GROWING CUSTOMERS’ BUSINESS THROUGH KNOW-HOW AND PASSION

A new, different and unique concept has recently made its mark on the seed treatment business: Bayer SeedGrowth™. The name of this comprehensive and fully integrated system for on-seed applications says it all: At Bayer we are totally focused on growing top-quality seeds, enabling them to thrive, and ultimately growing our customers’ business.
Introducing Bayer SeedGrowth™

Devices, equipment and technology to apply products to the seed

Customization, testing, training, advice and technical support

Innovative solutions to protect, enhance and grow seed investments

Technology for coloring seeds and enhancing the sticking, handling and performance properties of our products

Fourfold competence from a single source
Bayer SeedGrowth™ is made up of four competence areas:

- **PRODUCTS**
  - Innovative solutions to protect, enhance and grow seed investments

- **SERVICES**
  - Customization, testing, training, advice and technical support

- **COATINGS**
  - Technology for coloring seeds and enhancing the sticking, handling and performance properties of our products

- **EQUIPMENT**
  - Devices, equipment and technology to apply products to the seed

Since we have outstanding expertise in all four areas and knowledge about their interactions and interrelationships, we can offer our customers comprehensive expertise from a single source – so they benefit from synergy effects right down the line.

**More than the sum of its parts**
Bayer SeedGrowth™ combines our competencies in Products, Coatings, Equipment and Services. Yet Bayer SeedGrowth is much more than the sum of its four parts. That is because the concept behind Bayer SeedGrowth enables us to take a holistic approach to the seed treatment business and all its processes. Just like our customers, we see on-seed applications as an integrated whole that cannot be divided into separate parts. The added value this fully integrated approach brings helps grow our customers’ business.

**Value added in the seed treatment chain**
Whatever role a stakeholder plays in the seed treatment chain – farmers, seed breeders and seed treaters – Bayer SeedGrowth has the know-how and passion to grow their business. That is because all the staff who work for Bayer SeedGrowth are entirely committed to furthering the healthy, strong and safe growth of crops, and thus to growing our customers’ business. What we are essentially doing is putting Bayer’s corporate mission – Science For A Better Life – into on-seed application practice by offering added value to every stakeholder in the seed treatment chain.

**Boosting a farmer’s business**
So how do we actually grow our customers’ business? Take farmers, for example. The expertise and experience Bayer SeedGrowth can bring to bear enables plants to thrive to their full genetic potential by ensuring the best possible crop establishment. This results in healthier and stronger plants and higher yields. That in turn ensures the sustainable growth of the crop and the farmer’s business. And if farmers are doing well, all the other stakeholders in the seed treatment chain will thrive as well.

**Holistic on-seed perspective**
The global presence that is a key feature of Bayer SeedGrowth equips us with a holistic view of what is needed for successful on-seed applications. And this global perspective is matched by a regional strength that connects local experts to our powerful competence network. The outcome is excellent service and tailor-made solutions for every single customer.
A TREATER FOR ALL SEEDS AND SEGMENTS

GET YOUR EQUIPMENT FROM THE PEOPLE WHO MAKE THE PRODUCTS

We are the only crop protection company anywhere in the world to manufacture and market its own application equipment. This makes a holistic perspective on seed treatment equipment possible and brings huge practical benefits to seed treaters and farmers all over the world. What’s more, our comprehensive Bayer SeedGrowth™ Equipment portfolio covers all the world’s commercial crops and seed treatment segments: industrial applications, semi-mobile downstream applications, on-farm equipment and autonomous mobile systems. Whatever the application solution – a single packaged system or customized elements to suit specific needs – the innovative nature and high quality of this equipment help grow a seed treater’s business.
A Treater for all Seeds and Segments

All kinds of seed treatment equipment

We offer seed treatment equipment ranging in technological sophistication from state-of-the-art computerized and on-demand seed treatment machinery to basic mobile systems:

- Batch treating machines
- Continuous flow drum treating machines
- Peripheral equipment

Our portfolio contains seed treatment equipment for all the world’s commercial crops and indeed every type of seed. Moreover, the added value that comes from top-quality seed treatment (from high-end to basic) and custom-designed solutions to suit specific needs is particularly appreciated in farming communities all over the world.

All seed treatment segments covered

The Bayer SeedGrowth Equipment portfolio contains machinery to cater for specific user needs in all product segments:

Industrials:
Our stationary equipment featuring sophisticated electronics can be tied to plant process control systems.

Semi-industrials:
Our semi-mobile downstream equipment and continuous flow treaters provide more accurate application control and greater payback potential when applying high-value seed treatments. Corn farmers in Colombia are a good example of how growers benefit from one of our downstream seed treatment solutions. In Colombia the corn seed is often pretreated elsewhere, for example in Mexico, and shipped to Colombia in bags. There the seed is treated with a particular insecticide to combat a pest specific to that country. Our semi-mobile downstream equipment enables this corn seed to be treated bag by bag at locations close to the farms in Colombia.

On-farm equipment:
This kind of seed treatment equipment is particularly used for treating cereal seed in Australia, Canada and the USA, where the farms are so big that it is economically viable to deploy seed treatment systems on each farm.

Small mobile systems:
These autonomous back-of-a-truck solutions – basic application equipment plus a power generator – are driven from farm to farm to treat the seed on small farms in countries such as Nicaragua.

Customized application solutions
The seed treatment equipment Bayer SeedGrowth offers is made up of five process components: storage and transfer; delivery and metering of seed; delivery and application of treatment; mixing and blending; and dust containment. These process elements can be provided in a single packaged system or customized to specific application needs by seamlessly combining different equipment components. The continuous systems are calibrated to allow treatments at predefined rates, allowing seed and treatment flow rates to be manually or electronically monitored and adjusted. Batch systems deliver a predetermined batch size into a mixing chamber, which allows the treatment product to be blended in the chamber and applied in a batch.

Growing business
Our long heritage in innovative seed treatment equipment and the high quality of our machinery are both significant factors in growing a seed treater’s business – anywhere in the world.

Scan the code with your smartphone and an appropriate app.
www.seedgrowth.bayer.com
CONTENTS

BATCH TREATING MACHINES
BATCH MODULAR COATER ......................................................... 10 – 11
CBT BASIC ........................................................................... 12 – 13
CBT 25 LOSS IN WEIGHT ....................................................... 14 – 15
CBT 50 LOSS IN WEIGHT ....................................................... 16 – 17
CBT 100 LOSS IN WEIGHT ...................................................... 18 – 19
CBT 200 LOSS IN WEIGHT ...................................................... 20 – 21
CBT 25 & 50 UNITIZED ........................................................ 22 – 23
CBT 100 UNITIZED .............................................................. 24 – 25

BATCH TREATING PERIPHERAL EQUIPMENT
BULK TRANSFER PUMP ........................................................... 28 – 29
PSD TANKS .......................................................................... 30 – 31
PUMP & WEIGH STATIONS ..................................................... 32 – 33

