

Imperial	S150C* / S150A*	S220C* / S220A*	S300C* / S300A*	S400C* / S400A*	S500C* / S500A*
Vehicle Compatibility	3/4- & 1-Ton Pickup Trucks	3/4- & 1-Ton Pickup Trucks	Dump Body or Flatbed Trucks (Over 15,000 lb GVWR)	Dump Body or Flatbed Trucks (Over 15,000 lb GVWR)	Dump Body or Flatbed Trucks (Over 15,000 lb GVWR)
Material Compatibility	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt
Capacity (Volume)	1.5 cu yd	2.2 cu yd	3.0 cu yd	4.0 cu yd	5.0 cu yd
Capacity (Weight)	3,240 lb	4,752 lb	6,480 lb	8,640 lb	10,800 lb
Spreading Width	Auger (Salt): Up to 36' Chain (Salt): Up to 36' Chain (Sand): Up to 24'	Auger (Salt): Up to 36' Chain (Salt): Up to 36' Chain (Sand): Up to 24'	Auger (Salt): Up to 36' Chain (Salt): Up to 36' Chain (Sand): Up to 24'	Auger (Salt): Up to 36' Chain (Salt): Up to 36' Chain (Sand): Up to 24'	Auger (Salt): Up to 36' Chain (Salt): Up to 36' Chain (Sand): Up to 24'
Approx. Weight** (Empty)	Chain: 530 lb Auger: 500 lb	Chain: 580 lb Auger: 550 lb	Chain: 750 lb Auger: 700 lb	Chain: 820 lb Auger: 770 lb	Chain: 910 lb Auger: 850 lb
Hopper Length (A)	84.50"	96.50"	96.50"	108.50"	108.50"
Length from Cab Side to Second Leg (B)	Chain: 65.50" Auger: 62.50"	Chain: 70.50" Auger: 67.50"	Chain: 82.50" Auger: 79.50"	Chain: 82.50" Auger: 79.50"	Chain: 82.50" Auger: 79.50"
Overall Hopper Length (C)	Chain: 107" Auger: 111.50"	Chain: 119.25" Auger: 123"	Chain: 120.50" Auger: 123"	Chain: 128.75" Auger: 129"	Chain: 126.25" Auger: 129"
Reference Diagram (A-C)					
Width of Hopper Opening (D)	50"	50"	70"	70"	70"
Height of Hopper w/o Chute (E)	32"	35.75"	41"	43.75"	50.50"

Reference Diagram (D-E)					
Material Delivery	Chain: 16" Wide	Chain: 16" Wide	Chain: 16" Wide	Chain: 16" Wide	Chain: 16" Wide
Dimensions	Auger: 6" Diameter	Auger: 6" Diameter	Auger: 6" Diameter	Auger: 6" Diameter	Auger: 6" Diameter
Hopper Construction	Riveted Stainless Steel	Riveted Stainless Steel	Riveted Stainless Steel	Riveted Stainless Steel	Riveted Stainless Steel
Spinner Size	16" Diameter	16" Diameter	16" Diameter	16" Diameter	16" Diameter

Metric	S150C* / S150A*	S220C* / S220A*	S300C* / S300A*	S400C* / S400A*	S500C* / S500A*
Models	S150C* / S150A*	S220C* / S220A*	S300C* / S300A*	S400C* / S400A*	S500C* / S500A*
Vehicle Compatibility	3/4- & 1-Ton Pickup Trucks	3/4- & 1-Ton Pickup Trucks	Dump Body or Flatbed Trucks (Over 15,000 lb GVWR)	Dump Body or Flatbed Trucks (Over 15,000 lb GVWR)	Dump Body or Flatbed Trucks (Over 15,000 lb GVWR)
Material Compatibility	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt	Chain: Sand, Salt & 50/50 Mix Auger: Bulk Rock Salt
Capacity (Volume)	1.15 cu m	1.68 cu m	2.29 cu m	3.06 cu m	3.82 cu m
Capacity (Weight)	1,470 kg	2,155 kg	2,939 kg	3,919 kg	4,899 kg
Spreading Width	Auger (Salt): Up to 10.97 m Chain (Salt): Up to 10.97 m Chain (Sand): 7.32 m	Auger (Salt): Up to 10.97 m Chain (Salt): Up to 10.97 m Chain (Sand): 7.32 m	Auger (Salt): Up to 10.97 m Chain (Salt): Up to 10.97 m Chain (Sand): 7.32 m	Auger (Salt): Up to 10.97 m Chain (Salt): Up to 10.97 m Chain (Sand): 7.32 m	Auger (Salt): Up to 10.97 m Chain (Salt): Up to 10.97 m Chain (Sand): 7.32 m
Approx. Weight** (Empty)	Chain: 240 kg Auger: 227 kg	Chain: 263 kg Auger: 249 kg	Chain: 340 kg Auger: 318 kg	Chain: 372 kg Auger: 349 kg	Chain: 413 kg Auger: 386 kg
Hopper Length (A)	214.63 cm	245.11 cm	245.11 cm	275.59 cm	275.59 cm
Length from Cab Side to Second Leg (B)	Chain: 166.37 cm Auger: 158.75 cm	Chain: 179.07 cm Auger: 171.45 cm	Chain: 209.55 cm Auger: 201.93 cm	Chain: 209.55 cm Auger: 201.93 cm	Chain: 209.55 cm Auger: 201.93 cm
Overall Hopper Length (C)	Chain: 271.78 cm Auger: 283.21 cm	Chain: 302.90 cm Auger: 312.42 cm	Chain: 306.07 cm Auger: 312.42 cm	Chain: 327.03 cm Auger: 327.66 cm	Chain: 320.68 cm Auger: 327.66 cm

Reference Diagram (A-C)					
Width of Hopper Opening (D)	127 cm	127 cm	177.8 cm	177.8 cm	177.8 cm
Height of Hopper w/o Chute (E)	81.28 cm	90.81 cm	104.14 cm	111.13 cm	128.27 cm
Reference Diagram (D-E)					
Material Delivery Dimensions	Chain: 40.64 cm Wide Auger: 15.24 cm Diameter	Chain: 40.64 cm Wide Auger: 15.24 cm Diameter	Chain: 40.64 cm Wide Auger: 15.24 cm Diameter	Chain: 40.64 cm Wide Auger: 15.24 cm Diameter	Chain: 40.64 cm Wide Auger: 15.24 cm Diameter
Hopper Construction	Riveted Stainless Steel	Riveted Stainless Steel	Riveted Stainless Steel	Riveted Stainless Steel	Riveted Stainless Steel
Spinner Size	40.64 cm Diameter	40.64 cm Diameter	40.64 cm Diameter	40.64 cm Diameter	40.64 cm Diameter

* C = Pintle Chain Conveyor / A = HELIXX Shaftless Auger ** Material weight equates to approximately 2,160 lb/cu yd or 80 lb/cu ft for 1 bag of rock salt.