

CBT 200 Volumetric Seed Treating System



Recommended for treating Barley, Canola, Corn, Cotton, Soybean, Sugar Beet, Sunflower, Vegetable, and Wheat seed



The Continuous Batch Treating System is PLC driven and operates on the weight of the seed and liquid chemical combined. If actual applied or measured level is higher or lower than the target level, the PLC will auto-adjust for improved accuracy.

Features & Benefits

- The multi-programmable PLC coordinates different seed types, fungicides, insecticides, order of application, and length of treating time.
- The industrial PC interface provides a digital display of totals grams, target grams, actual grams and percent accuracy for chemical.
- The auto messaging system relays information or questions about operation, last batch, alarms, low seed or chemical levels.
- Liquid treatment is measured by time and speed, then atomized to ensure uniform seed coverage.

Capacity

- Canola: 48,000lb/hr
- Barley, Wheat, Cotton, Corn and Soybeans: 880bu./hr (24.0 M.T./hr)
- Sunflowers, Sugar Beets, and Vegetables: 48,000lb/hr

*Capacity based on a 60 pound bushel weight and a 30 second cycle using corn

Treater Dimensions: Height 116.87" Length 79.67" width 63.00"



Removable Bowl Cover

- Lifts up and swings out (R-L) for inspection, cleaning and servicing the Mixing Bowl



Integrated Aspiration System

Dust evacuation ports remove dust and chaff for improved treatment-to-seed coverage. They are located on top of the Bowl Cover, on the side of the Discharge, on the bottom of the Weigh Basket frame and on the lid of the Optional Powder Feeder hopper.



Chemical Inlet

- Supports up to 4 pumps
- Removable for cleaning and maintenance

Chemical Supply Tanks

- Designed to mix treatment products requiring dilution or agitation and pumping it to the CBT atomizer
- 30 or 60 gallon CBP tanks
- 50, 100, 200 or 500 gallon PSD tanks
- CBT PLC operates up to 4 Pumps



Volumetric Pump Kit Options:

- 505 Low-Rate Pump Kit (0.5 - 31.3 oz/min*)
- 505 High-Rate Pump Kit (5.2 - 93.0 oz/min)
- 625 Pump Kit (21 - 284 oz/min)
- SP15 Pump Kit (21 - 169 oz/min)

*Output capacities listed are based on water

Value Added Options

- Remote control panel (45ft.)
- 60 gallon CBP tank
- Weigh Basket Auto Calibration
- Up to 2 dry powder applicators
- Internal print capabilities of total batches, batch size, and total kilograms treated for each treating period.
- Internal printer modem connection
- Internal color industrial touch operation or integration capability to existing network
- Specialty coating capabilities

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

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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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