CONTINUOUS FLOW DRUM TREATING MACHINES
AMPD ................................................................................... 36 – 37
CF 35 .................................................................................... 38 – 39
ON DEMAND ........................................................................ 40 – 41
RH 800 BASIC ...................................................................... 42 – 43
RH 800 COMMERCIAL ....................................................... 44 – 45
RH 2000 BASIC .................................................................... 46 – 47
RH 2000 BASIC 48" DRUM ................................................. 48 – 49
RH 2000 COMMERCIAL ..................................................... 50 – 51
RH 2000 COMMERCIAL 48" DRUM ................................... 52 – 53

DRUM TREATING PERIPHERAL EQUIPMENT
BACKLIGHT KIT ................................................................... 56 – 57
CALIBRATION KIT ................................................................. 58 – 59
CBP SUPPLY TANKS ........................................................... 60 – 61
FLOW METER KIT ................................................................ 62 – 63
INICOULATION TANK (15 GAL) .......................................... 64 – 65
INICOULATION TANK (30 GAL) .......................................... 66 – 67
BATCH MODULAR COATER 
LABORATORY TREATING SYSTEM

RECOMMENDED FOR TREATING ALFALFA, CANOLA, CORN, SOYBEAN, SUGAR BEET, SUNFLOWER SEED

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
• 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)
• 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

OPTIONS
• Optional Dry Powder Applicator for drying and buildup powders
**Treater Dimensions:**

**Height 86.36" Length 51.88" Width 37.92"**

1) **Modular Mixing Bowls**
   - Small (8 oz – 2 lb)
   - Medium (2 – 5 lb)
   - Large (5 – 10 lb)

2) **Weigh Scale**
   - Scale inlet hopper
   - Precision balance scale
   - Batch hopper

3) **Control Panel**
   - Atomizer motor
   - Pump motor
   - Bowl motor
   - Powder motor
   - Vibrator motor
   - PLC Display Screen
   - Bowl Speed Micro
   - Tachometer Display

4) **Pump & Calibration System**
   - Tank agitation GEAR MOTOR
   - L/S PUMP with Control
   - 100 ml Closed Calibration

5) **Air Plumbing Assembly**
   - Scale
   - Bowl discharge
   - Bowl purge
   - Bowl vent
   - Air requirements: 80 psi

---

**Value Added Options**

**Manual Mixing Cart**
   - Rolling table
   - Locking casters
   - One mixing bowl (S, M or L)
   - Control panel
   - Ideal for setting up batch recipes
CBT BASIC TURNKEY
BATCH TREATING SYSTEM

RECOMMENDED FOR TREATING CORN SEED

FEATURES & BENEFITS
- Ideal for treating corn seed by the single bag, one batch at a time
- Single mixing bowl, 100 lb / 50 kg
- 100 lb / 50 kg inlet hopper with finger guard
- Automated slide gate for batch treating
- Programmable PLC single control box, mounted
- Variable speed I/P pump drive 20–650 rpm
- Pump drive control for easy operation
- Digital scale, graduated cylinder and quick disconnect pump element, for easy calibration
TREATING DIMENSIONS:
HEIGHT 65.07" LENGTH 53.19" WIDTH 61.93"

1) Control Panel
- Atomizer motor
- Pump motor
- Bowl motor
- PLC Display Screen
- Bowl Speed Micro Tachometer Display

2) IP Pump & Drive Assembly
- Variable speed IP pump drive 20–650rpm
- IP element kit (1) #26 (4.1–135 oz/min–Water)
- IP element kit (1) #73 (6.8–270 oz/min–Water)
- IP element kit (1) #82 (13.5–440 oz/min–Water)

3) Calibration System
- Portable balance scale
- 250 ml graduated beaker

VALUE ADDED OPTIONS
THE TURNKEY SYSTEM
- Equipped with heavy-duty locking caster kit
- Dust evacuation system
- Filter bag, 25 micron
- 150 cfm, low pressure blower
- Blower power cord, 15 ft
- Chemical inlet wand with strainer, 20 ft tubing
CBT 25 LOSS IN WEIGHT
BATCH 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.

**CAPACITY**
Up to 6,000 lb/hr*

**BATCH SIZES IN KG**
- Wheat: 25
- Barley: 20
- Corn: 18 – 20
- Cotton: 15 – 20
- Soybeans: 15 – 20
- Rice: 15 – 20

* Capacity based on a 60 pound bushel weight and a 30 second cycle using corn. Actual capacity may vary due to seed density and maximum bowl size (CBT 25: 1.1cuft).

Image shown with optional powder feeders.

**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 a loss in weight pumping system, then atomized to ensure uniform seed coverage
TREATING DIMENSIONS:
HEIGHT 81.74” LENGTH 47.63” WIDTH 45.00”

1) Automatic Slurry – Control Screen
- Automatic calibration of each product
- 20 liter pump stations (up to 4)
- Automatic clean out retrieves product from pumps and PSD supply tanks (up to 4)
- Accumulation display of seed and chemical weight for each cycle
- PLC operates up to 4 Loss in Weight Pump & Weighing Stations

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

3) Integrated Aspiration System
Dust evacuation ports remove dust and chaff for improved treatment-to-seed coverage
- On top of the Bowl Cover
- On the side of the Discharge
- On the bottom of the Weigh Basket frame
- On the lid of the Optional Powder Feeder hopper

4) Chemical Inlet
- Supports up to 4 Pump & Weighing Stations
- Removable for cleaning and maintenance

6,000 lb / hr

VALUE ADDED OPTIONS
- Remote control panel (45 ft)
- 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
CBT 50 LOSS IN WEIGHT
BATCH 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.

CAPACITY
Up to 12,000 lb/hr*

BATCH SIZES IN KG
Wheat: ............................. 50
Barley: .................................. 40
Corn: .......................... 37 – 40
Cotton: ............................ 30 – 40
Soybeans: ......................... 30 – 40
Rice: ................................. 30 – 40

* Capacity based on a 60 pound bushel weight and a 30 second cycle using corn. Actual capacity may vary due to seed density and maximum bowl size (CBT 50: 2.2cuft).

Image shown with optional powder feeders.

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 a loss in weight pumping system, then atomized to ensure uniform seed coverage
**TREATING DIMENSIONS:**

**HEIGHT 81.74” LENGTH 47.63” WIDTH 45.00”**

### VALUE ADDED OPTIONS
- Remote control panel (45 ft)
- 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

#### 1) Automatic Slurry – Control Screen
- Automatic calibration of each product
- 20 liter pump stations (up to 4)
- Automatic clean out retrieves product from pumps and PSD supply tanks (up to 4)
- Accumulation display of seed and chemical weight for each cycle
- PLC operates up to 4 Loss in Weight Pump & Weighing Stations

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

#### 3) Integrated Aspiration System
Dust evacuation ports remove dust and chaff for improved treatment-to-seed coverage
- On top of the Bowl Cover
- On the side of the Discharge
- On the bottom of the Weigh Basket frame
- On the lid of the Optional Powder Feeder hopper

#### 4) Chemical Inlet
- Supports up to 4 Pump & Weighing Stations
- Removable for cleaning and maintenance
CBT 100 LOSS IN WEIGHT
BATCH 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 a loss in weight pumping system, then atomized to ensure uniform seed coverage

CAPACITY

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

BATCH SIZES IN KG

Wheat: ..................................... 100
Barley: .................................... 80
Corn: ................................. 75 – 80
Cotton: .............................. 60 – 80
Soybeans: .......................... 70 – 80
Rice: .................................. 70 – 80

* Capacity based on a 60 pound bushel weight and a 30 second cycle using corn. Actual capacity may vary due to seed density and maximum bowl size (CBT 100: 4.9cft).

