

MATERIAL HANDLING

DISTRIBUTORS



IS InterSystems®


PROVEN & DEPENDABLE™

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INTERSYSTEMS DISTRIBUTORS

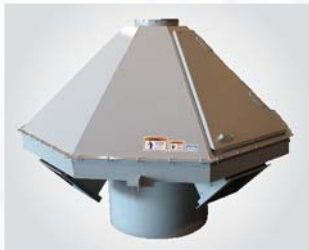
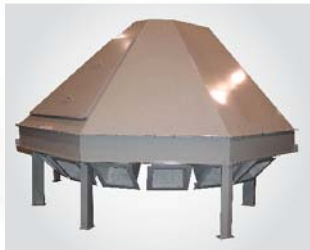


PROVEN & DEPENDABLE

InterSystems' wide range of distributor models provides you with the unit to best fit your unique needs.

InterSystems manufactures distributors in two styles, rotary and swing style. Rotary distributors with bi-directional rotation are available in round, flatback, and double round models. Swing style distributors are offered in single, double, triple and quad swing models. All distributors feature rotary position sensors for accurate positioning, weather-proof and dust-tight construction, electric direct drive design, and swing valves. Models can be further enhanced with options such as abrasion resistant lining or ceramic lining. Distributors may be manufactured of carbon steel, stainless steel or galvanized steel.

Our distributors' control components are among the most accurate. The system is simple and streamlined for "plug-and-play" installation and use. The control panel is comprised of a MicroLogix 1100 programmable logic controller (PLC) with built-in Ethernet/IP acting as the brain. To optimize compatibility, the input or HMI is provided by a PanelView C300 graphic terminal. The muscle of the control panel is the VFD, recently upgraded to a PowerFlex 523 which provides full torque at slower speeds and offers a shear pin simulated drive protection system. The absolute encoder retains memory during power loss to help ensure a failsafe operation. The 4-20mA model features 4096 steps in 180° or 360° (depending on the application and distributor model,) 6 conductor, and embedded digital-to-analog chip.



AVAILABLE ROTARY MODELS:

Round, Flat Back and Double Round



AVAILABLE SWING MODELS:

Single, Double, Triple and Quad

ROTARY STYLE - FULL ROUND

| CAPACITY | 2,000 - 6,000 BPH | | 7,000 - 11,500 BPH | | 12,000 - 17,500 BPH | | 20,000 - 25,000 BPH | | 30,000 BPH | 35,000 BPH | 40,000 BPH | 45,000 BPH |
|-----------------------|-------------------|-----|--------------------|-----|---------------------|-----|---------------------|-----|------------|------------|------------|------------|
| INLET/ OUTLET SIZE | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 |
| NUMBER OF OUTLETS | SIZE | HP | SIZE | HP | SIZE | HP | SIZE | HP | SIZE | HP | SIZE | HP |
| 4 | 76" | 1/2 | 84" | 1/2 | 90" | 3/4 | 90" | 3/4 | 104" | 1 | 104" | 1 |
| 6 | 76" | 1/2 | 84" | 1/2 | 90" | 3/4 | 90" | 3/4 | 104" | 1 | 104" | 1 |
| 8 | 76" | 1/2 | 84" | 1/2 | 90" | 3/4 | 104" | 1 | 116" | 1 | 124" | 1 |
| 10 | 84" | 1/2 | 90" | 3/4 | 104" | 1 | 116" | 1 | 124" | 1 | 136" | 1.5 |
| 12 | 90" | 3/4 | 104" | 1 | 116" | 1 | 124" | 1 | 136" | 1.5 | 148" | 2 |
| 14 | 104" | 1 | 116" | 1 | 124" | 1 | 148" | 2 | 148" | 2 | | |
| 16 | 116" | 1 | 124" | 1 | 136" | 1.5 | 148" | 2 | | | | |
| 18 | 124" | 1 | 136" | 1.5 | 148" | 2 | | | | | | |
| 20 | 136" | 1.5 | 148" | 2 | | | | | | | | |
| 22 | 136" | 1.5 | | | | | | | | | | |

