



### MECHATRON® FEEDERS

The MECHATRON® Feeder features the unique ability to disassemble, clean, reconfigure or service from the non-process side. Offered in low, mid, and high range models with either a Coni-Flex™ flexible hopper or in all stainless steel, the MECHATRON®'s versatility makes it a favorite for operators in process industries.

- Feed rates from 0.002 to 1,137 cubic feet (0.057 to 32,160 liters) per hour.
- Conical mass flow hopper design.
- Volumetric or gravimetric configurations.
- 3-A models available.



### MECHATRON® VIBRO FEEDERS

The stainless steel MECHATRON® Vibro Feeder was designed for accurately metering a wide variety of powders, granules, chips, flakes, and fibers. With a maintenance-free feed chute dry solid materials are gently metered for applications in the plastics, food, chemical, and pharmaceutical industries.

- Models available with feed rates ranging from .01 to 353 cubic feet (.3 to 10,000 liters) per hour.
- Complete disassembly from the non-process side of the feeder.
- Feeding accuracies of  $\pm 0.5\%$ .



### PUREFEED® PHARMACEUTICAL AP-300 FEEDER

The PureFeed® AP-300 Feeder features quick and easy disassembly, a dual arm agitation system for maximizing material handling versatility, and an FDA compliant EPDM feed hopper that is "disposable" and "recyclable." That means simpler, shorter cleaning cycles and virtually no chance of cross contamination when moving from one material to another.

- Feed rates from 0.5 to 150 kilograms per hour.
- 316 stainless steel.
- Sanitary quick disconnect clamps.



### PUREFEED® PHARMACEUTICAL DP-4 FEEDER

The PureFeed® DP-4 is a highly innovative gravimetric feeder that can accurately meter dry pharmaceutical, nutraceutical, and even cosmetic powders at feed rates as low as 20 grams/hour. The key to success for the PureFeed® DP-4 is an innovative, speed controlled, inert ceramic feed disc. The disc rotates to precisely discharge tiny amounts of material, continuously and pulsation free.

- Feed rates from 20 to 2,000 grams per hour.
- Quick and easy disassembly for cleaning and maintenance.
- 32 microinch Ra finishes for contact and non-contact areas.



### PUREFEED® INDUSTRIAL AI-300 FEEDER

Designed to meet the needs of low feed rate applications, the PureFeed® AI-300 feeder includes the following customer driven features; quick and easy disassembly, a dual arm external agitation system for maximizing material handling versatility, and a disposable, recyclable EPDM feed hopper.

- Excellent for metering micro ingredients, color pigments, and plastic additives.
- Quick disassembly reduces time for processes with multiple product changeovers.
- Feed rates from 0.5 to 150 kg/hr.



### SOLIDSFLOW™ 2000 – LOUVERED VIBRATORY FEEDER

The SolidsFlow™ Model 2000 is a low maintenance, easy to clean feeder that handles materials whose flow characteristics may differ. With no moving parts and very few spare parts needed, the Model 2000 requires little maintenance. The trademark of the feeder is its ability to feed friable and abrasive materials like steel wool, graphite, polyester, and wood pulp just to name a few.

- Feed tray sizes range from 6" (152 mm) to 72" (1,829 mm).
- No material degradation or segregation.
- Feed rates from 0.2 to 3,100 cubic feet (5.7 to 87,782 liters) per hour.
- USDA accepted models available.



### SOLIDSFLOW™ 5000 – STREAMOUT FEEDER

SolidsFlow™ Model 5000 Streamout Feeders deliver a controlled, curtain-like uniform flow across feed tray outlets available in widths up to 66 inches. The Streamout Feeder is especially popular with snack food producers and bakeries that need to continuously and uniformly spread salt, powdered sugar, powdered cheese or some other dry spice over another conveyed product.

- Streams 8" to 66" wide.
- Simple, reliable controlled flow without flow-aid devices.
- Low initial and operating costs.
- Instant cut-off for optimal batch accuracy.



### VOLUMETRIC SERIES FEEDERS

The economical and application-proven Tuf-Flex™ Volumetric Series Feeders handle a wide variety of fine powders, flakes, granules, chips, and pellets. They are in operation worldwide in every major industry.

- Feed rates from 0.000017 to 280 cubic feet (0.0005 to 7,929 liters) per hour.
- Vinyl flexible hopper.
- External agitation paddles gently massage material into the metering screw.
- Sanitary models available.



