



# En Masse Conveyors

Dependable Performance, Gentle on Materials



The Sackett family of En Masse conveyors provide gentle, low horsepower, low maintenance conveying of fertilizers and other dry bulk materials. By design, they are very gentle on handled materials, guaranteeing minimal product degradation. Their totally enclosed design seals in dust and allows for indoor or outdoor installation. Especially suited for corrosive environments, these

conveyors feature stainless steel bodies and chains with hardened stainless steel pins and bushings. Ultra high molecular weight polyethylene flights have a very low coefficient of friction, are self-lubricating, and are highly resistant to abrasion. They move the product "En Masse" (in a mass or group, all together) to an opened gate, where it is discharged.



(Left) Chain cleaner shown in conveyor trough before chain is installed. The cleaner pivots down to clean the chain when discharge is at that gate, or pivots up and out of the way when material is going past that gate to another one. (Center) conveyor section with cover removed for photo. Fertilizer is carried "en masse" in a much deeper pile than the height of the flights. Chain returns on top side, riding on stainless return rails. (Right) Model 1211 En Masse conveying DAP fertilizer.

## Discharge Gates

Standard manually operated hinged gates shown at left, closed and open. All stainless gate and hinge provides fast and easy discharge. Long openings minimize carry-by. A rubber sweep over each discharge cleans the chain. Slide gates are also available with manual, air or electric operation.



Sackett En Masse chain is custom manufactured to Sackett specifications to perform reliably in the corrosive fertilizer environment



