

CRIPPEN SEED CLEANERS

Adjustable pitch screens — variable speed screens — selective screens with tandem flow.

SERIES

H

H-434A

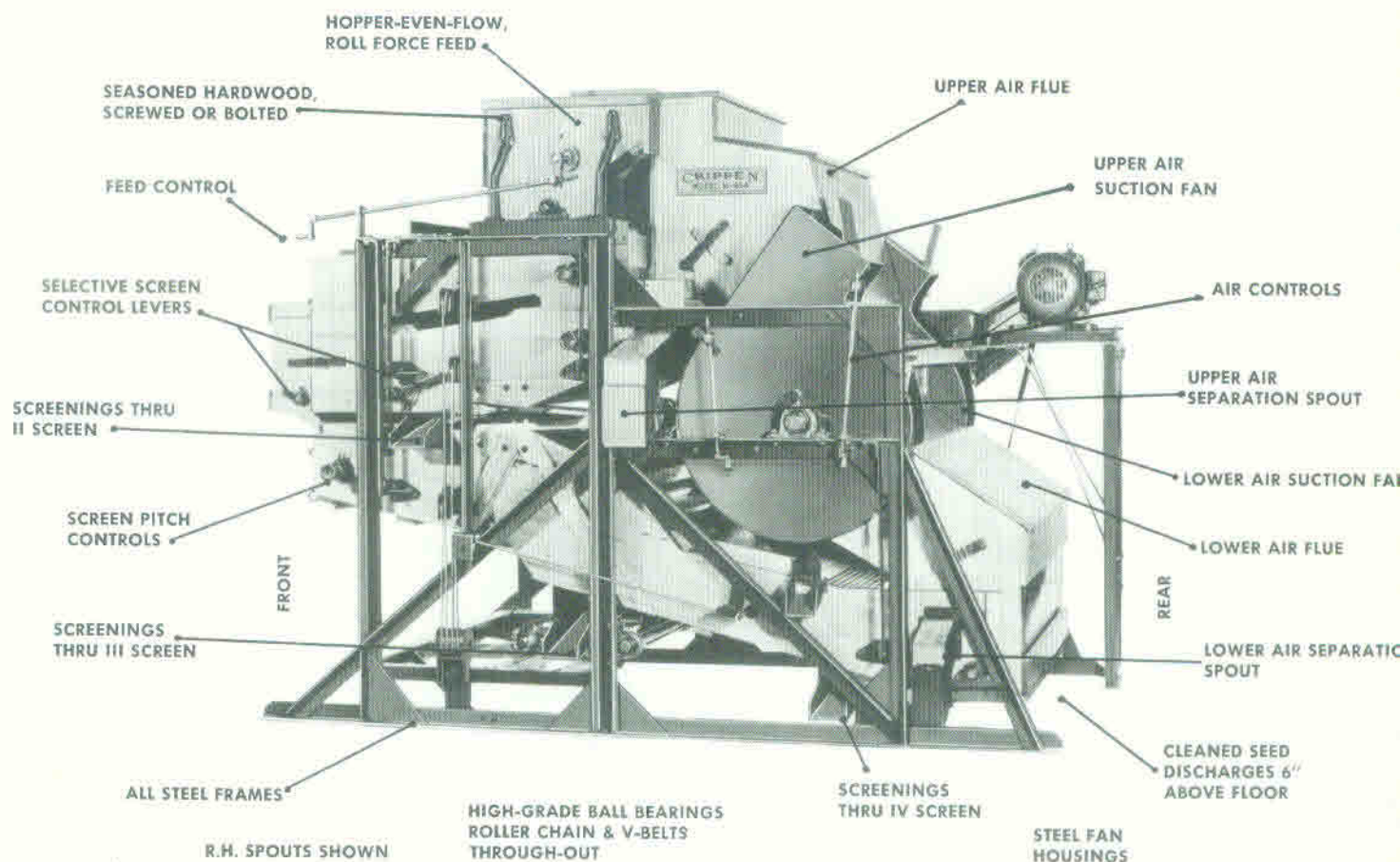
H-442

H-454

H-534A

H-542

H-554



SPECIFICATIONS

4-Screen Models in Series H Seed Cleaners		H-434A	H-442	H-454
5-Screen Models in Series H Seed Cleaners		H-534A	H-542	H-554
Screen Frame Size		34"x44"	42"x44"	54"x44"
Average capacity, bushels/hr.	Seeds	40-75	75-125	100-150
	Seed Grain	50-125	100-175	125-250
	Beans	75-150	200-350	250-450
O.A. Height (Hopper intake)		86"	86"	86"
O.A. Length		112"	112"	112"
O.A. Width (3" less with motor on del. side)		65"	73"	85"
Machine Frame Width O.A.		46½"	54½"	66½"
Main Drive Speed (Fan shaft) R.P.M.		900	1000	1100
Horsepower Required*		3	5	7½
Shipping Weight** (approximate pounds)		2550	2850	3250

*H.P. requirements can be less when slower fan speed is used on light seeds.

**Add approx. 100 lbs. for 5-screen models.



GRAIN, BEAN AND SEED CLEANERS, SEPARATORS, SCALPERS, GRADERS AND POLISHERS

CRIPPEN

MANUFACTURING COMPANY, INC.

