

BMC Batch Modular Coating Lab System



Recommended for treating Alfalfa, Canola, Corn, Soybean, Sugar Beet, Sunflower seed and Percent Build-up



The Batch Modular Coater (BMC) is designed for small seed lot treating and for scaleup samples of commercial runs. Utilizes the same seed and chemical mixing process as the commercial CBT treaters.

Features & Benefits

- Mechanical weighing scale for improved accuracy
- Atomizer Motor 1/2 hp, 90V DC
- Dust evacuation port on the bowl
- Clear Bowl Cover for easy viewing and maintenance
- Internal atomizer for optimized treatment-to-seed coverage
- Bowl Motor (not shown) 1/2 hp, 90V DC
- Control Box with PLC display, Pump Controls (up to 2 pumps)
- Closed calibration pumps for accurate metering of liquid product
- Rolling Frame with locking casters
- Optional Dry Powder Applicator for drying and buildup powders

Treater Dimensions: Height 86.36" Length 51.88" width 37.92"



Modular mixing bowls

- Small (8oz-2lb)
- Medium (2-5lb)
- Large (5-10lb)



Weigh Scale

- Scale inlet hopper
- Precision balance scale
- Batch hopper



Control Panel

- Atomizer motor
- Pump motor
- Bowl motor
- Powder motor
- Vibrator motor
- PLC Display Screen
- Bowl Speed Micro Tachometer Display

Electrical requirements: 115VAC/1ph/60Hz/15A



Pump & Calibration System

- Tank agitation GEAR MOTOR 115V TEFC 1/16hp
- L/S PUMP 115V with Control
- 100ml Closed Calibration



Air Plumbing Assembly

- Scale
- Bowl discharge
- Bowl purge
- Bowl vent

Air requirements: 80psi

Value Added Option

Manual Mixing Cart

- rolling table
- locking casters
- one mixing bowl (S,M or L)
- control panel

Ideal for setting up batch recipes.



Guide to responsible Seed Treatment

BEFORE APPLICATION	DURING APPLICATION
1 Use only high quality products specially designed and approved for seed treatment	7 Mix products properly according to the label; mix each product well with the water in the tank before adding the next product
2 Keep the products in a locked room that is approved for crop protection products	8 Avoid spillage. Thoroughly clean any spillage to avoid contaminating the environment and waterways
3 Read the label and the directions for use carefully before using the product, especially the safety requirements	9 Rinse the empty containers three times, pour the rinse water into the mixing tank and recycle the containers
4 Protect yourself effectively – use gloves, glasses, mask, overalls, boots – as appropriate and according to each product label	AFTER APPLICATION
5 Regularly check, maintain and adjust the seed treatment equipment to ensure accurate application	10 Ensure that access to treated seeds is not possible for children, the public or domestic animals
6 Treat only well cleaned seed to avoid contamination of yourself and the equipment by contaminated dust	11 Avoid contamination of your hands when handling treated seeds
	12 Clean the protection equipment. Wash your hands. Take a shower

Advanced Seed Treatment | Bayer CropScience



Bayer CropScience

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Before using any crop protection product you should read and carefully follow directions, cautionary statements, and other information appearing on the product label. Our technical information is based on extensive testing and is, to the best of our current knowledge, true and accurate but given without warranty as the conditions of use and storage are beyond our control. Descriptions and property data of the product do not contain any statement as to liability for possible damage.

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