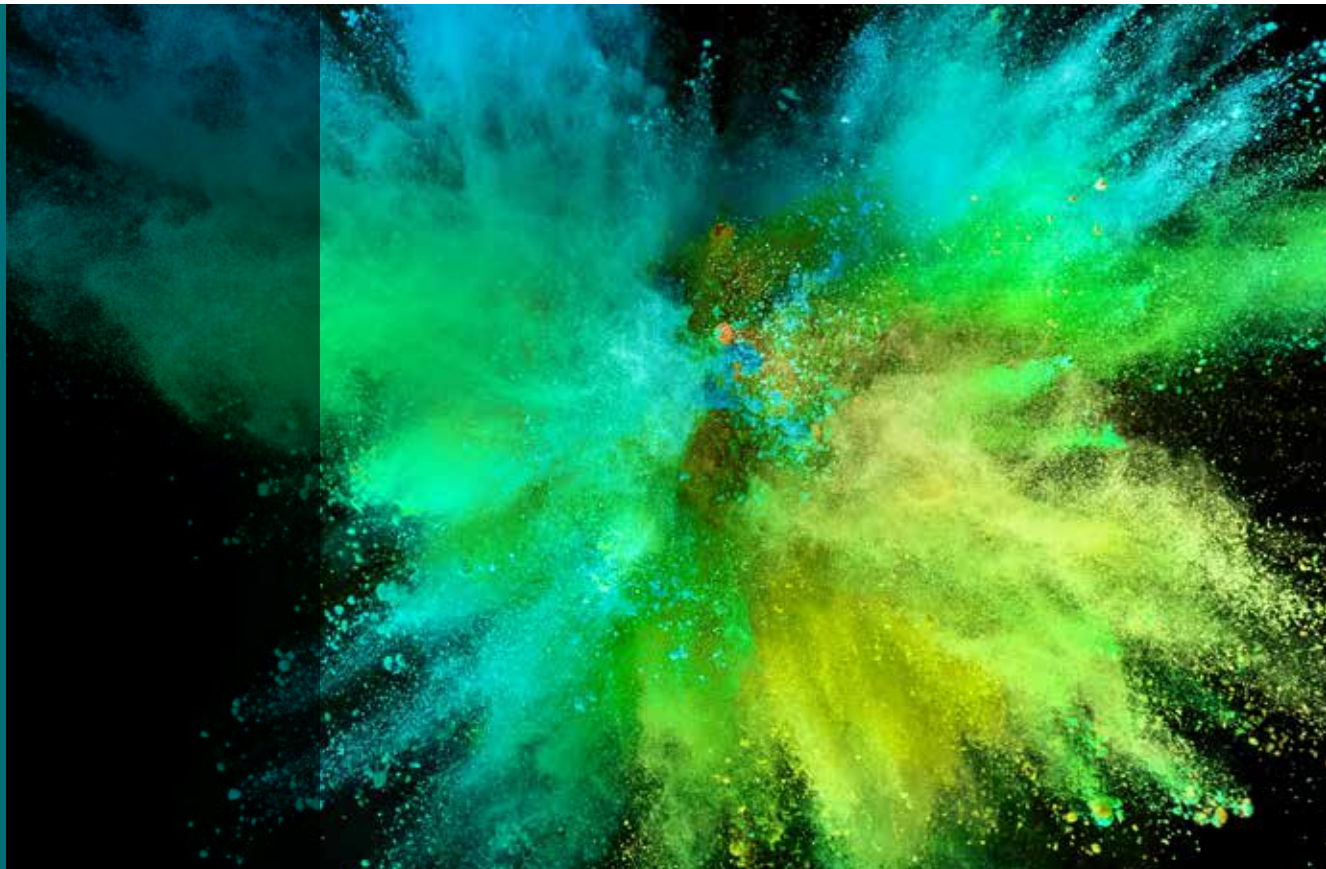


# Material Handling Solutions for Powder Coating Production

- » Feeding
- » Extrusion
- » Pneumatic  
Conveying
- » Milling
- » Sifting
- » Dust  
Collection



