



# En Masse Chain Conveyor

## *Dependable & Gentle on Materials*



En Masse Style Overhead Chain Conveyors



Drop-out Style Hinged Gates



Manual Slide Gates



Air-Operated Slide Gates



Chain & Flights

### **Quality & Experience**

For over 20 years, Sackett-Waconia has been making en masse style horizontal chain conveyors for fertilizer. Our family of en masse chain conveyors provide low horsepower, low maintenance, light weight, conveying of fertilizers and other dry bulk materials. Their totally enclosed design seals in dust and allows for indoor or outdoor installation.

En masse conveyors work by pulling a strand of flighted chain through the lower portion of a square body of bulk material. As this lower layer is pulled along, friction holds the particles together, making the top move with the bottom. This allows for a shallow bed of material to convey a large cross section of material. This design, is very gentle on handled materials, guaranteeing minimal product degradation.

### **Service**

Especially suited for corrosive environments, these conveyors feature stainless steel casings and return rails. The UHMW conveying flights have a very low coefficient of friction, and are highly resistant to abrasion.

Several discharge gate options are available, including manual, air, and electric operation. Gates are long to minimize carry-over, and each includes a chain cleaner to sweep the chain as it passes the gate.

### **Safety**

If there is one underlying principle to our engineering and fabrication, it's to NEVER compromise safety. All Sackett-Waconia equipment meets or exceeds OSHA regulations, and we will work with you to ensure any site or company specific requirements or concerns are met and addressed. Safety is a primary feature of every Sackett-Waconia System.

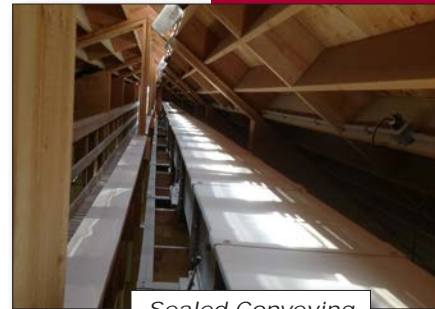
# En Masse Chain Conveyors

## Compact Design

Because of their small size and low maintenance requirements, Sackett-Waconia en masse conveyors are ideal for smaller spaces or locations with lower overhead clearance, and are ideal as over-bin conveyors. Our conveyors are built with a bent trough, bolted covers, and cover splice plates for dust-tight operation.



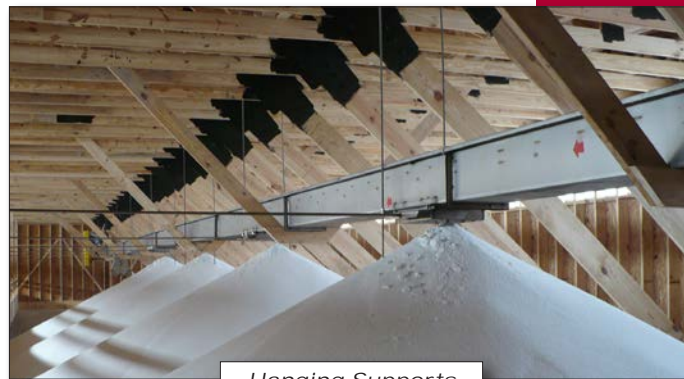
Bent Trough



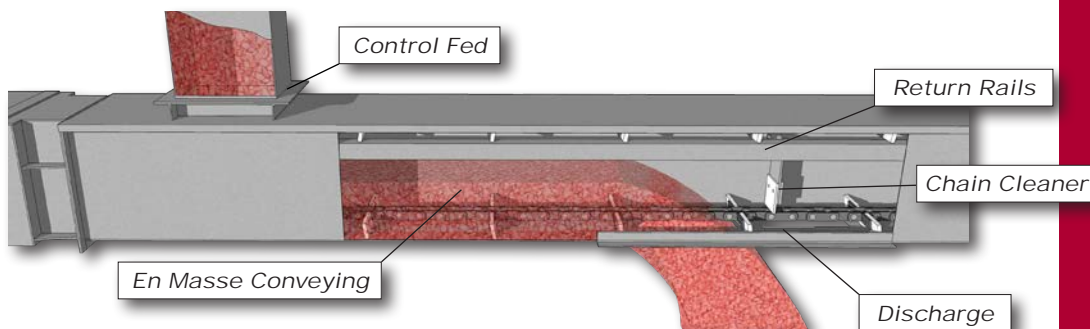
Sealed Conveying



Bin Wall Supports



Hanging Supports



## Capacities & Applications

Sackett-Waconia en masse conveyors are available in a wide range capacities from 65tph to 400tph. Typically they are used as over-bin conveyors, but can be used to move materials horizontally or at a minimal incline. Head sections come with an open discharge and all intermediate sections can be fitted with gates. Gates sizes range in length according to need.

Model	Capacity (at 60pcf)	Overall Height	Overall Width
DC120	65tph - 120tph	12"	16"
DC200	150tph - 200tph	16"	18"
DC300	250tph - 300tph	20"	15"
DC400	350tph - 400tph	22"	21"

\*Note: overall measurements are taken at the intermediate section and include the cover



Weather Tight

## Sackett-Waconia

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