Image shown with optional powder feeders.
TREATER DIMENSIONS:
HEIGHT 97.49" LENGTH 53.00" WIDTH 51.00"

1) Automatic Slurry – Control Screen
- Automatic calibration of each product
- 20 liter pump stations (up to 4)
- Automatic clean out retrieves product from pumps and PSD supply tanks (up to 4)
- Accumulation display of seed and chemical weight for each cycle
- PLC operates up to 4 Loss in Weight Pump & Weighing Stations

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

3) Integrated Aspiration System
Dust evacuation ports remove dust and chaff for improved treatment-to-seed coverage
- On top of the Bowl Cover
- On the side of the Discharge
- On the bottom of the Weigh Basket frame
- On the lid of the Optional Powder Feeder hopper

4) Chemical Inlet
- Supports up to 4 Pump & Weighing Stations
- Removable for cleaning and maintenance

24,000 lb / hr

VALUE ADDED OPTIONS
- Remote control panel (45 ft)
- 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
CBT 200 LOSS IN WEIGHT BATCH 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.

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

**BATCH SIZES IN KG**
- Wheat: ............................ 200
- Barley: ............................. 160
- Corn: .............................. 150 – 160
- Cotton: ........................... 120 – 160
- Soybeans: ....................... 140 – 160
- Rice: .............................. 140 – 160

*Capacity based on a 60 pound bushel weight and a 30 second cycle using corn. Actual capacity may vary due to seed density and maximum bowl size (CBT 200: 8.9cuft).

Image shown with optional powder feeders.

**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 a loss in weight pumping system, then atomized to ensure uniform seed coverage.
Batch Treating Machines

VALUE ADDED OPTIONS

- Remote control panel (45 ft)
- 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

1) Automatic Slurry – Control Screen
- Automatic calibration of each product
- 20 liter pump stations (up to 4)
- Automatic clean out retrieves product from pumps and PSD supply tanks (up to 4)
- Accumulation display of seed and chemical weight for each cycle
- PLC operates up to 4 Loss in Weight Pump & Weighing Stations

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

3) Integrated Aspiration System
   Dust evacuation ports remove dust and chaff for improved treatment-to-seed coverage
   - On top of the Bowl Cover
   - On the side of the Discharge
   - On the bottom of the Weigh Basket frame
   - On the lid of the Optional Powder Feeder hopper

4) Chemical Inlet
   - Supports up to 4 Pump & Weighing Stations
   - Removable for cleaning and maintenance

TREATMENT DIMENSIONS:
HEIGHT 116.87" LENGTH 79.67" WIDTH 63.00"
CBT 25 & 50 UNITIZED BATCH TREATING 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
- 25 or 50 kg (55 or 110 pound) Mixing Bowl
- Weigh Basket Auto Calibration
- One (1) 300 liter (80 gal) 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
- Multilingual* enabled HMI touch screen:
  - PLC control coordinates different seed types, fungicides, insecticides, order of application, and length of treating time according to a preset 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

CAPACITY
- Up to 5.44 M.T./hr** (12,000 lb/hr)

* English, Spanish and Portuguese (Brazil). Other languages available upon request.
** Capacity based on a 60 pound bushel weight and a 30 second cycle using corn.

LP 300 Chemical Supply Tank shown with optional deck scale.
TREATING DIMENSIONS:

HEIGHT 3546 MM (139.60") LENGTH 2058 MM (81.03") WIDTH 1346 MM (53.00")

1) HMI Touch Screen
- Multi-programmable PLC
- Sequential time-ordered event recipes
- PLC controlled pump, weigh basket, mixing bowl
- Multi-lingual enabled

2) 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

3) LP 300 Chemical Supply Tank
- Designed to mix treatment products requiring dilution or agitation and pumping it to the CBT atomizer
- 300 liter (80 gal) Tank: stainless steel construction
- Tank Agitation Motor
- CLOSED CALIBRATION: 2,957 ml (100 oz)
- Dosing Pump: IP HR PUMP KIT, AC-VFD
- Drain Plug/Valve Assembly

VALUE ADDED OPTIONS
- Remote START/STOP (45 ft)
- Internal print capabilities of total batches, batch size, and total kilograms treated for each treating period
- Internal print modem – download statistics into database
- Internal color industrial touch operation or integration capability to existing network
- Specialty coating capabilities

5.44 M.T./hr
CBT 100 UNITIZED BATCH TREATING 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.

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

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

FEATURES & BENEFITS
- 100 kg (220 pound) Mixing Bowl
- Weigh Basket Auto Calibration
- One (1) 300 liter (80 gal) 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
- Multilingual* enabled HMI touch screen:
  - PLC control coordinates different seed types, fungicides, insecticides, order of application, and length of treating time according to a preset 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

* English, Spanish and Portuguese (Brazil). Other languages available upon request.

LP 300 Chemical Supply Tank shown with optional deck scale.
TREATING DIMENSIONS:
HEIGHT 3546 MM (139.60") LENGTH 2058 MM (81.03") WIDTH 1346 MM (53.00")

1) HMI Touch Screen
- Multi-programmable PLC
- Sequential time-ordered event recipes
- PLC controlled pump, weigh basket, mixing bowl
- Multi-lingual enabled

2) 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

VALUE ADDED OPTIONS
- Remote START / STOP (45 ft)
- Internal print capabilities of total batches, batch size, and total kilograms treated for each treating period
- Internal print modem – download statistics into database
- Internal color industrial touch operation or integration capability to existing network
- Specialty coating capabilities

3) LP 300 Chemical Supply Tank
- Designed to mix treatment products requiring dilution or agitation and pumping it to the CBT atomizer
- 300 liter (80 gal) Tank: stainless steel construction
- Tank Agitation Motor
- CLOSED CALIBRATION: 2,957 ml (100 oz)
- Dosing Pump: IP HR PUMP KIT, AC-VFD
- Drain Plug / Valve Assembly

10.89 M.T./hr
BULK TRANSFER CHEMICAL PUMPING SYSTEM

RECOMMENDED FOR USE WITH CONTINUOUS BATCH SEED TREATING SYSTEMS

Designed to transfer chemical from bulk containers to Pump Stations, CBP, or PSD Tanks in a closed system, for minimized worker exposure.