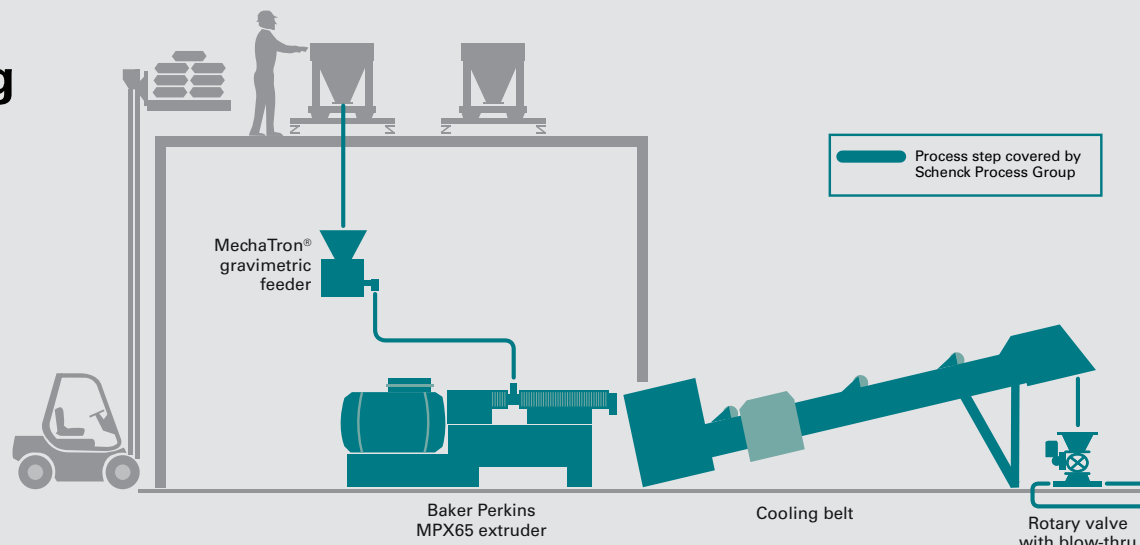
## System Solutions for Paint and Coatings Products

Schenck Process integrates the brands of Schenck AccuRate, Baker-Perkins, Kemutec, and Mac Process to deliver complete material handling systems from one source. With expertise in Feeding, Extrusion, Milling, Pneumatic Conveying, Sifting, Process Controls, and Dust Collection we have a long history of designing and manufacturing bulk material handling systems for powder coating producers throughout North America.

## Project Management

At Schenck Process, everything we do is centered on customer satisfaction. Our project management teams will take command of the design/build process from the project kick-off all the way to process commissioning. From start to finish, our teams are dedicated to meeting your business goals.

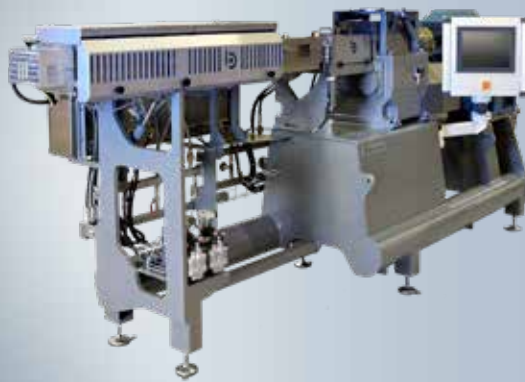
# Application example: Powder Coating



### MechaTron® Feeder

Volumetric and gravimetric feeding

- Feeding accuracies up to 0.5%
- Highly accurate systems create better quality finished product and reduce waste
- Complete disassembly from the non-process side speeds cleaning and maintenance
- Feed rates up to 1,100 ft<sup>3</sup> per hour



### MPX Twin-Screw Extruder

Versatile, high output extruder

- Lightweight, low density materials are handled efficiently using patented MAX 3 Technology
- Quick start-up, reliable operation and rapid changeover keep operating costs low
- All wear parts are long-lasting and easily replaced
- Clamshell barrel can be opened quickly and easily for regular cleaning
- Unique feed port and screw designs improve flow of material into the extruder barrel