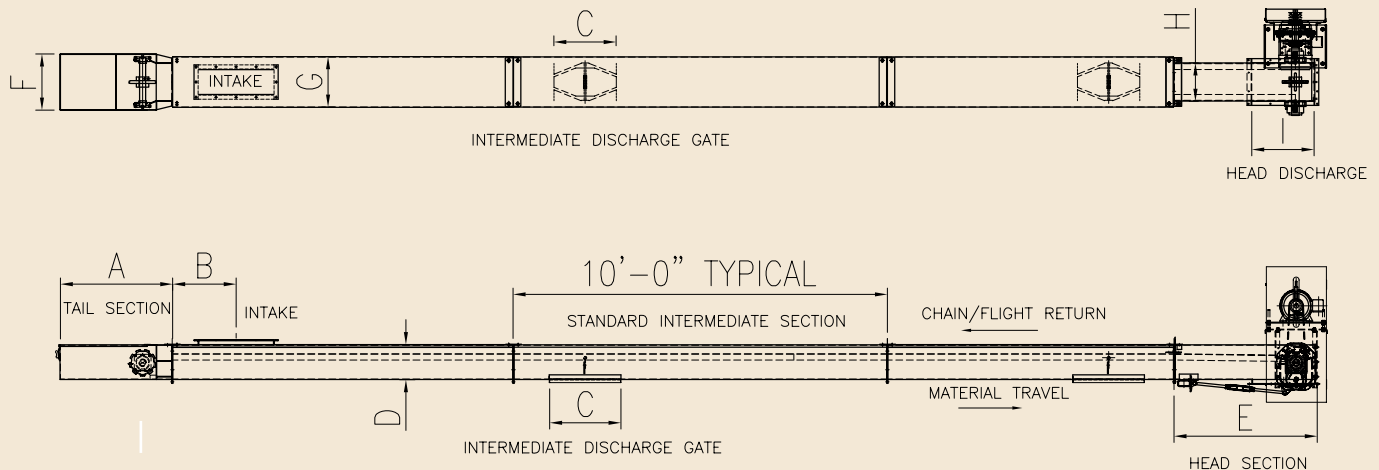
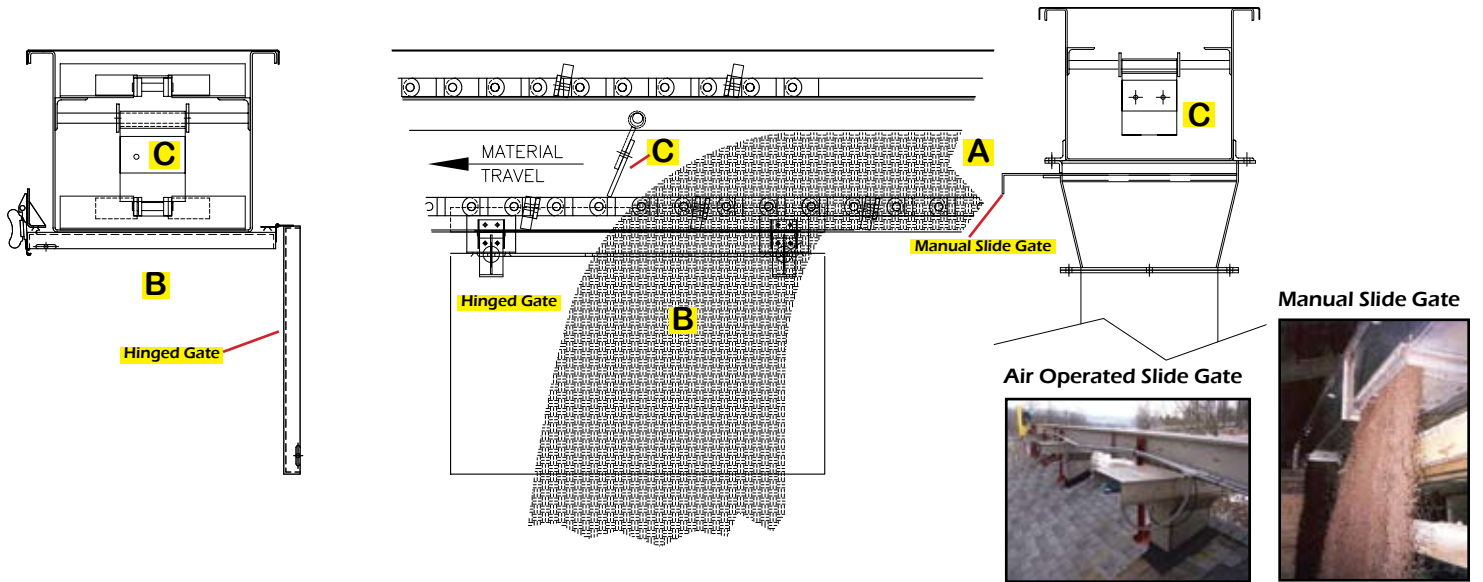
Extended clearance bushing keep sidebars (links) from touching, avoiding freeze-ups

Hardened 400 series stainless pin and bushing

# En Masse Conveyor Specifications

## Dependable Performance

Material travels at up to 60% of trough depth (A) until reaching a discharge gate (B), where it falls out. A chain cleaner (C) brushes material off the top of the chain, to reduce carry-by. Shown at left is the standard hinged gate. Below right is a manual slide gate.



ENGLISH	TPH	INCHES								
MODEL	CAPACITY*	DIMENSION A	B	C	D	E	F	G	H	I
1211	120 TPH	36.0	18.5	20	11.25	46.5	18.75	16.25	12.25	20.125
1215	200 TPH	42.0	18.5	30	15.25	46.5	18.75	16.25	12.25	22.000
1615	250 TPH	42.0	18.5	30	15.25	46.5	22	20.25	16.25	22.000
METRIC	MTPH	METERS								
MODEL	CAPACITY*	DIMENSION A	B	C	D	E	F	G	H	I
1211	109 MTPH	0.914	0.470	0.508	0.286	1.181	0.476	0.413	0.311	0.511
1215	180 MTPH	1.067	0.470	0.762	0.387	1.181	0.476	0.413	0.311	0.559
1615	225 MTPH	1.067	0.470	0.762	0.387	1.181	0.559	0.514	0.413	0.559

\*Capacities Based on 60 PCF Free-Flowing Bulk Material  
Unless Otherwise Noted, Drives are Sized for 80 PCF Material

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