Alma, Michigan, U.S.A.

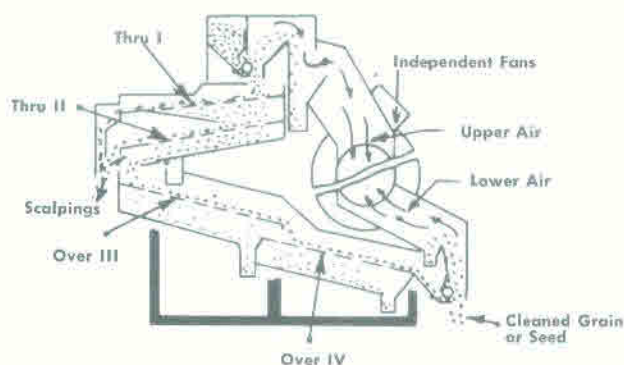
CRIPPEN SEED CLEANERS ...

meet the widest range of seed processors needs for cleaning and grading seeds with screens and air.

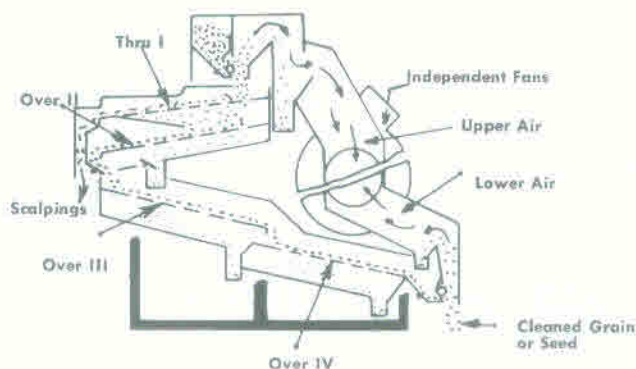
With selective screen arrangements, tandem flow of seed to consecutive screens, and accurate air separations, many requirements of cleaning and grading can be accomplished in one operation.

The flow diagrams illustrate the different screen combinations, built into the 4-screen models of the H Seed Cleaners, which provide extra scalping or extra bottom operations as may be required to process your seed.

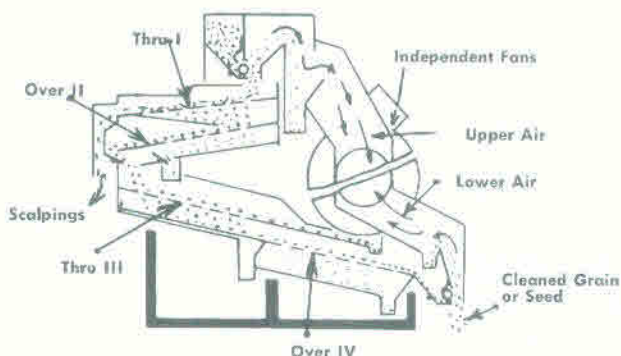
CRIPPEN MODEL H FLOW DIAGRAMS



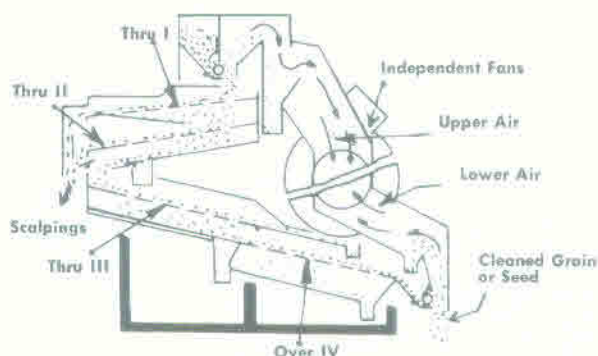
TWO TOP AND TWO BOTTOM SCREENS



ONE TOP AND THREE BOTTOM SCREENS



ONE TOP, ONE BOTTOM, ONE TOP AND ONE BOTTOM SCREEN



THREE TOP AND ONE BOTTOM SCREENS

The 5-screen models of the H-Series Seed Cleaners have all the advantages of the 4-screen models **plus another screen position** under the 3rd screen and ahead of the last screen. This provides 3 scalpings with 2 bottom screens or 2 scalpings with 3 bottom screens. The versatile screen systems of the CRIPPEN Model H Seed Cleaners assure accurate cleaning and grading at greater capacity. Apply these screen combinations to your seed processing to simplify operations and increase your production and profits.

In addition to the exclusive screen performance, **two** accurate air separations operate independently with suction fans. As the seed is fed from the hopper the first air is drawn uniformly through the seed to remove light dust, chaff, trash, etc., before screening. After the product has been brought to uniform size by the screens, seeds of the same size but of different

weight are separated by the second air operation to increase test weight and purity. Airseal and flue construction are patented CRIPPEN developments. Cleaned seed and all separations discharge above work floor level for easy inspection at the machine.

Other CRIPPEN advantages include small floor space and low HP requirements, steel frames and fans, feeding hoppers that will not become plugged nor flood the screens when seed contains large objects or trashy material, dual-brushes carried on 2 tracks, to assure clean and open screens, quick method of changing screens without disturbing the location of the brushes, self-cleaning spouts discharge all separations to one side of the machine—either to right or left. Screen tappers are available for those critical screening requirements.