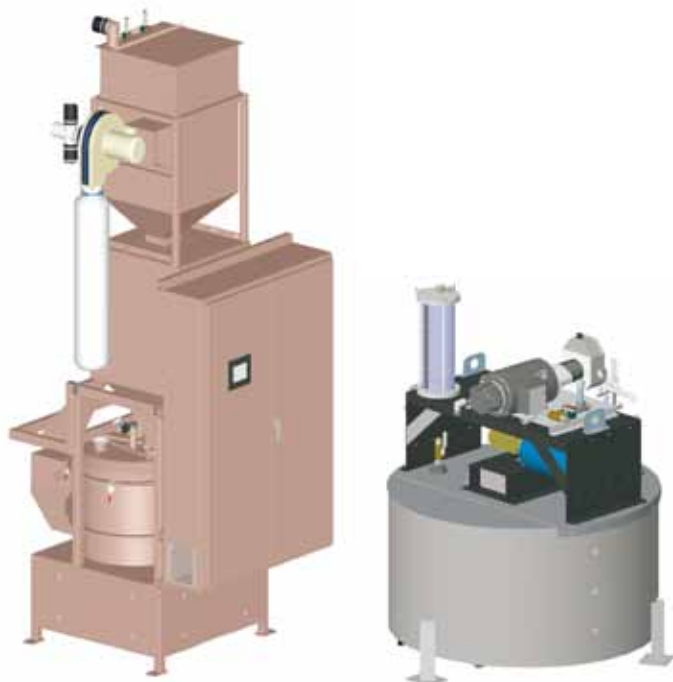


Unitized Volumetric CBT 100 System



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



The Unitized Continuous Batch Treating System is PLC driven and operates on the weight (volume) 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

- 100KG (220 Pound) Mixing Bowl
- Weigh Basket Auto Calibration
- One (1) 300 liter (80 Gallon) stainless premix tank w/agitation and IP dosing pump
- Closed Calibration
- Self contained dust evacuation system
- Inlet hopper with HI & LO level sensor
- Electronic Control Panel with input elevator control
- Multi-lingual enabled HMI touch screen
- PLC control coordinates different seed types, fungicides, insecticides, order of application, and length of treating time according to a pre-set recipe
- The auto messaging system relays information or questions about operation, last batch, alarms, low seed or chemical level
- Liquid treatment measured by time and speed, atomized to ensure uniform seed coverage

Top Mount Calibration

Measures chemical by volume, not pump speed, in a required time frame, for true chemical flow and accurate seed application.

- Eye level mounting for easy viewing and operation
- Actual pump output calibration for truer accuracy
- Closed Calibration - no worker exposure, recirculates product back into tank
- Durable construction
- Easy cleanup - no machine down time



Capacity:

- Canola: 24,000lb/hr (10.89 M.T./hr)
- Barley, Wheat, Cotton, Corn and Soybeans: 440bu./hr (12.0 M.T./hr)
- Sunflowers, Sugar Beets, and Vegetables: 24,000lb/hr (10.89 M.T./hr)

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

Treater Dimensions: Height 3546mm (139.60") Length 2058mm (81.03") width 1346mm (53.00")



HMI Touch Screen

- Multi-programmable PLC
- Sequential time-ordered event recipes
- PLC controlled pump, weigh basket, mixing bowl
- Multi-lingual enabled



Integrated Aspiration System

- Dust evacuation ports remove dust and chaff for improved treatment-to-seed coverage.
- Self contained dust evac assembly
 - Removable dust collection bag



Removable Bowl Cover

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



LP 300 Chemical Supply Tank

- Designed to mix treatment products requiring dilution or agitation and pumping it to the CBT atomizer
- 300 liter (80 Gallon) Tank: stainless steel construction
- Tank Agitation Motor: 1HP/460V13PHI60HZ
- CLOSED CALIBRATION: 12950 mL (100 oz)
- Dosing Pump: IP HR PUMP KIT, AC-VFD
- Drain Plug/Valve Assembly

Value Added Options

- Remote START/STOP (45ft.)
- Up to 2 dry powder applicators
- Internal print capabilities of total batches, batch size, and total kilograms treated for each treating period.
- Internal print modem - down load statistics into database
- 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

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.

BCSCBT100UNITVOL06282011