

FEATURES

SCREEN PERFORMANCE

The Clipper Super X 5868 D models carry four 3-piece screens . . . each 54" x 86" . . . in two counter-balanced shoes.

Variable Pitch Screens are standard equipment on these cleaners, permitting exact screen pitch for proper travel of every type of commodity . . . grasses to grain and beans. The pitch of the screens determines the commodity flow speed over the screens.

Variable Shoe Shake controls the action of the commodity as it travels the length of the screens. The operator can select the speed which produces the best cleaning results.

Automatic Traveling Brushes cross back and forth under each screen, keeping screen perforations open. The nylon brushes are adjustable to compensate for bristle wear. The brush mechanism is activated by the No. 80-77 double roller chain brush drive, assuring trouble-free operation.

AIR PERFORMANCE

The most precise air separation possible is incorporated in the Clipper Super X 5868 D Cleaner . . . the bottom blast fan with two top suction fans. One top fan makes the first air separation taking out lightweight trash as seed falls from the hopper. The bottom blast fan applies smooth currents of air as the cleaned seed discharges from the cleaner to make a final, accurate air separation. The second top fan . . . synchronized with the bottom blast fan . . . carries lightweight foreign material and dust to the dust collecting system. Drive speeds for the top suction fan are selected to run at high to low speeds depending on the weight of the product being cleaned.

The Variable Air Regulator makes fast, accurate bottom blast fan adjustments to supply exactly the right amount of air for each separation.

Fan discharge angle is fixed at 45° to the rear as standard construction.

BALANCED CONSTRUCTION

The two shoes of the Clipper Super X 5868 D Cleaners are counter-balanced, designed to shake the screens, not the cleaner. Vibrations are cancelled out in the frame of the cleaner and not transmitted to the building housing the cleaner.

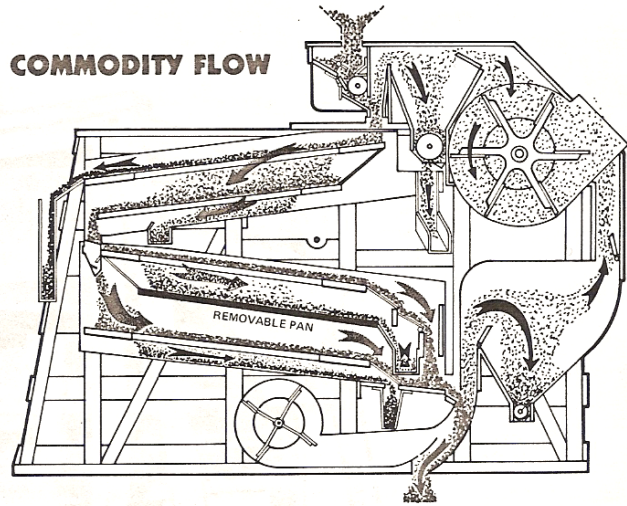
HI-STATIC FANS

Hi-static fans are standard equipment on the Clipper Super X 5868 D Cleaners. Larger motors and higher R.P.M. fan speeds are an option to enable this cleaner to be used with a dust filter system.

A dust filter system creates a static pressure up to three times greater than that generated by a standard dust collector. Top fan speeds are increased to 1350 R.P.M. to operate against the increased resistance when filtering air through a fabric filter system before it is released into the atmosphere.

Hi-static fans are ruggedly constructed of cast steel with the hub and arms in one piece. The fans will not disintegrate at the higher speeds required.

COMMODITY FLOW



V-BELT GUARDS

Modular guards are included as standard equipment to meet more stringent requirements for operator protection. They are built in sections of expanded metal . . . construction enables easy access for making adjustments to the cleaner and commodity sampling.

HOPPERS

The customer has a choice of a variety of hoppers. The Chek-Flo Metering Hopper is especially designed to handle any and all commodities, and is used with a variable hopper drive at additional cost.

Drive Shaft Speeds	Horsepower Required
600 R.P.M. — for cleaning grasses and lightweight seeds	10
1000 R.P.M. — for cleaning grains, beans and corn	15
1350 R.P.M. — used when a dust filter system is used with the cleaner	25

APPROXIMATE CAPACITIES

Bu. per Hr. — Seeds and Grass	130-165
Bu. per Hr. — Seed Grain	225-350
Bu. per Hr. — Beans and Wheat	400-675

All capacities will vary according to area and amount of foreign material in the commodity to be cleaned.



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