

Inclined Screwfeeder



The ALL-FILL Model ISC Inclined Screwfeeder provides an efficient, reliable delivery system for powders and bulk solids dispensed by filling equipment. It consists of a high capacity (6 cu. ft.) hopper with Lexan cover, inclined trough assembly, and a 5.5" dia. by 10' long ground and polished stainless steel conveyor screw. Rugged screw drive motor and gear reducer mounted at base provides continuous, high torque operation with even the most difficult products. All controls and motor starters mounted at rear for easy access.

All product contact parts of the Model ISC are welded and polished type-304 stainless steel. Sealed hopper cover reduces contamination from external environment. Removable top screw end bearing plate permit entire unit to be quickly disassembled for thorough cleanup or sanitizing. Flexible discharge port allows direct connection to infeed duct of filling machine without spillage or waste.

Improve Filling Machinery Accuracy

Maintaining a steady, reliable head pressure of product in the filling machine's hopper is one of the more common and simple solutions to improving accuracy. Use of the Model ISC provides a consistent, regulated supply with consistent density to improve accuracy, reduce spillage, and increase your equipment's productivity.

Perfect Complement to ALL-FILL Fillers

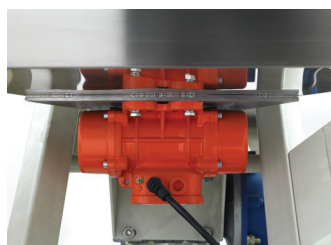
When used with any of All-Fill fillers, the Model ISC makes an integrated package for continuous, high accuracy/high cycle rate production filling. Wiring and interconnections are all performed at the factory, during assembly – eliminating costly and time-consuming field installation and integration.

Complete & Ready For Use

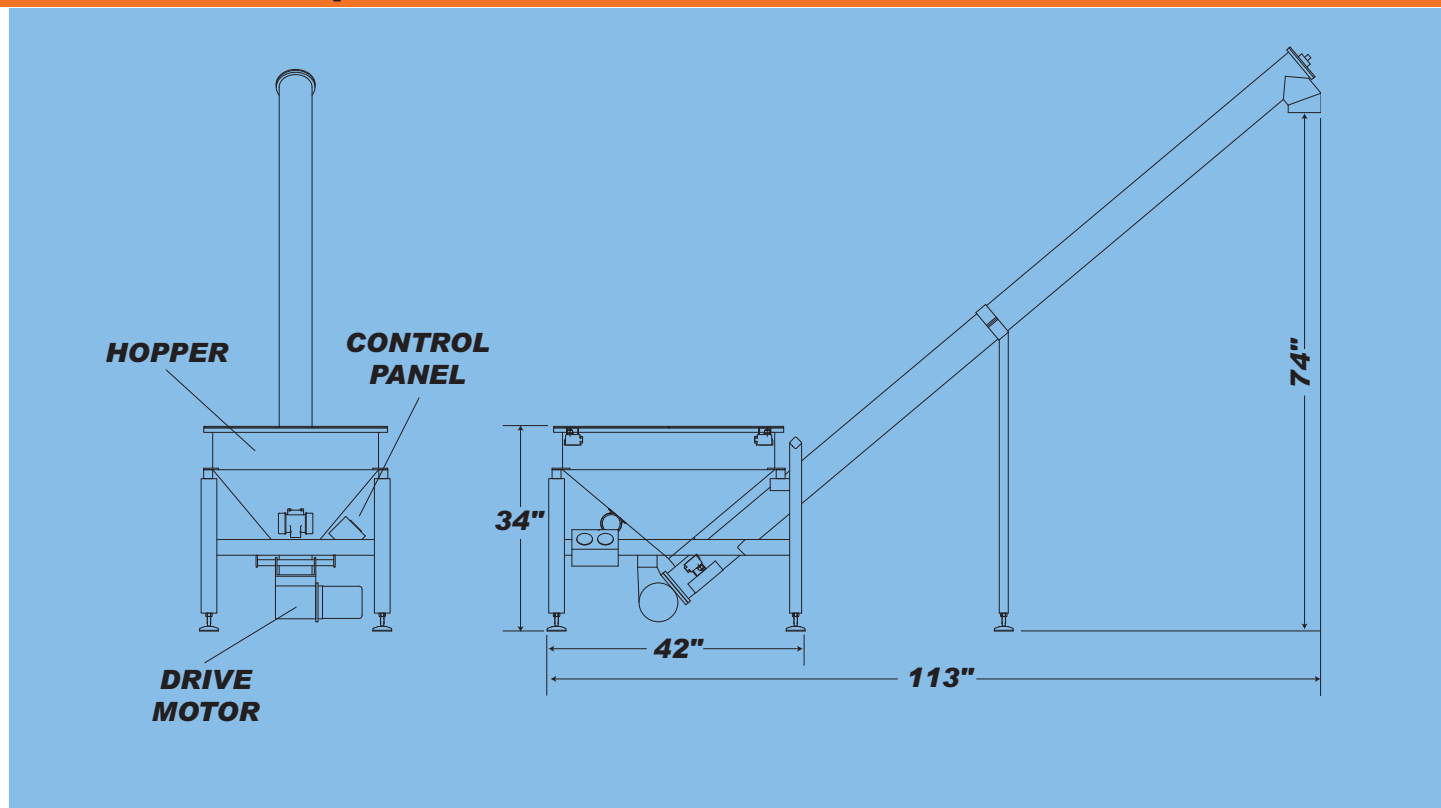
Screwfeeder comes complete, ready for operation with your equipment. Motor starters prewired for simplified electrical connections. Control panel includes Power On/Off switch, Screwfeeder Forward/Reverse Control, Agitation switch (when included), and Ready pilot light.

Level Control

As an option, a level control can be included to refill product. This compact, one-piece unit features simplified setup to ensure a continuous supply of product with customer-selected Fail Safe mode and adjustable time delay for resupply.



Dimensions and Components



Performance & Specifications

Hopper	Type 304 Stainless Steel construction measuring 27"x35"x24" 6 cubic foot capacity. Removable see-through cover provides visual indication of product supply
Frame	Painted mounting frame with adjustable feet and removable Lexan hopper cover
Auger	5.5" dia. X 10' long ground and polished stainless steel screw with matching, pivoting housing. 5.25: dia. Discharge fitting
Drive	1.5 hp 1400 rpm, TEFC drive motor with 10:1 gear reducer
Controls	Power Indicator, Emergency Stop, Reset switch and Forward/Reverse controls. Terminal strip provided for option/auxiliary control (level control, interlocks, solenoids, etc.)
Discharge Height	74", adjustable
Performance	150 cubic feet/hour
Utilities	Drive: 208/230/460v, 3-phase, 60 Hz. Controls: 110/120v, 1-phase, 60 Hz.
Options	<p><i>Level Control</i> – Provides on/off actuation in response to product level in hopper</p> <p><i>Hopper Agitation</i> – For control movement of product into flights of conveyor screw. Includes separate drive and controls</p> <p><i>Safety Interlocks</i> – Limit switches cut power when hopper opened</p> <p><i>Variable Speed Screw Drive</i> – To vary product supply rate</p> <p><i>Stainless Steel Frame</i> – For washdown and corrosive environments</p>



All-Fill: For All Your Filling Needs.

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