FEATURES & BENEFITS

- Lightweight, portable and durable
- Premium Filter Package with 3/16" filter basket
- Air Filter Regulator with gauge, 160 psi
- Air Inlet Port
- Rinse Valve
SYSTEM DETAILS

1) Optional Pumps
- AP100: 15.5 gpm (based on water)
  12 cfm @ 125 psi,
  18 ft lift suction,
  discharge pressure up to 45 psi, 100 ft head
- AP200: 56 gpm (based on water)
  50 cfm @ 125 psi,
  17 ft lift suction,
  discharge pressure up to 45 psi, 100 ft head

2) Optional Discharge Systems
- Single (as shown) with drain discharge valve and air purge
- Double (front page) with drain discharge valve and air purge

3) Optional Chemical Supply Connections
- Fits drums and bulk chemical storage units with Micro-Matic fittings
- Hose barb fitting connects to chemical supply

4) Optional Pneumatic Valves
- For automating operations per customer requirements

5) Optional Pedestal Stands
- Tall: 39.37” high
- Short: 12.13” high
- Wall Mount: 16.13” high (shown)

VALUE ADDED OPTIONS
- Premium filter package with 3/16” filter wrap screen
PREMIX SELF-DRAINING CHEMICAL TANKS (PSD)

RECOMMENDED FOR USE WITH CONTINUOUS BATCH SEED TREATING SYSTEMS

Designed to mix treatment products requiring dilution or agitation and pumping it to the seed treater.

PSD Tanks can be part of a total treating system where the water, dye and chemicals are stirred together at low speed.

FEATURES & BENEFITS

• Tank Design – Curvilinear tank bottom gently slopes for easy draining
• Stainless Steel Construction – Tank body, Agitation paddles and Pump mount plate
• Pump Mount Plate – Supports pumping system under the tank
• Extended Legs – Ample room for pumping system under the tank

TANK SIZES

• 50/100/200 & 500 gallons
TANK DETAILS

1) Agitation Motor with Reducer
   • Low speed stirring reduces product splashing

2) Internal Agitation Paddles
   • Constant agitation with minimum foaming

3) Top-side Filling Ports
   • For easy product transfer

4) Viewing Tray
   • Perforated for safety
   • Removable for easier clean out

5) Clean out Brush
   • Provided for tank cleaning

6) Chemical Gauge
   • Graduated scale in gallons
   • Label coated for chemical resistance

VALUE ADDED OPTIONS

PUMPING SYSTEM
   • D-3 electric transfer Pump
   • AP100 or AP200 air pump
   • 505/625/I/P or SP 15

IN-LINE PREMIUM FILTER PACKAGE
   • For ultimate filtration

TOP MOUNT CALIBRATION KIT
   • 100 oz./100 ml & 500 ml

WEIGHING DECK SCALE
   • With digital readout
PUMP & WEIGHING CHEMICAL STATIONS

RECOMMENDED FOR USE WITH CONTINUOUS BATCH SEED TREATING SYSTEMS

Loss-in-weight pump stations draw chemical from bulk or premix tanks and accurately weigh and dispense them to the CBT Treater. The amount of chemical dispensed is based on a pre-selected batch recipe, set up on the CBT control panel.

The treater PLC will automatically adjust the amount of chemical if there is a change in the seed weight, ensuring consistent chemical delivery for improved seed treatment accuracy.

FEATURES & BENEFITS

- Removable 20 liter stainless steel tank
- Removable Pump Shelf
- 20 liter tank spill containment tray
- Heavy-duty stainless steel frame assembly
- Air filter regulator, 1 cfm @ 80 psi
- Flow equalizer
- Load cell junction box w/60 ft
1) Transfer Pump
- Draws chemical from premix tanks, fills 20 liter tank
- 1 FLA motor
- 25’ 16–4 SO high voltage power cord (motor)

2) 20 liter Tank Lid
- Lift / Lower Operation Switch

3) Pump Junction Box
- Main pump junction box connects up to 3 other pump stations
- Main pump junction box connects to CBT main control box

4) 20 liter Tank Level Sensor
- Connects to CBT main control, signal chemical level
- Low voltage sensor cable / 2 meter
- 3-pin sensor patch cable / 5 meter

5) Dosing Pump
- Sends chemical to the CBT atomizer
- 0.95 FLA motor
- 25’ – 16–4 SO high voltage power cord (motor)
- 25’ – 5 conductor low voltage (control wire)
- 60’ – 2 conductor low voltage (analog speed signal)
- 16 mm pump element

VALUE ADDED OPTIONS
- 20 liter Pump Station
- Double Stacked 20 liter Pumps
- ½ liter Low Weight Pump Station
Continuous Flow Drum Treating Machines
CONTINUOUS FLOW DRUM TREATING MACHINES
AMPD CONTINUOUS FLOW DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING PEANUT AND SOYBEAN SEED

FEATURES & BENEFITS
- Adjustable drum angle for improved seed flow, seed coverage and improved drum clean out
- Heavy-duty drum casters for smooth rotation

PEANUTS
- Liquid only (fungicides): 3,970 – 12,000 lbs/hr (1.8 – 5.4 M.T./hr)
- Dry powder only: 3,970 – 15,000 lbs/hr (1.8 – 6.8 M.T./hr)

SOYBEANS
- Liquid & dry powder: 100 – 200 lbs/hr (2.7 – 5.4 M.T./hr)

SYSTEM OPTIONS
- Dry powder only (hopper style)
- Liquid only
- Combined dry powder and liquid (hopper style)
- Dry powder seed-applied fungicide only (pyramid box)
- Combined dry powder seed-applied fungicide and liquid (pyramid box system)
TREATER DIMENSIONS*:
HEIGHT 55.47" LENGTH 99.38" WIDTH 31.83"

1) Stainless Steel Treater Head Assembly
- Stainless steel S-100 inlet hopper with shut-off gate
- Stainless steel S-100 weighpan housing & weighpan
- Stainless steel inlet transition
- Time delay limit switch & trip switch cam assembly
- Stainless steel single metering tank (liquid only)

2) Optional Dry Delivery (pyramid box style)
- Air turbine vibrator
- Vibrator control
- Manual 4 way valve with filter regulator
- Main control box
- CRS support frame
- Powder low level warning sensor
- Nozzle body with probe & air cylinder
- VFD gear motor 44.5:1

3) Optional Dry Delivery (hopper style)
- Powder hopper (3 cu ft)
- Self-supporting, hinged hopper lid
- 1.50 dust evacuation port (30 cfm)
- Vibrator control
- Powder low level warning sensor
- VFD gear motor 44.5:1
- Powder feeder control panel
- CRS support frame

4) Drum Assembly
- Disco variable speed reducer
- CRS drum guards
- Stainless steel 6’ x 18” mixing drum with lift bars
- Adjustable drum frame
- Stainless steel doghouse with dust evacuation port
- Removable doghouse door
- 7 mm quarter turn key

VALUE ADDED OPTIONS
- Rubber lining kit for peanut applications

Positive pressure system for liquid applications only
- P.025 air pump
- ¼" fpt in-line filter / #20 mesh
- 4-port capacity chemical inlet
- ¼" npt gate valve
- ¼" npt / 60 psi filter regulator

* Base unit dimensions only
CF 35* CONTINUOUS FLOW DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING CEREALS, COTTON, MAZE, SOYA AND SUNFLOWER SEED

“All-In-One” self contained continuous-flow seed treating system is compact, portable and lightweight

FEATURES & BENEFITS

• 15 litre chemical tank with manual agitation
• 180 kg hopper capacity
• Single phase, 50 hz, 220 vac
• 2-way bagging discharge assembly
• Adjustable height; 8 stops – 100 mm apart
• 250 ml calibration tube included
• Variable speed peristaltic pump
• Adjustable seed flow gate
• Stainless steel drum for chemical resistance and long life
• Optional – Add casters for greater mobility

