

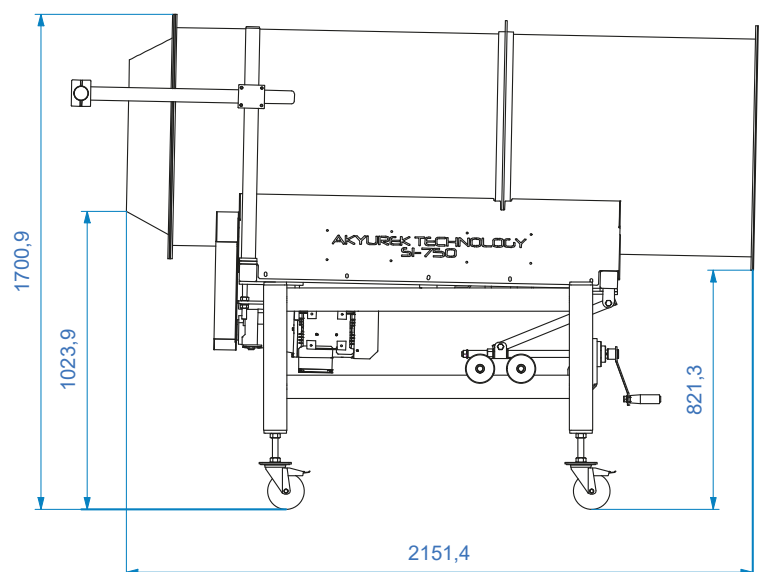
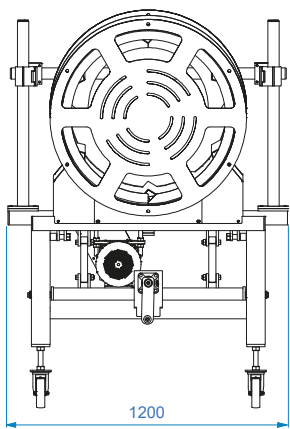


DRUM SEED TREATER

The DST Basic series treater is designed to continuously apply single or multiple products, simultaneously, to predefined quantities of seed, which is established through calibration.

Work principle

Seed enters a Volumetric Feeder. Each compartment of Volumetric Feeder has the same volume or capacity. The speed of the wheel, multiplied by the number of round per minute, defines the volume of seed processed per minute. The pumps that deliver the liquid products to the mist nozzles programed and then calibrated, to deliver a specific quantity of liquid per minute. The seed and liquid then operate in harmony, until the systems are re-calibrated for new rates. The seed passes thru an atomized cloud of liquid product in an even, circular curtain over the dispersion cone. The even distribution at application ensures a truly homogenous blend of seed and liquid, resulting in a high quality coating. This helps to ensure viable seeds are planted and result in high rates of efficiency. The mixing drum is driven by a variable speed soft start motor. The incline angle of the drum can be adjusted. This, along with adjustable seed and liquid flow rates, allows for maximum flexibility, and helps to ensure a fully encapsulated seed finish, dry enough for immediate bagging, but not so dry as to create dusting issues. Seed is typically delivered to the treater via an automated elevator or conveyance system into a Pre Storage hopper. Seed is commonly discharged into a holding bin or take away conveyance apparatus after treating.



Capacity	
Peanut	
Liquid Only (fungicides)	1.8 - 5.4 m.t/hr
Dry Powder Only	1.8 - 5.4 m.t/hr
Soybeans	
Liquid & Dry Powder	2.7 - 5.4 m.t/hr