

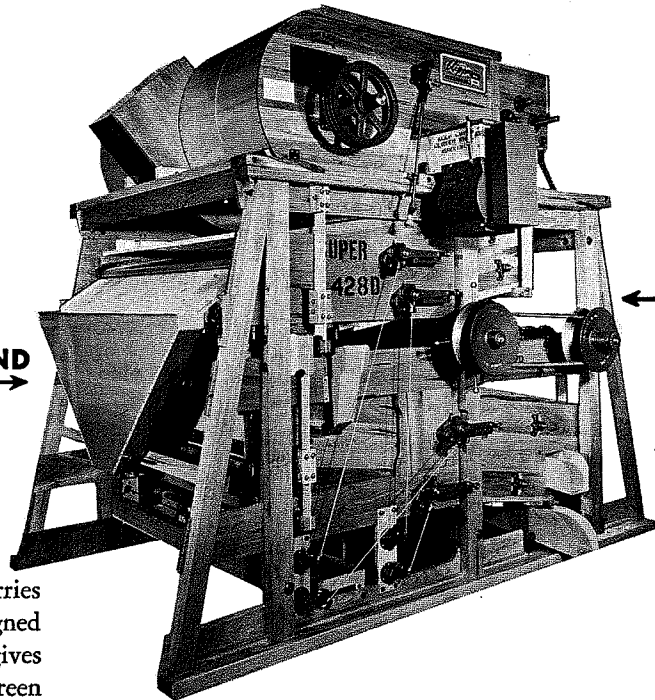
super 428-D

the *Clipper* SUPER 428-D

4-SCREEN SPLIT-FLOW MARKET CLEANER

Excellent machine when difficult separations at high capacities are required to clean flax, barley and many other commodities.

SCREEN END →



← FRONT

Variable Shoe Shake Is Standard Construction on This Model

This cleaner is exactly like the Super 228-D except it carries four screens, two screens in each of the two shoes. Designed with a stream splitter, this split-flow arrangement gives thorough bottom screening when set up with one top screen and three bottom screens.

The Super 428-D has four 54" x 60" screens mounted in separate counter balanced shoes and pitched in opposite directions. This counter balancing, as in the 228-D, eliminates excessive vibration and the screen arrangement enables the commodity to travel over the entire width and length of the screens giving more thorough separation at high capacities. Each screen is individually adjusted in pitch.

Flow of Commodity with One Top Screen — Three Bottom Screens

- The commodity passes through the Roll Feed Brush Hopper (or choice of other Clipper hoppers) to force-feed the commodity between the roll and a special tough fibre brush to prevent clogging and to maintain a steady, even flow across the full top screen width.
- The large suction fan draws air up and through the hopper air passage and through the seed to remove the lightweight trash before it reaches the top screen.
- The top 54" x 60" screen scalps off large sticks, stems, stones and other large, bulky trash. The commodity drops through this screen to the first bottom screen. The good grain is passed over and the small seeds are discharged into the side spouts.
- The stream of good seed or grain is divided into two equal parts—one half to the third screen and one half to screen number four.

- Screens three and four have the same perforations and sift small weed seed from the commodity. The cleaned product is then discharged from a spout at the front end of the cleaner directly below the hopper.

Alternate Flow — Two Top Screens — Two Split-Flow Bottom Screens

- 15 Minute Change-Over
- The top screen scalps off large trash.
- The second screen is now a *Top* screen which screens out oddly shaped foreign material.
- The third and fourth screens receive divided flow of the good product and sift out small weed seed and the cleaned product is discharged.

Specifications

Screen size (inches)	54 x 60
No. screens in cleaner	4
No. screens furnished	4
Extreme height (inches)	96¼
Extreme length (inches)	114¾
Extreme width (inches)	88
Width on floor	67
Width between sills (inches)	58
Height to where grain enters (inches)	96¼
Drive pulley speed (R.P.M.)	900
Horsepower Required	5
Shipping weight (lbs.)	3,230