

# Chantland-MHS

## *Case History*



**A** global agricultural seed company was seeking a means to minimize the labor required to assemble and fill seed boxes. These seed storage boxes are a two piece design in which the top half can be rotated and slid down over the lower half for storage, saving valuable warehouse space.

Chantland-MHS' team outlined a system whereby the boxes are taken from storage and presented to the system infeed conveyor, the box indexes to a squaring conveyor for alignment and then to a robotic arm which lifts the top half of the box, rotates it and sets it in place on top of the lower half creating the assembled seed box. The assembled box is then moved to the filling station. Here our Model 4260 Automatic IBC Filler loads the seed box to achieve weight with +/- 1 lb. accuracy and fill rates of (35) 2,000 lb. boxes per hour. When weight is attained, the filled box indexes to the automatic box lid placer and is then sent to the accumulation point where fork truck can easily pick up and transfer to warehouse.

Chantland-MHS' design was chosen by the customer as the best solution to meet their objectives within their parameters. Installation went smoothly, the system is operating successfully and plans are underway for similar systems in additional facilities.

Chantland-MHS has been meeting and exceeding our customer's expectations since 1943. Call us for solutions and put our experience to work for you!



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Material Handling Solutions