

RH800 COMMERCIAL DRUM TREATING SYSTEM



RECOMMENDED FOR TREATING SOYBEAN,
WHEAT, COTTON AND RICE SEED



CAPACITY

- 800 bu/hr
(based on soybeans)

800 bu/hr

Features & Benefits

- Automatic pump speed compensation helps prevent over / under treatment.
- Rotary volumetric seed wheel provides positive control of seed delivery and precise seed calibration
- MIST-O-MATIC® atomizer for improved treatment-to-seed coverage, does not require any lubrication
- Drum lift bar design helps ensure homogenous treatment-to-seed coverage. Lift bar design, combined with drum speed control, provides gentle tumbling and reduces seed damage
- RH seed treating systems are compliant with all seed company specifications and requirements
- Includes start-up, installation and training
- Site assessments
- CAD drawings for site planning
- Annual software upgrade
- Distributor network
- National service support



Bayer SeedGrowth™

TREATER DIMENSIONS:

HEIGHT* 118.75" WIDTH 44.00" LENGTH 115.43"

* Adjustable



1) Rotary Volumetric Seed Wheel

- Precise calibration and positive seed delivery control
- Rotary seed wheel connected to control box
- High quality stainless steel construction
- Connected to commercial grade AC and gear motors
- True 800 bushels per hour (based on soybeans)
- Safety guard above the seed wheel
- Seed sensor – if no seed available, system will shutdown



2) Chemical Supply Tank & Pumping System

- Top Mount 100 oz Closed Calibration
- Provides accurate real time calibration by volume
- Peristaltic pump equipped with various element sizes
- Chemical recirculation function
- Quick disconnect fittings for easy cleaning
- Tank agitation – for continuous chemical suspension
- When seed wheel stops, the pump stops
- Closed calibration limits worker exposure



3) Single Control Panel

- Seed Wheel Motor speed touch pad
- Drum Motor speed touch pad, reversible drum for clean out
- Soft start / stop VFD for full drum
- Pump Switches (1–4)
- Adjustable seed wheel speed for customized seed flow
- Seed wheel controls both consistent seed flow and chemical application accuracy
- Easy manual calibration between seed wheel touch pad and closed calibration system on Supply Tanks



4) Drum & Frame Assembly

- Adjustable drum and frame accommodates for unique seed flow changes
- Stainless steel mixing drum with lift bars
- Adjustable drum angle and frame height
- Stainless steel doghouse with dust evacuation port
- Removable doghouse door
- CRS drum guards



Bayer

Crop Science Division
1451 Dean Lakes Trail
Shakopee, Minnesota 55379 - USA
www.seedgrowth.bayer.com
Phone: +1 952 445 6868
Toll Free: 1 855 363 3152
E-mail: equipment@bayer.com



VALUE ADDED OPTIONS

- 8' x 30" stainless steel mixing drum
- 8' x 36" stainless steel mixing drum
- Accommodates up to four slurry mix tanks
- Supports either a 15 or 30 gallon Inoculation tank
- Six inch OD connection for the exhaust unit is located at the discharge end of the treating drum: recommended aspiration: 500–600 cfm
- Optional inlet surge bin
- Optional inlet conveyor control for automating conveyors: includes HI / LO sensors. Compatible with most automated system controls

FLOW METER

- Helps prevent costly spills due to hose malfunction
- Flow meter communicates with the PLC
- Easy cleaning and maintenance
- Cost effective and quality design



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