ROTARY STYLE - FLAT BACK

| CAPACITY | 2,000 - 6,000 BPH | | 7,000 - 11,500 BPH | | 12,000 - 17,500 BPH | | 20,000 - 25,000 BPH | | 30,000 BPH | 35,000 BPH | 40,000 BPH | 45,000 BPH |
|-----------------------|-------------------|-----|--------------------|-----|---------------------|-----|---------------------|-----|------------|------------|------------|------------|
| INLET/ OUTLET SIZE | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 |
| NUMBER OF OUTLETS | SIZE | HP | SIZE | HP | SIZE | HP | SIZE | HP | SIZE | HP | SIZE | HP |
| 3 | 76" | 1/2 | 84" | 1/2 | 90" | 3/4 | 90" | 3/4 | 104" | 1 | 104" | 1 |
| 4 | 76" | 1/2 | 84" | 1/2 | 90" | 3/4 | 90" | 3/4 | 104" | 1 | 104" | 1 |
| 5 | 76" | 1/2 | 84" | 1/2 | 90" | 3/4 | 104" | 1 | 116" | 1 | 124" | 1 |
| 6 | 84" | 1/2 | 90" | 3/4 | 104" | 1 | 116" | 1 | 124" | 1 | 136" | 1.5 |
| 7 | 90" | 3/4 | 104" | 1 | 116" | 1 | 124" | 1 | 136" | 1.5 | 148" | 2 |
| 8 | 104" | 1 | 116" | 1 | 124" | 1 | 148" | 2 | 148" | 2 | | |
| 9 | 116" | 1 | 124" | 1 | 136" | 1.5 | 148" | 2 | | | | |
| 10 | 124" | 1 | 136" | 1.5 | 148" | 2 | | | | | | |
| 11 | 136" | 1.5 | 148" | 2 | | | | | | | | |
| 12 | 136" | 1.5 | | | | | | | | | | |

SWING STYLE

| CAPACITY | 2,000 - 6,000 BPH | | 7,000 - 11,500 BPH | | 12,000 - 17,500 BPH | | 20,000 - 25,000 BPH | | 30,000 BPH | 35,000 BPH | 40,000 BPH |
|-----------------------|-------------------|----|--------------------|----|---------------------|----|---------------------|----|------------|------------|------------|
| INLET/ OUTLET SIZE | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
| NUMBER OF OUTLETS | AVAILABILITY | | | | | | | | | | |
| 4 | X | X | X | X | X | X | X | X | X | X | X |
| 6 | X | X | X | X | X | X | X | X | X | X | X |
| 8 | X | X | X | X | X | X | X | X | X | X | X |
| 10 | X | X | X | X | | | | | | | |
| 12 | X | X | X | | | | | | | | |
| 14 | X | X | | | | | | | | | |
| 16 | X | | | | | | | | | | |

COMPLETE YOUR GSI SYSTEM

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40-SERIES™ GRAIN BIN

When determining the best system for your operation, we know that what's protected inside the bin is what counts most. Each GSI bin is efficiently designed to handle maximum loads for unmatched strength. All GSI bins are constructed using the highest-strength steel available.



TOWERS AND CATWALKS

GSI offers a full line of structures to support material handling equipment. Built to perform for the long haul, GSI's all new QuickBolt™ Towers and Catwalks are engineered to your facility's layout, taking wind, seismic and snow loading into consideration. GSI structures feature bolt-up assembly and hot-dipped galvanized finish.



ZIMMERMAN TOWER DRYERS

Not all tower dryers are created equal. What sets Zimmerman dryers apart is over 50 years of innovative design expertise and industry proven drying principles. The result is an easy-to-operate, easy-to-maintain, durable, fuel-efficient grain dryer, supported by an expert dealer network.



PREMIUM TRAINING, SERVICE AND SUPPORT

InterSystems reaches a worldwide market and numerous industries with expertise in the manufacturing of material handling products and industrial sampling systems. Purchased by GSI in 2014, InterSystems is based in Omaha, Nebraska and operates out of a 200,000 square foot state-of-the-art manufacturing facility. InterSystems is ISO 9001 and 14001 certified.



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