CAPACITY

• up to 35 kg/min (based on soybeans)

ORDER NUMBER:
80046677

* not available in the US
TREATING DIMENSIONS:
HEIGHT 2211 MM  WIDTH 721 MM  LENGTH 1218 MM

1) Seed Flow Control
• Adjustable for customized seed flow
• Consistent, reliable seed flow for accurate application
• Adjustable seed gate stop
• Adjustable seed gate arm

2) Chemical Calibration
• 250 ml Calibration Beaker
• 3-way manual valve for calibration/treat modes
• Easily accessible and removable for cleaning

3) Pump & Control
• LS peristaltic pump with speed control
• Rheostat control ensures precise metering of chemical onto seed
• Pump setup ensures low chemical rate application
• Peristaltic pump out performs diaphragm style pumps

4) Drum
• Stainless steel mixing drum
• Guarded for operator safety
• Drum motor with gear reducer
• Unique Twin Drum System: Inner Drum – Seed inlet and mixing, Outer Drum – Mixing, drying, seed discharge

5) Double Bagger Assembly
• Gate valve deflector
• Can treat into two 25 kg bags alternately

VALUE ADDED OPTIONS
• Easy calibration, bag to bag treatment, and easily transportable
• 8 Adjustable height positions
• Compact and portable, ideal for field treating
• In-line Chemical Filter with 20 mesh filter, removable for cleaning and shut-off valve
• Parts Kit supplied with every CF 35
• Modular smaller size and assembled frame helps to lower shipping costs

**Adjustable**
ON DEMAND™
DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN,
WHEAT, COTTON AND RICE SEED

THE ON DEMAND SYSTEM Designed to continuously apply Poncho/VOTIVO™ and Bayer Seed Treatment products at Downstream sites.

The control panel PLC monitors continuous seed flow and pump rates (up to twelve) in a NEAT application, through requirements configured in the recipe. The PLC features data and reporting output capabilities. The automatic pump speed compensation helps prevent over/under treatment.

The On Demand System comes enabled with added features and benefits, such as: limit the risk of carryover-treated seeds, helps ensure seed companies’ recommendations and choice of treatments are actually followed, monitor the quality of the application process for each batch of treated seeds, and simplify treating operations at seed dealer/retail locations.

Downstream application at seed dealer/retail locations creates flexibility of application right before planting, more complex operations locally, and variability in the quality and consistency of treatment application.

The RH machine used in this system operates the same as the RH Commercial model (refer to page 52).

* available in US only
SYSTEM DETAILS

Simplicity
On Demand is fully automated with preloaded bulk drums that eliminate the need for hand mixing. “Neat” applications will be standard, with no slurry and no measuring and mixing errors.

Accuracy
Application accuracy is comparable to commercial systems.

Flexibility
Custom application without developing multiple in-can formulations; each seed company can have its own recipe for differentiation.

Inventory Management
On Demand measures actual use and can reorder when supplies are low, allowing dealers to optimize inventory.

Comprehensive Reporting
Two-way communication between each treater panel and Bayer CropScience distribution allows for real-time data retrieval to track lot numbers, batches, seed varieties and stock forecasting.

Service Benefits
Users can communicate directly with the On Demand control panel using their personal computers or smartphones. This setup also allows for proactive technical support.

Stewardship
On Demand offers product stewardship and package convenience for seed treaters. The system will only apply approved seed treatment recipes (co-development between Bayer CropScience and seed companies), which helps ensure Poncho® VOTiVO™ and all other Bayer CropScience seed treatments will be applied correctly and at labeled rates.

FEATURES & BENEFITS
- Automated alerts at treatment locations sent to customer service for resolution
- After hours coverage (24/7) available to customers
- Automated Ticket System supports problem resolution by sending emails to problem solvers and customers. Includes knowledge base for frequently asked questions (FAQ)
- Technical support staff has more than 100 years of combined experience

“I have been very happy with the On Demand system that I put in this spring. Since I do the majority of my treating in season, I have seen huge time savings since I no longer need to mix the slurry.” (Jim Farris, owner and operator, Agri-Tech Seed, Vincennes, Indiana, USA)

HMI Touch Screen

RH 2000 Drum Treater

Pump Stations
From its base in Griggsville, Illinois, Logan Agri-Services, Inc., has been providing petroleum products, seed, crop protection chemicals, fertilizer and custom application to producers since 1962. Large on-site storage facilities in Griggsville for seed, dry and liquid fertilizer, anhydrous ammonia and more than 30,000 gallons of bulk herbicides enable Logan Agri-Service to make timely delivery of crop inputs.
“We were very pleased with the capabilities of the system and how easy it was to pick up on the process. After we got through the first initial product hiccups we were able to treat the entirety of our seed in just a few days.”

(Josh Schaver, Logan Agri-Services, Inc., Griggsville, Illinois, USA)

In early September 2012 Logan Agri-Services decided to purchase a Bayer On Demand seed treater with an RH 2000 and a 48" drum. A Bayer technician, Jim Rauls, was on site for two days early in April 2013 to help with installation. On the first day, Jim examined the equipment set-up and initiated the On Demand system, ran an update, and worked with treater operators to create recipes, understand the functions of the website, and calibrate each station. On the second day, Logan Agri-Services began treating boxes. Although initially uncertain about which crop protection products to use in treating beans, by the end of the first week Logan Agri-Service was convinced that the combination the Bayer specialists had recommended was best. The combination Acceleron fungicide + Poncho/VOTIVO + Precise + water was delivering the best covering and best-looking beans. What’s more, Logan Agri-Services’ treater operators couldn’t believe how quickly they were able to treat between 5,000 and 6,000 units of beans, with most being treated in only a week.

The new On Demand site required an external antenna and a support brace for a station, but all in all there were minimal issues once the system was up and running, as Josh Schaver, Logan Agri-Services, confirms. He was also very appreciative of the service support: “Thank you for all the help provided to us during our first season with the Bayer On Demand system. After we got through the initial product hiccups, we were able to treat the entirety of our seed in just few days, and were able to treat about three times as many boxes per hour as we were in the beginning. The process was seamless and accurate. We look forward to our continued relationship with Bayer.”
RH 800 BASIC
DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN, WHEAT,
COTTON AND RICE SEED

FEATURES & BENEFITS
• Rotary seed wheel controls positive seed delivery
• MIST-O-MATIC® atomizer for improved treatment-to-seed coverage, does not require any lubrication
• Variable speed drum control provides maximum blending efficiency and easily accommodates different seed types
• 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
• Adjustable stand accommodates conveyor hoppers and height limitations

VALUE ADDED SERVICES
• 1 year extended parts warranty
• Site assessments
• CAD drawings for site planning
• Distributor network
• National service support

CAPACITY
• 800 bu/hr (based on soybeans)
Continuous Flow Drum Treating Machines

TREATER DIMENSIONS:
HEIGHT* 118.75” LENGTH 110.65” WIDTH 36.15”

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

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

* Adjustable
RH 800 COMMERCIAL DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN, WHEAT, COTTON AND RICE SEED