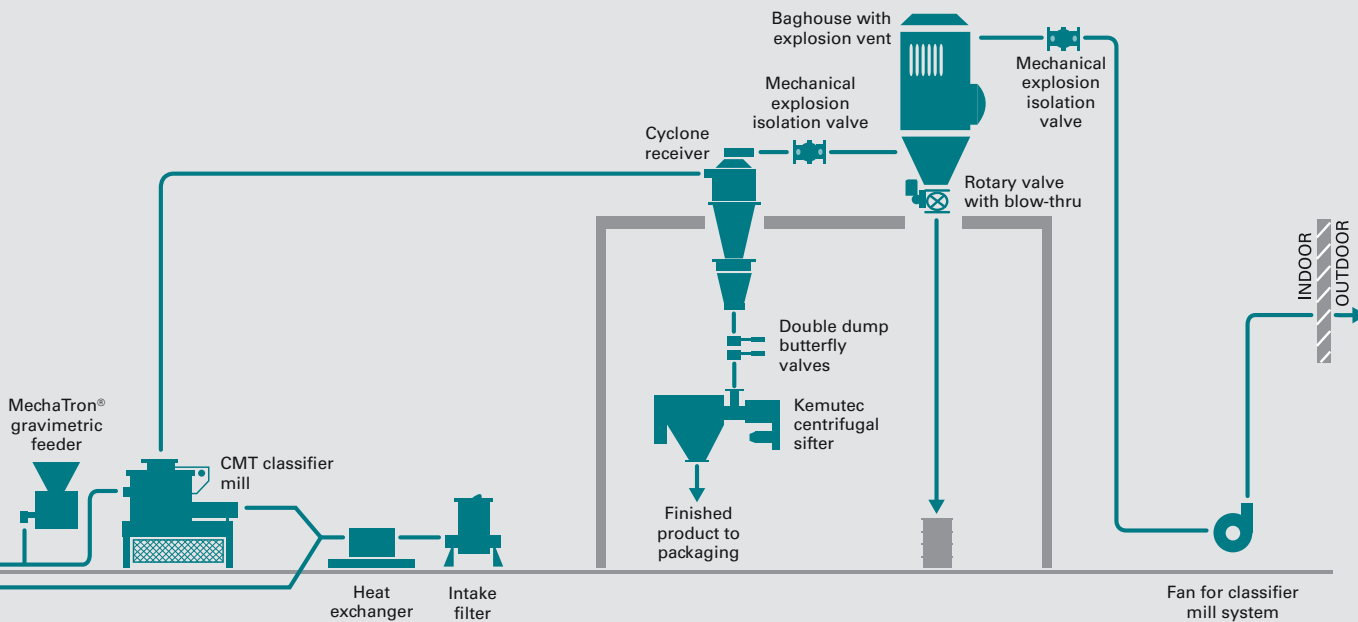


### CMT Classifier Mill

- Robust design with a long history in the industry
- Integral classifier for a finer powder
- Tight particle size distribution
- Large range from 5 hp to 400 hp
- Easy clean 'clamshell' body option

## PRODUCT RANGE CAPACITIES

Target Throughput (lb/hr)	11 - 60	100 - 330	225 - 740	450 - 1000	900 - 2000	1800 - 4000	3200 - 7450
Feeder (Gravimetric)	Low Range MechaTron		Mid Range MechaTron				High Range MechaTron
Feeder (Volumetric)	300 Series		600 Series				900 Series
Extruder	MPX19	MPX24	MPX30	MPX40	MPX50	MPX65	MPX80
Classifier Mill	LAB-CMT	1CMT-007	3CMT-015	3CMT-020	5CMT-040	7CMT-075	8CMT-150
Sifter	Mini-Sifter	K300C	K650C		K800C	K1150C	K1150CT



### Pneumatic Conveying

Dilute or dense phase

- Fully configurable to specific application
- Single or multiple pickup and/or discharge locations
- Convey to material storage in silos or work bins
- Cost effective solutions for conveying materials over long distances
- Systems are fully configurable for explosive, abrasive, or difficult materials

### Kemutec KEK Sifters

Rotary sifter for powder and granule processing

- High capacity and high-efficiency sifting
- Gravity and inline pneumatic conveying designs
- Screens can be quickly changed in as little as 30 seconds
- Easy disassembly for cleaning and maintenance

### Process Controls

Systems for product consistency

- Programming and graphic displays custom engineered for each process
- Fully integrated controls where all equipment is managed from one source
- Data collection and trending for sensitive ingredients
- Recipe integration for varying material requirements

BV-P5094EN All information is given without obligation.  
All specifications are subject to change. © 2022



When it comes to material handling systems, we've got you covered. Our precise systems ensure your products will meet the specific needs of the customers you serve.

# Building success one coat at a time.

schenck process 

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