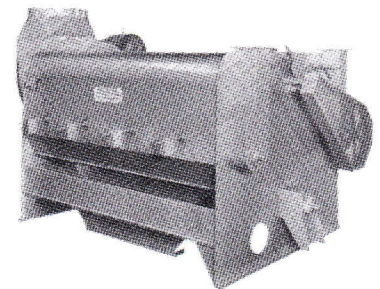
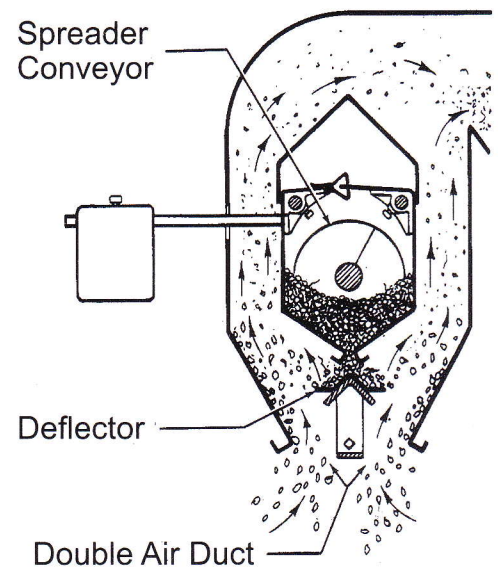
THE SECRET OF BETTER PERFORMANCE IS A GIANT WITH A FEATHER TOUCH

Built into every Crippen Aspirator is a simple, automatic device that solves the problem. A specially designed deflector (shown at right) tosses the grain or rice momentarily. For a second the kernels float in the air currents that are pulled up through the air ducts. Because of that PAUSE, the pull of the air can be held down so that it does not lift good grain or rice; yet everything lighter is lifted. This means effective, thorough aspiration with less power. In an efficient expansion chamber, the valuable screenings settle out of the air, preventing loss of good screenings in the dust collector.

Application - RICE MILLS:

On rough rice before cylinder machines, to remove dust, fine seeds and other light material after hulling, brushing, and grading and before packaging milled rice.

DOUBLE AIR DUCT CROSS SECTION



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