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

CAPACITY

• 800 bu/hr (based on soybeans)
TREATER DIMENSIONS:

HEIGHT* 118.75" LENGTH 115.43" WIDTH 44.00"

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
- UL 508 Listed control panel provides easy recipe creation and controls up to four pumps simultaneously or individually
- State of the art electronics 12" color touch screen HMI interface and highly accurate AC variable frequency drives
- PLC features data and reporting output capabilities
- Variable speed drum control provides maximum blending efficiency and easily accommodates different seed types
- Corrosion resistant stainless steel treating head helps ensure long life and abrasion resistance

4) Drum & Frame Assembly
- Adjustable drum and frame accommodates for unique seed flow changes & conveyor hopper and height imitations
- 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

VALUE ADDED OPTIONS
- 8' × 30" stainless steel mixing drum
- 8' × 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

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

* Adjustable
RH 2000 BASIC DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN, WHEAT, COTTON AND RICE SEED

FEATURES & BENEFITS

- Rotary seed wheel controls positive seed delivery
- MIST-O-MATIC® atomizer for improved treatment-to-seed coverage, does not require any lubrication
- Variable speed drum control provides maximum blending efficiency and easily accommodates different seed types
- 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
- Adjustable stand accommodates conveyor hoppers and height limitations

CAPACITY

- 2000 bu/hr (based on soybeans)

VALUE ADDED SERVICES

- 1 year extended parts warranty
- Site assessments
- CAD drawings for site planning
- Distributor network
- National service support
Continuous Flow Drum Treating Machines

TREATER DIMENSIONS:
HEIGHT* 118.75" LENGTH 110.65" WIDTH 36.15"

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 2000 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

VALUE ADDED OPTIONS
- 8” × 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
- Upgrade current HC 2000 model with RH 2000 treater head
- Optional Inlet surge bin
- Optional inlet conveyor control for automating conveyors: includes hi/lo sensors. Compatible with most automated system controls

*Adjustable
Continuous Flow Drum Treating Machines

RH 2000 BASIC 48"
DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN, WHEAT, COTTON AND RICE SEED

FEATURES & BENEFITS
• Rotary seed wheel controls positive seed delivery
• MIST-O-MATIC® atomizer for improved treatment-to-seed coverage, does not require any lubrication
• Variable speed drum control provides maximum blending efficiency and easily accommodates different seed types
• 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
• Adjustable stand accommodates conveyor hoppers and height limitations

"We have all five seed treaters running in our Belgorod regions and they are doing a good job. The results are great and everyone is praising the treaters. I would highly recommend them here in Russia or Ukraine.” (Eric Mowitz, Director of Operations, MIRATORG Agribusiness Holding, Moscow, Russia)

VALUE ADDED SERVICES
• 1 year extended parts warranty
• Site assessments
• CAD drawings for site planning
• Distributor network
• National service support

CAPACITY
• 2,700 u/hr (unit = 50 lb, based on soybeans)
TREATERS DIMENSIONS:
HEIGHT* 123.79" LENGTH 133.64" WIDTH 57.00"

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

VALUE ADDED OPTIONS
- 8” × 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
- Upgrade current HC 2000 model with RH 2000 treater head
- Optional Inlet surge bin
- Optional inlet conveyor control for automating conveyors: includes hi/lo sensors. Compatible with most automated system controls

* Adjustable
RH 2000 COMMERCIAL DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN, WHEAT, COTTON AND RICE SEED

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

CAPACITY

• 2000 u/hr (based on soybeans)
Continuous Flow Drum Treating Machines

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 2000 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
- UL 508 Listed control panel provides easy recipe creation and controls up to four pumps simultaneously or individually
- State of the art electronics 12” color touch screen HMI interface and highly accurate AC variable frequency drives
- PLC features data and reporting output capabilities
- Variable speed drum control provides maximum blending efficiency and easily accommodates different seed types
- Corrosion resistant stainless steel treating head helps ensure long life and abrasion resistance

4) Drum & Frame Assembly
- Adjustable drum and frame accommodates for unique seed flow changes & conveyor hopper and height imitations
- 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

VALUE ADDED OPTIONS
- 8’ × 36” stainless steel mixing drum
- Upgrade current HC 2000 model with RH 2000 treater head
- 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

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
RH 2000 COMMERCIAL 48” DRUM TREATING SYSTEM

RECOMMENDED FOR TREATING SOYBEAN, WHEAT, COTTON AND RICE SEED

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

CAPACITY

• 2,700 u/hr
  (unit = 50 lb, based on soybeans)
Continuous Flow Drum Treating Machines

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 2000 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
• UL 508 Listed control panel provides easy recipe creation and controls up to four pumps simultaneously or individually
• State of the art electronics 12” color touch screen HMI interface and highly accurate AC variable frequency drives
• PLC features data and reporting output capabilities
• Variable speed drum control provides maximum blending efficiency and easily accommodates different seed types
• Corrosion resistant stainless steel treating head helps ensure long life and abrasion resistance

4) Drum & Frame Assembly
• Adjustable drum and frame accommodates for unique seed flow changes & conveyor hopper and height imitations
• 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

**VALUE ADDED OPTIONS**
• 8” x 36” stainless steel mixing drum
• Upgrade current HC 2000 model with RH 2000 treater head
• 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

**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

**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

4) Drum & Frame Assembly
• Adjustable drum and frame accommodates for unique seed flow changes & conveyor hopper and height imitations
• 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

**VALUE ADDED OPTIONS**
• 8” x 36” stainless steel mixing drum
• Upgrade current HC 2000 model with RH 2000 treater head
• 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

**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

4) Drum & Frame Assembly
• Adjustable drum and frame accommodates for unique seed flow changes & conveyor hopper and height imitations
• 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
Drum Treating Reseach Equipment
BACKLIGHT KIT
FOR 100 OZ BEAKERS

RECOMMENDED FOR USE WITH TOP MOUNT CALIBRATION KITS ON CBP AND PSD TANKS

STANDARD 2-PRONG CORD (5 FT)
ON/OFF SWITCH
12" LED STRIP LIGHT
BACKLIGHT MOUNT (14.19" × 2.28")

Unlit
Backlit

BACKLIGHT KIT – 80013787

Designed to backlight 100 oz Top Mount Calibration Kit Beakers, mounted on CBP and PSD Tanks
• Helps improve clarity when reading chemical level through heavy viscosity during calibration
PRODUCT DETAILS

VALUE ADDED FEATURES

- Eye level mounting for easy viewing and operation
- Easy field installation
- Light position accommodates any three existing beaker studs

Easy Installation

1. Remove existing wing nut, slide bracket over stud, re-tighten wing nut
2. Loosen existing nut, position bracket under nut, re-tighten nut
3. Connect cord plug to external power source

100 oz Closed Calibration Kit
CALIBRATION KIT
100 OZ BEAKER

RECOMMENDED FOR USE WITH CBP AND PSD TANKS

GRADUATED CYLINDER SIZE
• 100 oz – Height 22.28"

OPTIONAL GRADUATED CYLINDER SIZES
• 100 ml – Height 15.56"
• 500 ml – Height 19.18"

CALIBRATION KIT-79689837
Top Mount Calibration Systems measure chemical by volume, not pump speed, in a required time frame for true chemical flow and accurate seed application.

