

# innovative turf solutions

## TREATMENT POWDER FEEDERS

The following equipment options allow a feeder to be configured to meet the needs of the specific application and budget. Select one hopper, one auger, extra auger length if needed, and one set of appropriate controls as required.

## HOPPERS

### ***Super Sack Hopper***

Hopper with support transition to hold a 2000 lb. super sack. Includes access door to untie the spout and a vibrator to aid in flow.

### ***Super Sack Hopper Bag Support***

Enhanced Bag support to promote better flow for finer powders. It includes an additional vibrator located on this support.

### ***Large Bag Dump Hopper without Supersack Support***

Hopper without supersack support top to hold approximately 300 lb. of product. Includes a vibrator to aid in flow.

### ***Large Bag Dump Hopper with Bag Break***

Hopper with bag breaker top to hold approximately 300 lb. of product. Includes a vibrator to aid in flow.

### ***Small Bag Dump Hopper***

Hopper to hold approximately 50 lb. of product.

## AUGERS

### ***Conveying Auger – 115 VAC***

Flexible conveying auger with carbon steel screw and UHMW tubing. Includes drive with  $\frac{3}{4}$  hp, 115 VAC motor, and mounting bracket for fixed-speed conveying at

approximately 30 lbs./min. The auger length is approximately 10 feet long and is sized to reach an 8' tall tank. It will mount to any of the hoppers listed above.

### ***Conveying Auger – 480 VAC***

Flexible conveying auger with carbon steel screw and UHMW tubing. Includes drive with ¾ hp, 480 VAC motor, and mounting bracket for fixed-speed conveying at approximately 30 lbs./min. The auger length is approximately 10 feet long and is sized to reach an 8' tall tank. It will mount to any of the hoppers listed above.

### ***Conveying Auger – 90 VDC***

Flexible conveying auger with carbon steel screw and UHMW tubing. Includes drive with ¾ hp, 90 VDC motor, and mounting bracket for variable-flow conveying between 5 and 30 lbs./min. The auger length is approximately 10 feet long and is sized to reach an 8' tall tank. It will mount to any of the hoppers listed above.

### ***Additional Auger Length***

The conveying auger can be lengthened in 10 foot increments.

## **CONTROLS**

### ***Control Panel – 115 VAC***

Controls housed in a NEMA 4 enclosure to be used with the 115 VAC auger motor. This panel includes two adjustable timers with start buttons and E-stop button. Requires 15 amp, 115 VAC single-phase service.

### ***Control Panel – 90 VDC***

Controls housed in a NEMA 4 enclosure to be used with the 90 VDC auger motor. Includes DC adjustable speed drive with potentiometer, selector switch, and relays to provide automatic operation with the dry contacts on your level probes. Requires 15 amp, 115 VAC single-phase service.

### ***Control Package – 90 VDC***

Loose DC adjustable speed drive with potentiometer and selector switch to be installed in your existing control panel. Requires 115 VAC single-phase control power.

### ***Control Package – 480 VAC***

Loose breaker, contactor, overload, and 3-position selector switch only, to be installed in your existing control panel for the 480 VAC auger listed above. Requires 115 VAC single-phase control power.

## **TREATMENT POWDER FEEDERS FOR CONTINUOUS, LOW-FLOW APPLICATIONS**

### **AUGERS**

#### ***Low-Flow Conveying Auger – 90 VDC***

Flexible conveying auger with carbon steel screw and UHMW tubing. Includes drive with 1/4 hp, 90 VDC motor, and mounting bracket for variable-flow conveying between 1/8 and 3/4 lbs/min. The auger length is approximately 5 feet long and is sized to reach a 6' tall tank. It will mount to any of the hoppers listed above.

#### ***Additional Auger Length***

The conveying auger can be lengthened in 5 foot increments.

### **CONTROLS**

#### ***Control Panel – 90 VDC***

Controls housed in a NEMA 4 enclosure to be used with the 90 VDC auger motor. Includes DC adjustable speed drive with potentiometer, selector switch, and relays to provide automatic operation with the dry contacts on your level probes. Requires 15 amp, 115 VAC single-phase service.

#### ***Control Package – 90 VDC***

Loose DC adjustable speed drive with potentiometer and selector switch to be installed in your existing control panel. Requires 115 VAC single-phase control power.

### **DELIVERY**

Delivery can currently be made in 2-4 weeks following order. Our delivery, however, may depend on the availability of outside purchased items.

### **CUSTOMER RESPONSIBILITIES**

- Miscellaneous installation materials including, but not limited to, wire, conduit, brackets, anchor bolts, etc.
- Labor of the proper trade to install the feeder.

### **PAYMENT TERMS**

Prices are F.O.B. Point of Manufacture. They do not include Duties, Municipal, State Sales, Use, Transaction or other taxes, and the same will be charged as an additional cost, if applicable.

## **WARRANTY**

All products manufactured by Ringwood are warranted to be free from defects in material and workmanship for a period of one year from the date of shipment or 2080 production hours, whichever occurs first. Ringwood's liability in any case is limited to replacement or repair of parts Ringwood manufactures, not parts manufactured or supplied by others. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCE WILL RINGWOOD BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION OR OTHER PECUNIARY LOSS) THAT MAY RESULT FROM THE USE OR INABILITY TO USE THE PRODUCTS. Ringwood will have no liability for ordinary wear and tear or if the products have been altered, misused, or damaged in any way.

This warranty does not cover labor or freight, and will in no case, exceed manufacturers' warranty policies for outside purchase items. Equipment, materials, parts, and accessories manufactured by others are covered by the specific manufacturer's warranty. If additional information is desired, feel free to contact our Service Department.