



Bench Industries
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Equipment Justification

We have been in business for the last 30 years and stand by everything that we manufacture. Our machines are all steel fabricated and are very durable. With our portable machines we overbuild them to withstand countless forces.

Portable Seed Cleaner

Air Screen - The Bench Industries Air Screen Machine (model 354722A) is a complete seed cleaning unit. This unit will handle capacities at a 300-500 bushel per hour range. There are three screening decks (scalp, grade, sift). Under each screen deck is a ball rack with high density balls that are bouncing under the screens to keep the screens clean. There is also top and bottom air. This means that we have air suction before the product flows onto the first screen, and after the product flows off of the bottom screen. Screens can be easily changed to clean a different commodity. Our machines also have a steel counterbalance on them that is moving the opposite way of the shoe to balance out the machine and keep it smooth.

Debearder – The Bench Industries Debearder model 1848 include 16 hard surfaced blades and 16 stationary blades with a 15hp motor.

Indent – The Stack of 6 premier indents are for the length separation. This drum style length separator is included with the top two drums as the splitters and then the Long separation along with the short separation.

Gravity – The Forsberg 400p gravity is a pressure type gravity table that has a capacity of 300-500 bushel per hour range. The Forsberg 400p has a counterbalanced eccentric drive for quiet, vibration-free operation.



Portable Unit

This unit includes; Diesel Generator, Air Screen Machine model 354722A, Debearder Model 1848, Premier Stack of 6 Indents, Forsberg 400p Gravity table, Electrical Panel with VFDs, Double Cyclone for dust control, Screen storage box, Hydraulic leveling Jacks, and augers/ spouting to get material from one machine to the next with bypassing capabilities.