DUAL FUNCTION
The drain valve switches from calibration to treat mode and drains treatment product back into the tank without delaying, stopping or interrupting the seed treatment process.

MODULAR DESIGN
The optional top mount calibration kit can be ordered with CBP and PSD tanks from the factory or as an upgrade kit for existing field installations.

UPGRADE PACKAGE
Bolts to either the CBP agitation motor or the PSD gear reducer. Upgrade kit includes graduated cylinder assembly, stainless steel mount bracket, drain valve, union tee, tubing and hardware.
1) CBP Tank with Closed Calibration
- Provides accurate real time calibration by volume
- Chemical recirculation function
- Quick disconnect NPT fittings for easy cleaning
- Closed calibration limits worker exposure, improved safe handling procedures

2) PSD Tank with Closed Calibration
- Provides accurate real time calibration by volume
- Chemical recirculation function
- Quick disconnect NPT fittings for easy cleaning
- Closed calibration limits worker exposure, improving safe handling procedures

VALUE ADDED FEATURES
- Eye level mounting for easy viewing and operation
- Actual pump output calibration for truer accuracy
- True closed system with no worker exposure, recirculates product back into tank
- Easy field installation
- Durable construction
- Easy cleanup requires no equipment breakdown
CONVE BOTTOM POLY (CBP) CHEMICAL SUPPLY TANKS

RECOMMENDED FOR SLURRY CHEMICAL MIXING IN RH SEED TREATING SYSTEMS

Designed to mix liquid treatment products requiring dilution or agitation, and pump them to the seed treating metering system.

Available in 30 & 60 gallon standard sizes. Other sizes available.

FEATURES & BENEFITS

- Rotating paddles and internal baffles provide excellent liquid product suspension, with minimum foaming. Removable paddles for easy cleanup.
- Hinged tank cover lid for easy inspection, grated finger guard for worker protection.
- Seamless, one-piece construction cone bottom and smooth surface design, ensures complete self drainage of viscous products, easier clean-out.
- Pre-wired heavy-duty agitation motor.
- Graduated tank body scale in gallons, for product level reference.
- UV protected and resistant to chemicals, impact and abrasion.
- Portable and easy to move stand alone tank.
- In-line filter for clean treatment product.

OPTIONS

- Optional top mount calibration kit for precise liquid calibration.
- Optional Premium filter package for ultimate in-line filtering.
- Optional flow meter for linear PLC communication.
PRODUCT DETAILS

1) Optional Pumping Systems (rates based on water)
   - 505 Low Rate (0.5 – 31.3 oz / min)
   - 505 High Rate (5.2 – 93.3 oz / min)
   - SP15 (21 – 169 oz / min)
   - 625 (21 – 284 oz / min)
   - LS (up to 100 oz / min, double head up to 200 oz / min)
   - SHURflo (up to 384 oz / min)

2) Optional 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

3) Optional Top Mount Closed Calibration System
   - Provides accurate real time calibration by volume
   - Chemical recirculation function
   - Quick disconnect NPT fittings for easy cleaning
   - Closed calibration limits worker exposure for improved safe handling procedures

VALUE ADDED FEATURES
   - Pumps can lift liquid slurry mix 20–30 ft vertically, depending upon product viscosity
   - Pumps can run dry without damage
   - When seed wheel stops, the pump stops
   - Peristaltic pump equipped with various element sizes
   - IP pump reacts to PLC signal, moves linearly with seed wheel

Three Graduated Cylinder Sizes
   - 100 oz – Height 22.28*
   - 100 ml – Height 15.56*
   - 500 ml – Height 19.1*
FLOW METER KIT CHEMICAL FLOW RATES

RECOMMENDED FOR USE ON CBP TANKS IN RH SEED TREATING SYSTEMS

FLOW METER KIT – 80495684

Displays chemical flow (current flow rate and totalized volume) from up to four flow meters to the treater.

Compact in-line design promotes accurate use of seed treatment products, stewardship and sustainability.

Each component is precision tuned to work in tandem. All contact components are stainless steel construction.

Works in conjunction with calibration beaker installed on CBP Tanks. Calibration kit may be ordered from accessory list.
PRODUCT DETAILS

1) Flow Meter Display
- Digital display provides real-time feedback
- Totalized treatment volume applied to seed
- Correction factor easily adjusted
- Up to four (4) flow meter ports
- Easy navigation between 4 flow meter displays
- Seed treatment product is calibrated by volume
- Easy one-step calibration* adjustment on the display

2) Flow Meter
- Helps prevent costly spills due to tubing malfunction
- Flow meter communicates with flow meter display
- Easy cleaning and maintenance – brushes included
- Cost effective and quality design – low cost replacement meters

VALUE ADDED FEATURES
- Easy field installation
- Stainless steel mount bracket
- Components are modular for easy exchange
- High quality construction for industrial use
- 20’ tubing included with kit

* Outside factors such as temperature, humidity, elevation, etc., may affect calibration. Recommended to calibrate whenever seed variety, seed type or treatment media changes
15 GALLON INOCULATION CHEMICAL SUPPLY TANKS

RECOMMENDED FOR TREATING SOYBEANS IN RH SEED TREATING SYSTEMS

Pumps an inoculant product from a 15 gallon cone bottom poly tank to a treatment system, for final application on soybean seed.

FEATURES & BENEFITS

• Metering Flow Control Valve with gauge, regulates product going to the treater
• Recirculation Valve allows product flow to the treater or back into the tank
• Shut-Off Valve for easy filter change
• Pump 1.4 gpm (based on water) with built-in bypass protection from excess pressure
• Screw On Plastic Lid for easy filling and cleaning

ORDER NUMBER
79230745
TANK DIMENSIONS:
HEIGHT 39.90"  DIAMETER 24.00"

1) Metering Ball Valve with Gauge
- Regulates even flow of treatment product to the treater
- Adjustable for volume control
- Quick disconnect NPT fittings for easy cleaning
- Recirculation/calibration/treatment valve

2) Pump
- Built-in bypass protection
- 1.4 gpm output (based on water)
- Quick disconnect NPT fittings for easy cleaning

3) In-line Filter
- Strainer basket with #20 mesh filter
- Shut-off valve for easy cleaning/changing
- Filters chemical for debris prior to pump

4) Plastic Tank Lid
- Easy to open lid for filling/cleaning tank
- 10-3/4" opening

VALUE ADDED FEATURES
- Lightweight and portable; Dry Weight: 70 lbs
- Sturdy steel stand with built-in pump base
- Cone shaped tank design, for easier drainage
- UV protected, resistant to chemicals, impact and abrasion
- Adapts well to treating systems
- Easy cleanup requires no equipment breakdown
30 GALLON INOCULATION CHEMICAL SUPPLY TANKS

RECOMMENDED FOR TREATING SOYBEANS IN RH SEED TREATING SYSTEMS

Pumps an inoculant product from a 30 gallon cone bottom poly tank to a treatment system, for final application on soybean seed.

