

Chantland MHS

Case History

Successful efforts to produce and market specialized grain for tortilla production led to growing pains and an expansion to an existing agriculture business.

This family owned and operated company based in southeastern Arizona contacted Chantland MHS as they were researching packaging and palletizing equipment to support their growing business. A rural location far away from any sizable communities caused difficulties in attracting employees and because of this limited workforce availability their initial focus was on automating the bag stacking portion of their production line. Specifically they wanted to utilize a robotic bag palletizer to stack 50 lb. bags of grain which would then be shipped to their customer. The robot would always be available to stack and would also require less space than a conventional bag palletizer.

Our sales engineer on this project provided a dimensioned layout drawing and proposal for their consideration. Upon receiving this packet of information and more detailed discussions, the family concluded that automating not only the stacking but the entire packaging line was a practical direction to take. This proposed line would encompass an open-mouth bag placer, net-weight bag filling scale, bag closing system and the robotic bag palletizer. Subsequently an entirely new layout and proposal were submitted.

A benefit of working with small companies is that decisions are made swiftly and with the confidence that both groups understood one another the entire automated system was placed on order.



The company was attracted to Chantland's ability to be a single source supplier with responsibility for the entire line and one other key element which sets Chantland MHS apart.

That is after the manufacture of the system; it is fully assembled, hard wired and tested at Chantland's facility where the customer and other interested parties are able to watch it operate first-hand prior to shipping, ensuring it met their expectations. Chantland does this with every system, not as an option, but as part of the firm project price. No hidden costs and no surprises during installation and start-up.

Months later, the customer shipped samples of their product to Chantland's factory for preliminary testing and then travelled to Iowa to witness the full system test of their new equipment with their product.

After being proven, the system was disassembled with mechanical and electrical match-marks at each connection for the customer to re-assemble at their facility, a relatively simple and straightforward process even for a crew unfamiliar with the equipment.

As is typical, the start-up went smoothly with our technicians arriving on-site, confirming all the connections then powering-up the system. By the second day the system was fully operational and training of employees began. By the end of the first week the customer was in full production without Chantland support.

WATCH THE SYSTEM IN ACTION on YouTube by searching Chantland MHS AP2300

Or directly on YouTube
<https://www.youtube.com/watch?v=cWyDTUCDVRA>



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