

MACHINE ACCESSORIES

MODEL/ISC

Incline Screw Conveying System

Even the most accurate of fillers can only operate with a reliable, regulated, consistent supply of product to the hopper. All-Fill complements its auger filling machines with a complete line of efficient, reliable delivery systems for free-flowing powders, non-flowing products, and bulk solids. All-Fill offers both horizontal and inclined screwfeeder equipment for the bulk supply of product to your filling equipment. Model ISC can be used to refill filling machine hoppers and can also be useful in transferring product from different height levels.

It consists of a high capacity (6 cu. ft.) hopper with hinged, removable cover, inclined trough assembly, and a 5.5" diameter, by 10' and 12' 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. Hopper agitation and vibration controlled by separate motors. All controls and motor starters mounted at rear for easy access. Built for maximum efficiency, safety, and ease of maintenance, our horizontal screw conveyors and inclined screw feeders are available in a variety of configurations, with options and accessories to help solve your most difficult product feeding challenges. 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.

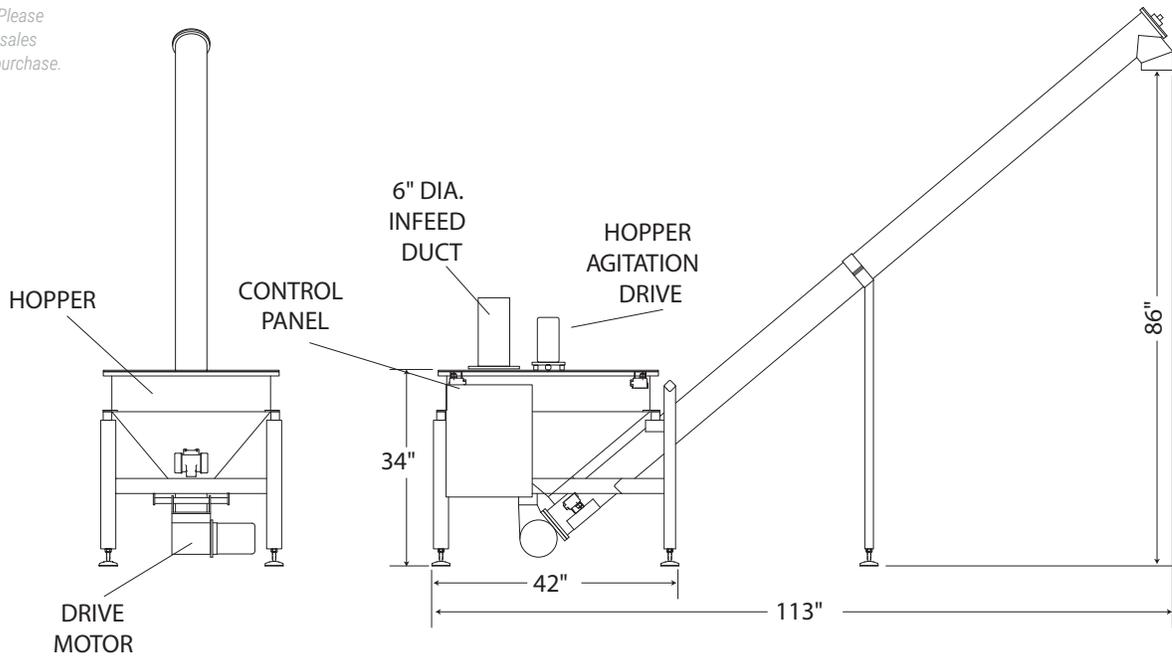


SPECIFICATION SUMMARY:

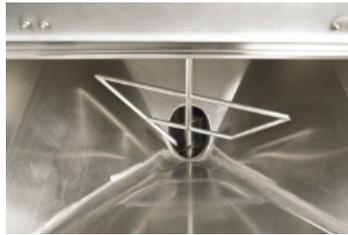
Construction:	Stainless Steel Frame – Welded and polished type-304 stainless steel product contact parts, Mounting frame with adjustable feet and removable hopper cover
Sizes:	5.5" dia. X 10' long ground and polished stainless steel screw with matching, pivoting housing, Adjustable discharge height, standard 74"
Features:	Includes ¼ hp, 1400 rpm drive and controls, 6 cu. ft. hopper with hinged cover, safety limit switches on hopper covers, delivery speeds up to 150 cu. ft per hour, variable length (10'–12'), 5" inch pitch, 5.5" diameter, stainless steel conveyor screw. Hopper Agitation, Separate motor-controlled agitator blade to regulate product into flights of conveyor screw.
Machine Dimensions:	113" wide X 92" high
Controls:	Forward/Reverse switch, Vibration & Agitation selector switches. Power Indicator, Emergency Stop, Reset switch, Screwfeeder Jog-Run-Off selector,
Electrical Requirements:	208/230/460v, 3-phase, 60 HZ.
Construction:	Stainless steel contact parts
Options:	Level control available, provides on/off actuation in response to product level in filler hopper, Variable Speed Screw Drive – To vary product supply rate, safety interlocks – limit switches cut power when hopper opened

MACHINE DIMENSIONS:

Dimensions are approximate and subject to change. Please confirm sizes with your sales representative prior to purchase.



ADDITIONAL MODEL DETAILS:



PERFECT COMPLEMENT:

When used with any of All-Fill fillers, the Model ISC makes an integrated package for continuous, high accuracy/high cycle rate production filling.

IMPROVE FILLING ACCURACY:

Steady and reliable head pressure of product in the filling machine's hopper is one of the simplest solutions to improving accuracy. The ISC provides a regulated supply with consistent density to improve your equipment's accuracy and productivity.

COMPLETE & READY FOR USE:

Motor starters prepared for simplified electrical connections. Control panel includes power on/off switch, screwfeeder forward/reverse control, vibration/agitation selector switches, and ready pilot light.

WORLD-CLASS SERVICE & SUPPORT:

We understand downtime and its effect on your bottom line. Packaging machinery is only as strong as its service and support system. If you run into challenges, All-Fill's Service team consists of 15 full time service employees with over 150 years of combined experience in the packaging industry. Our team can train, install, and troubleshoot any All-Fill machinery. We service domestically and in our international territories: Canada, Central and South America, India, China and Australia. Contact our Service team at Service@all-fill.com.

PARTS SUPPORT:

All-Fill machines are designed using the most innovative controls and the highest quality parts and components. All-Fill has an unmatched ability to identify and resolve issues that may arise with your machine. Our parts department provides quality support in a timely manner to reduce your downtime and stocks most parts for quick delivery. From mechanical assemblies, electronic components, tooling, machine accessories and software, we have the parts you need. Contact our Parts Department at AFI-parts@all-fill.com.

INTERNATIONAL INQUIRIES:

All-Fill's packaging machinery is available worldwide for almost any product and industry. Our more than 50 years of engineering expertise combined with our industry leading field support makes us a leader in the industry. We design, manufacture, install and service machinery with maximum accuracy and reliability. Our global presence means uncompromising service and support, no matter what or where your needs are. Reach out today to discuss your project with our international sales team. Contact us at info@all-fill.com.

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