FEATURES & BENEFITS

- LS Pump Control: variable speed and reversible with locking, digital knob
- LS Pump with DC gearmotor output: 8.345 lbs/gal (based on water) with built-in bypass protection from excess pressure
- Quick-change Pump Elements
- Recirculation Valve allows product flow to the treater or back into the Tank
- Tank Shut-off Valve for easy filter change
- Screw-on Plastic Lid for easy filling and cleaning
- Filter & plumbing assy with #20 mesh screen & rinse inlet port
- CRS frame & base

ORDER NUMBER
79894651
TANK DIMENSIONS:
HEIGHT 43.83" DIAMETER 26.98"

1) LS Pump Control
- Variable speed
- Reversible
- Locking, digital knob

2) LS Pump
- DC gearmotor
- Output: 8.345 lbs / gal (based on water)
- Built-in bypass protection from excess pressure

3) In-line Filter
- Strainer basket with #20 mesh filter
- Shut-off valve for easy cleaning / changing
- Filters chemical for debris prior to pump

4) Plastic Tank Lid
- Easy to open lid for filling / cleaning tank
- 10–3/4" opening

VALUE ADDED FEATURES
- Lightweight and portable; Dry Weight: 90 lbs
- Sturdy steel stand with built-in pump base
- Cone shaped tank design for easier drainage
- UV protected, resistant to chemicals, impact and abrasion
- Adapts well to treating systems
- Easy cleanup requires no equipment breakdown
CONVEYOR CONTROL KIT
FOR RH 2000

DESIGNED BY BAYER FOR EXCLUSIVE USE
WITH RH TREATING HEADS

Designed to operate conveyors as well as both HI & LO capacitive surge hopper sensors used in an RH seed treating system.

FEATURES & BENEFITS
- Elevator control mount
- Conveyor control: IN / OUT 230V/5HP, 1ph or 3ph
- HI sensor can be mounted on any of four positions on the surge hopper (height of HI sensor is also adjustable)
- HI & LO sensor (no programming required) is included w/ conveyor control package
- Equipped with two 5 m signal cables
- IN / OUT feed conveyor power connectivity

ORDER NUMBER
1PH 81691878
3PH 81720037
PRODUCT DETAILS:
EASY INSTALLATION

1) Easy Installation
• Mount conveyor control box on RH treater frame
• Conveyor power infeed and outfeed connections on control box
• HI Sensor installs easily on any RH head assembly surge hopper (surge hopper not included with conveyor control kit)
• Capacitive sensors included in kit
• IN/OUT feed conveyor switches
• E-stop button

2) HI Level Sensor
• Installs easily on top of the surge hopper (sensor shipped with conveyor control package)
• No programming required
• Can be mounted on any of four positions on the surge hopper (height of HI sensor is also adjustable)
• Included w/ conveyor control package

3) LOW Level Sensor
• Remove 30 mm sensor plug (plug shipped with hopper)
• Installs easily on side of the surge hopper (sensor shipped with conveyor control package)
• No programming required

VALUE ADDED FEATURES
• Overall - Height 15.55"
• No sensor programming required
• Controls both HI & LO capacitive sensors
RH 2000 SMALL SURGE HOPPER KIT

DESIGNED BY BAYER FOR EXCLUSIVE USE
WITH RH TREATING HEADS

The surge hopper adds capacity above the treater inlet to create a 'head' of seed buildup. This helps improve better seed flow through the treater.

FEATURES & BENEFITS

- Surge bin capacity: 10 units (based on soybeans)
- CRS hopper w/ support legs
- Pre-drilled mounting holes for HI sensor bracket
- 30 mm sensor bung
- Only adds 18.00" to treater height

ORDER NUMBER
80881169
ACCESSORY DIMENSIONS:
HOPPER HEIGHT 18.00" WIDTH 41.00" SQUARE

1) Easy Installation
- Installs easily on any RH 2000 head assembly
- Hardware included in kit

2) HI Level Sensor Holes
- Pre-drilled holes on all four sides of hopper flange accommodates for the HI level sensor bracket of the optional conveyor control kit

3) Sensor Bung 30 mm
- Remove 30 mm sensor plug
- Replace with capacitive LOW level sensor of the optional conveyor control kit

4) Hopper Viewing Window
- Quick and easy view of seed level in hopper

VALUE ADDED FEATURES
CONVEYOR CONTROL KIT (SOLD SEPARATELY)
HI LEVEL SENSOR
- Installs easily on top of the surge hopper
- No programming required
- Can be mounted on any of four positions on the surge hopper (height of HI sensor is also adjustable)
- Included w/ conveyor control

LOW LEVEL SENSOR
- Installs easily on side of the surge hopper
- No programming required
- Included w/ conveyor control
RH FULL SIZE SURGE HOPPER KIT

DESIGNED BY BAYER FOR EXCLUSIVE USE
WITH RH TREATING HEADS

FEATURES & BENEFITS
• CRS surge hopper support frame
• Removable top hopper extension
• Pre-drilled mounting holes for HI sensor bracket
• 30 mm sensor bung

SURGE BIN HEIGHT REQUIREMENTS:
RH 800
• Base hopper adds 21.00" to the treater height
• Extension adds an additional 15.00"
RH 2000
• Base hopper adds 18.00" to the treater height
• Extension adds an additional 18.00"

ORDER NUMBER
RH 800-79885938
RH 2000-79893353

The surge hopper adds capacity above the treater inlet to create a “head” of seed buildup. This helps improve better seed flow through the treater.
ACCESSORY DIMENSIONS:
RH 800 HOPPER HEIGHT 36.00" WIDTH 35.00" SQUARE
RH 2000 HOPPER HEIGHT 36.00" WIDTH 38.75" SQUARE

1) Easy Installation
   • Installs easily on any RH 2000 head assembly
   • Hardware included in kit

2) HI Level Sensor Holes
   • Pre-drilled holes on all four sides of hopper flange accommodates for the HI level sensor bracket of the optional conveyor control kit

3) Sensor Bung 30 mm
   • Remove 30 mm sensor plug
   • Replace with capacitive LOW level sensor of the optional conveyor control kit

4) Hopper Viewing Window
   • Quick and easy view of seed level in hopper

VALUE ADDED FEATURES
CONVEYOR CONTROL KIT (SOLD SEPARATELY)
HI LEVEL SENSOR:
• Installs easily on top of the surge hopper
• No programming required
• Can be mounted on any of four positions on the surge hopper (height of HI sensor is also adjustable)
• Included w/ conveyor control
LOW LEVEL SENSOR:
• Installs easily on side of the surge hopper
• No programming required
• Included w/ conveyor control
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.

All capacities and system recommendations stated should be used only as a reference. Some variance will occur with different seed type & size, type of chemicals used, and accessories used after the point of chemical application.

Bayer™, the Bayer Cross™, Poncho/VOTIVO MIST-O-MATIC® and On Demand™ are trademarks of Bayer. Poncho/VOTIVO is not registered in all states. For additional product information, call toll-free 1-866-99-BAYER (1-866-992-2937) or visit our Website at www.BayerCropScience.us

For fast and easy access to our website scan the code with your smartphone and an appropriate app.
www.seedgrowth.bayer.com