SINCE 2080

ADDAMS DRUM SEED TREATER

General

Brand	ADDAMS
Designation	Drum Seed Treater
Model	DST 50
Application	A: treating a liquid or slurry application to fragile seeds like Peanut and Soy Beans seeds.

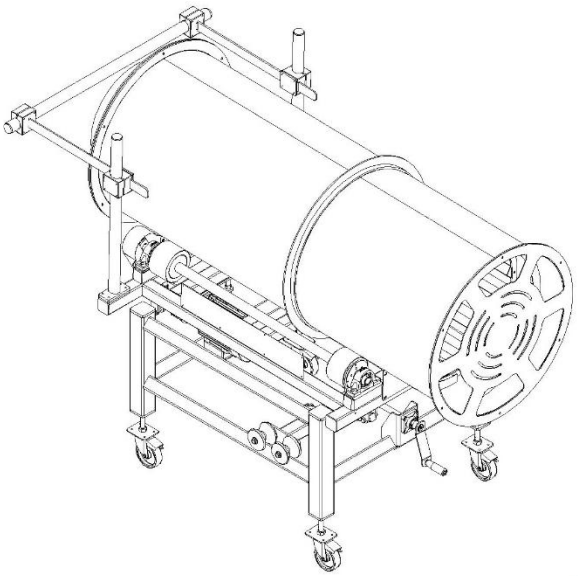
The DST Basic and effective Seed Treater is designed to continuously apply single or multiple liquid or slurry applications simultaneously to predefined quantities of seed, established through calibration.

Work principle

Seed enters a Volumetric Feeder. Each compartment of the Volumetric Feeder has the same volume or capacity. The speed of the wheel, multiplied by the number of rounds per minute, defines the volume of seed processed per minute. The pump that delivers the liquid products to the mist nozzles is programmed and then calibrated to produce a specific quantity of liquid per minute. The seed and liquid then operate in harmony until the systems are recalibrated for new rates. The seed passes through an atomized cloud of liquid product in an even, circular curtain over the dispersion

The even distribution at application ensures a truly homogenous blend of seed and liquid, resulting in a high-quality coating. This helps ensure that viable seeds are planted, resulting in high efficiency rates. A variable-speed soft start motor drives the mixing drum. 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 conveyor system into a pre-storage hopper. Seed is commonly discharged into a holding bin or taken away from the conveyor equipment after Seed treatment.

MODEL NO	DST-200	
DRUM LENGTH mm	2000	
DRUM DIAMETER mm	1 400	
DRIVE MOTOR	0.75 kW	
CAPACITY	**PEANUT**	**SOYBEANS**
Liquid Only (fungicides)	1.8 - 5.4 tph	2.7 - 5.4 tph
Dry Powder Only	1.8 - 5.4 tph	2.7 - 5.4 tph



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