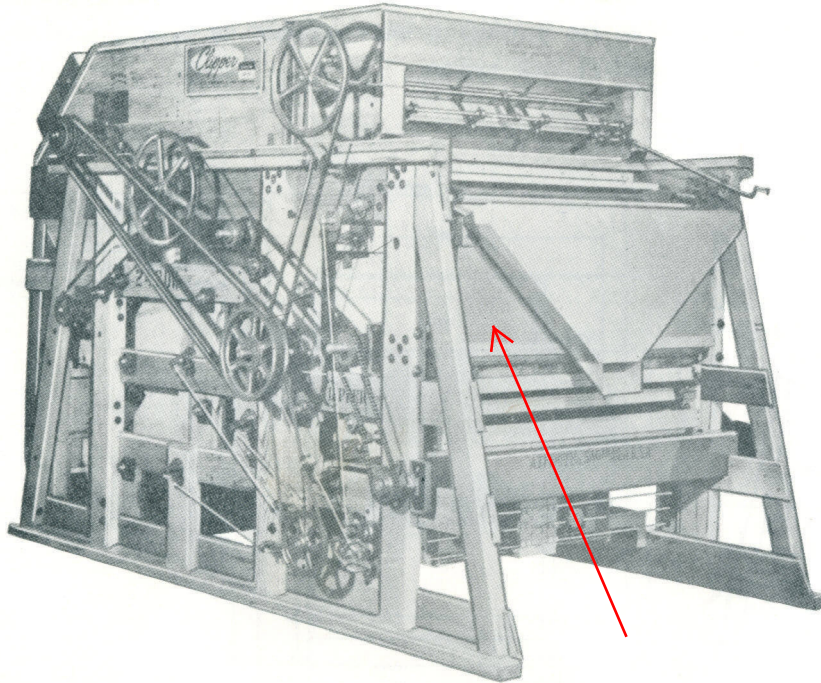


# *The Clipper* SUPER 248-DH

DOUBLE CAPACITY SEED GRAIN -SEED BEAN CLEANER IN A COMPACT FRAME



Cleans seed grain and seed beans at capacities ranging from 600 to 1200 bushels per hour. This is accomplished by mounting two sets of screens (one above the other) in a single frame and splitting the flow evenly to each shoe.

## FLOW DESCRIPTION

The commodity discharges from the feed hopper in a uniform layer across the full width of the scalper screen, passing through an air leg which removes dust, pieces of pod, hulls and other light chaffy material.

The commodity passes through the scalper screen which removes long straws and large bulky trash which might clog the splitter. The flow is then divided with one half routed to the upper shoe and the other half to the lower shoe.

Each shoe carries a two piece top screen 54" x 60" which scalps off large trash and a three piece bottom screen 54" x 86" which sifts out dirt, splits, broken or undersized kernels and other small trash. The bottom screens may combine sections with different perforations to sift out trash of varying shapers. For example: seed wheat- one section # 12 triangle with two sections  $5 \frac{1}{2}/64 \times 3/4$  makes a screen capable of sifting out both thin kernels and wild buckwheat.

The streams of good commodity which pass over the two lower screens are rejoined and subjected

to a second accurate air separation before being discharged.

### **OPTIONAL FLOW- supplied as standard equipment**

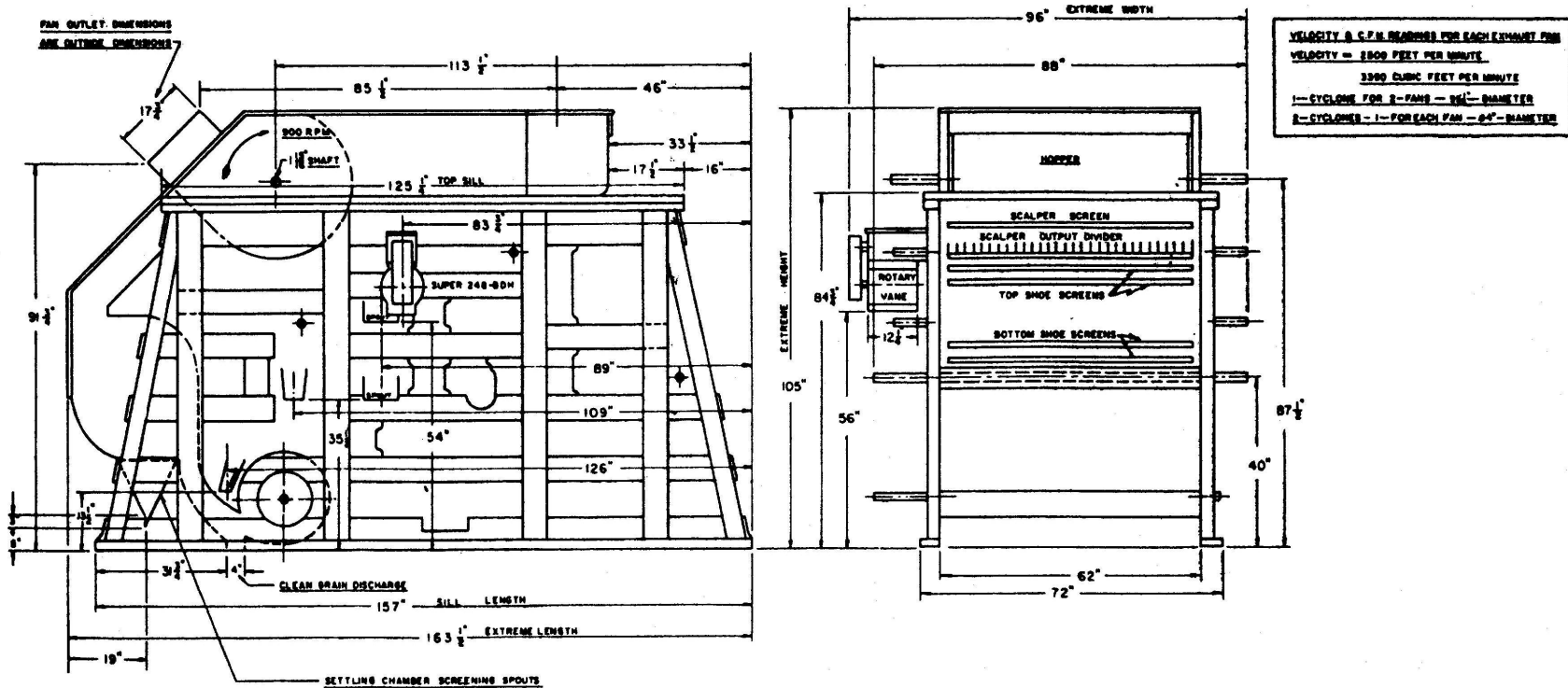
At times it may be necessary to clean alternate loads of two different commodities which require different screen sizes. The upper shoe can be dressed with screens for one commodity and the lower shoe for another, routing the entire flow to either one. This eliminates changing screens between lots. The capacity is reduced to the level which one shoe can handle.

Double capacity-both shoes-insert divider pan and open directional valve.

Single capacity-top shoe only- remove divider pan and open directional valve.

Single capacity-bottom shoe only- remove divider pan and close directional valve.

## THE CLIPPER SUPER 248-BDH



SUPER 248-BDH—equipped with bottom blast fan. When cleaning beans containing a high percentage of splits and heavily contaminated grain at maximum capacity, the bottom screens may become over loaded and unable to do a thorough job. The remaining splits and lightweight trash must be removed with the back air. A variable speed bottom blast fan provides a more accurate air separation than standard back suction.