### PROFLEX® C PLASTICS FEEDER

ProFlex® C feeders were designed specifically for extruder manufacturers and compounders to meet their volumetric and gravimetric feeding application needs. Featuring the unique ability to exchange the AC drive motor assembly and material discharge positions, the ProFlex® C can accommodate different mounting and clustering requirements for up to eight feeders.

- Motor and nozzle can be repositioned creating space saving options.
- Quick and easy disassembly.
- Feed rates from .035 to 212 cubic feet (1 to 6,000 liters) per hour.



### DISOCONT® CONTROLS – OP1 – DG-2000™

DISOCONT® is a revolutionary modular electronic control system, which comes fully integrated and pre-wired, substantially reducing capital investment and installation costs. Using Fieldbus technology, the DISOCONT® easily integrates into Allen-Bradley, Modicon, Siemens, and many other PLC's to offer high-end gravimetric control.

OP1 is a single feeder operator interface for the DISOCONT® control providing users with operation, calibration, trending, and basic diagnostics in one easy to use system.

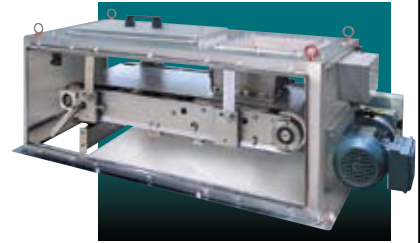
DG-2000™ Group Manager adds graphics, recipe management, trending and touch-screen operation to the DISOCONT® gravimetric control family.



### DEA WEIGHBELT FEEDERS

For fragile materials or applications with height restrictions, the DEA Weighbelt Feeder is an excellent alternative for feeding and weighing materials that could be damaged in a screw feeder. Easy belt detensioning and removal, BIC (belt weight influence compensation), and all stainless steel construction make the DEA popular with operators in the food, pet food, plastics, and chemical industries.

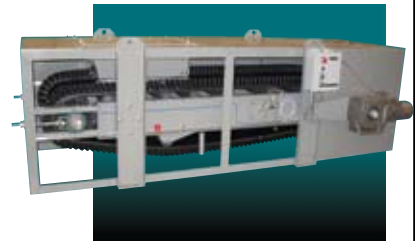
- 12" and 24" belt widths.
- Cantilever design for easy and quick belt removal.
- Feed rates up to 1,680 cubic feet (47,572 liters) per hour.



### DMO WEIGHFEEDERS

Schenck AccuRate DMO Weighfeeders are specifically designed to provide dependable service with minimal maintenance and care. Heavy-duty, long life components are selected to assure a stable and distortion-free compact assembly capable of withstanding tough industrial conditions.

- 24" to 54" standard belt widths. Special designs up to 72" available.
- Easy belt removal.
- Feed rates up to 500 tons per hour.



### BEMP™ BELT SCALES

The Schenck AccuRate BEMP™ Belt Scale provides material processing managers with superior, continuous in-line belt performance information. Monitor rate, totalize weight, speed, and load from your conveyors using simple, operator friendly programs.

- For continuous flow rates up to 15,000 tons per hour.
- Uses 2 NTEP - approved single point load cells.
- Easily mounted whether your conveyor uses 18" or 60" wide CEMA idlers.



### MULTICOR® MASS FLOW METERS

Multicor® Mass Flow Meters offer the ability to continuously weigh, batch, and gravimetrically feed dry, free-flowing materials. Material enters the inlet of the unit and passes over a rotating, partitioned wheel producing a Coriolis force and torque parameter proportional to mass flow.

- Flow rates up to 10,500 cubic feet per hour.
- Low installed height.
- Dust tight enclosure.
- Can handle material temperatures up to 266° F (130° C).



### SACMASTER® BULK BAG DISCHARGE SYSTEM

SacMaster® Bulk Bag Discharge frames were designed to be versatile and safe. Load the frame by hoist or with a fork truck. Specify frame height to match your bags. Add a screw feeder, intermediate surge hopper or conveyor transition. Then watch how the patented "posi-flow" adaptive agitation fluidizes even the most compacted materials. Load cells are also optionally available with the SacMaster® for use in loss-of-weight batching applications.



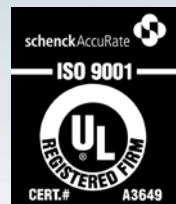
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Schenck AccuRate is a unit of Schenck Process

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