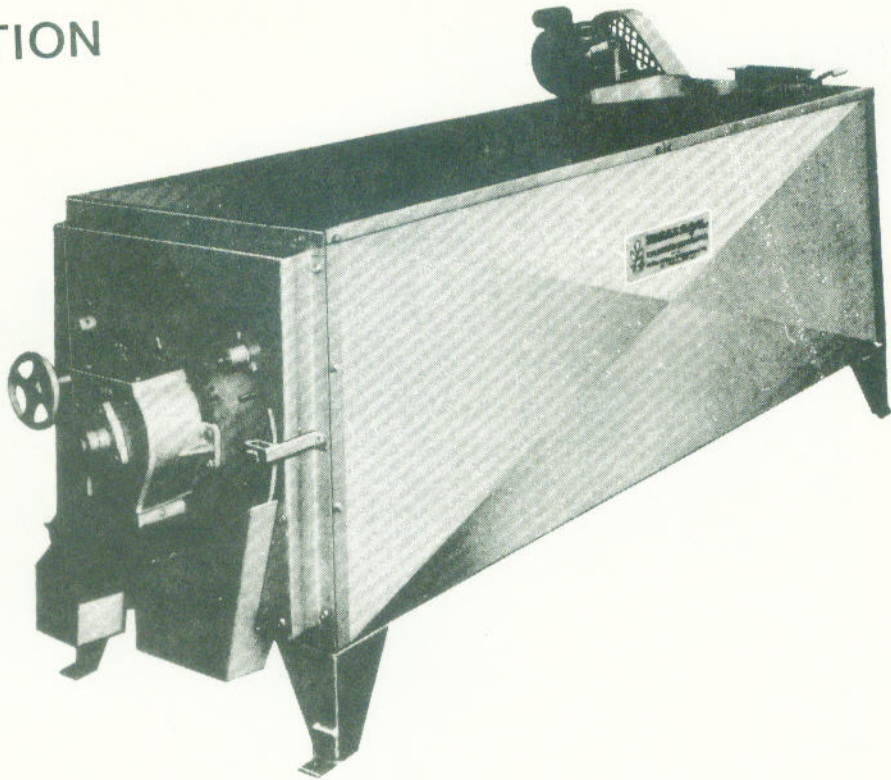


INTRODUCTION



The Model S-1 Self Flow Length Grader is a basic, one cylinder machine which is designed to clean grain and seed and make separations by length only. The exclusive tapered indent cylinder allows product to flow through the machine for continuous running. A variety of indent cylinder sizes combined with control flexibility and the capability of combining two or more S-1 machines in various height and width combinations allows the processing of many types of product and capacities.

Consult your sales literature or contact your local sales representative to help you with any cleaning, grading or separating problems. Our Seed Laboratory offers a sample testing service at no obligation or price to you. Send grain and seed samples or written inquiries to:

IDEAL GRAIN AND SEED CLEANER COMPANY
85 Second Avenue S.E., New Brighton, MN. 55112
Or call 636-7323, Area Code 612.

USE OF MANUAL

This manual has been prepared especially for use in familiarizing owners and operators with the operation and maintenance of the IDEAL SELF FLOW LENGTH GRADER, Model S-1. In some instances, the information contained in this manual has been generalized since certain specific information can be determined only by actual experience. For thorough understanding, optimum operation and proper maintenance of the IDEAL S-1, please give all the information in this manual your careful consideration.

The right hand and left hand sides of the machine are determined by viewing the machine from the discharge (front) end. As a further aid to orientation, drawings in this manual are designated by direction arrows or captions as to their position.

MECHANICAL SPECIFICATIONS

Overall Height (with motor)	42"
Overall Height (without motor)	35-1/4"
Overall Length	107"
Overall Width (with motor)	27"
Overall Width (without motor)	27"
Length on Floor (base)	92-3/4"
Width on Floor (base)	27"
Width of Inlet Hopper Opening	3-1/4"
Length of Inlet Hopper Opening	7-1/2"
Length of Complete Cylinder	87-5/8"
Power Required	3/4 H.P.
Shipping Weight	Approx. 800 lbs.

