



Dual Head Tray Filler



Dual head net-weigh tray filler

Kinesys Automation has developed head net-weigh tray filler. Filling is done with simple pneumatic actuated ball valves. Dual weigh Hardy Process Solutions weigh scales are used for precise weighing



This unique filler uses a combination of powered DC rollers and an indexing beam to move product from one end to another.

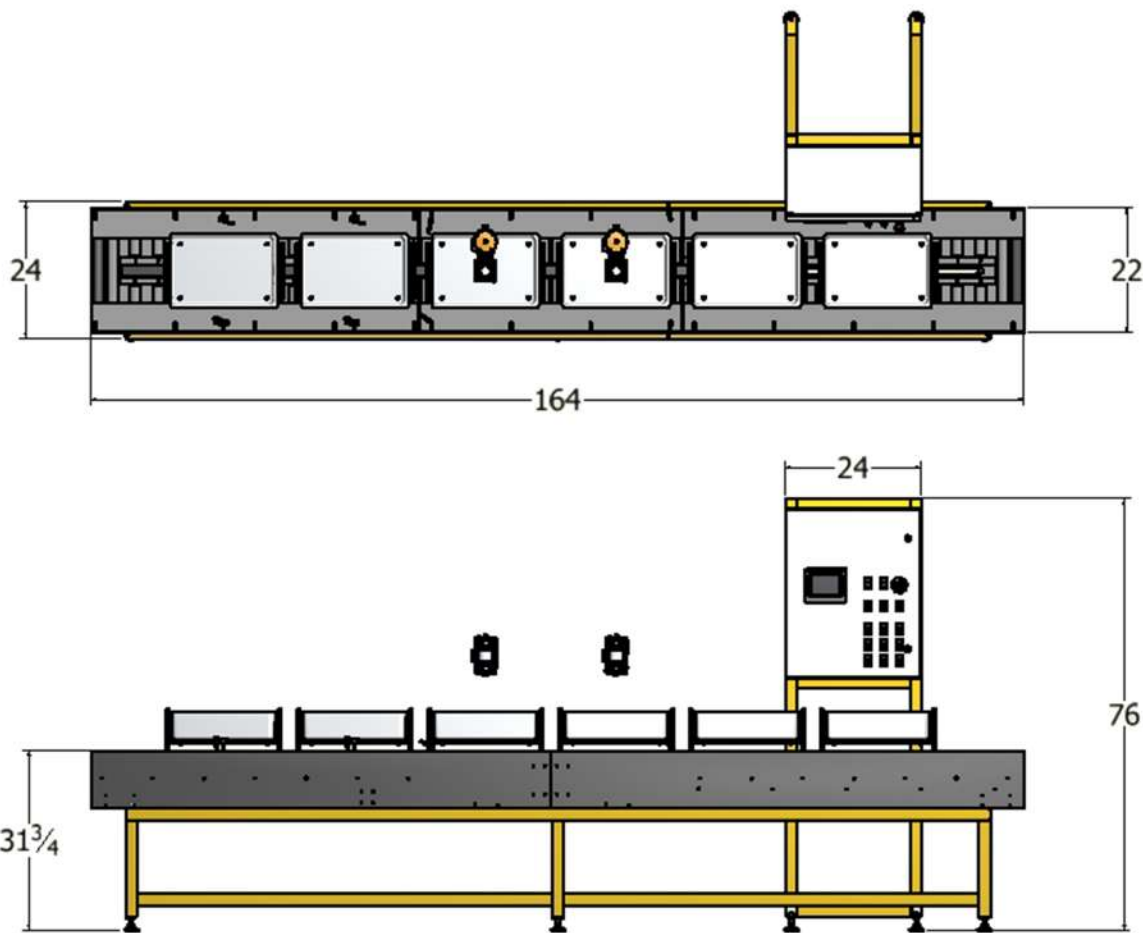
Trays are first conveyed with DC rollers to the "tray staging area". Once staged, the trays are indexed via an index beam. This allows each tray to be precisely positioned on top of the weigh scale and directly underneath the fill valve. After filling has been completed the trays are index to onto a separate set of DC rollers.



Pneumatically Actuated Ball Valves

Filling is done with the use of pneumatically actuated ball valves. Ball valves are a simple low cost option for filling. They are constructed of stainless steel with PTFE seals. In the closed position these valve are able to withstand high pressures.





When having difficulties in your assembly or manufacturing process, contact Kinesys Automation for more information about a field proven solution.



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