

CLIPPER SUPER TTR 868 D and TRR 868 D PRE-CLEANERS

*High capacity, compact receiving cleaners
 ...three screens – one top air...the essence in cleaning simplicity.*

BALANCED CONSTRUCTION

The three shoes 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 machine.

Clipper Super TTR and TRR 868 D Pre-Cleaners are designed for high capacity in limited space. Both models carry three 54" x 86" 3-piece screens. Each screen is mounted in a separate counter-balanced shoe. The extra length of the screens allows longer travel of the commodity, greater capacities and increased ability for close screening.

Screen arrangements are not interchangeable. Each model performs its own cleaning function . . . with emphasis on scalping or sifting.

SPECIFICATIONS

Model	TTR 868 D	TRR 868 D
Screen Size	54" x 86"	54" x 86"
No. Screens in Cleaner	3	3
No. Screens Furnished	3	3
Extreme Height	104"	93"
Extreme Length	134"	130"
Extreme Width	91"	91"
Length on Floor	131"	130"
Width on Floor	71"	71"
Width Between Sills	62"	62"
Height Where Grain Enters	104"	93"
Shipping Weight (lbs.)	5700 4200	5700
Drive Shaft Dia.	1-15/16"	1-15/16"

Width specifications listed above do not include dimensions for the modular V-belt guards.

Clipper TTR 868 D...

used when large amounts of over-sized foreign material must be scalped off.

Clipper TRR 868 D...

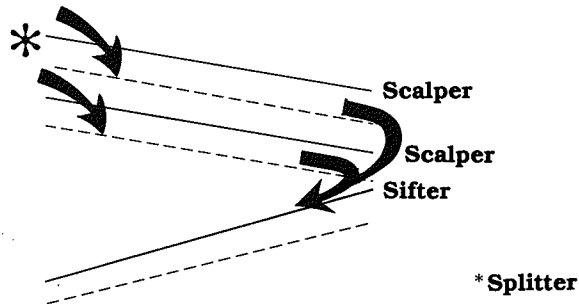
used when product contains large amounts of undersized foreign material to be sifted out.

SINGLE TOP SUCTION

As the commodity discharges from the feed hopper, it passes through an air leg connected to the top suction fan. A precisely adjustable air separation removes light-weight trash before the product reaches the screens.

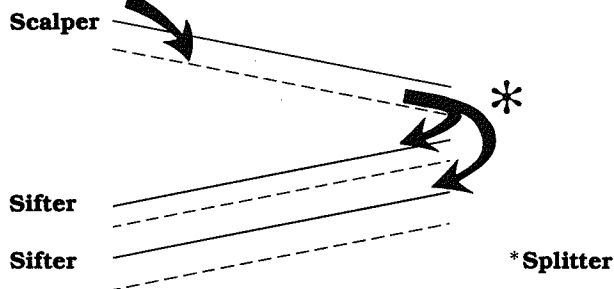
SCREEN ARRANGEMENTS

TTR 868 D — Scalper



The commodity is split-fed, half to each of the two top scalping screens. Large, bulky trash is scalped off as the good product falls through. Since each screen handles only one half the total volume, closer perforations can be used. The third screen holds up the good product while light trash, weed seeds and splits drop through.

TTR 868 D — Sifter

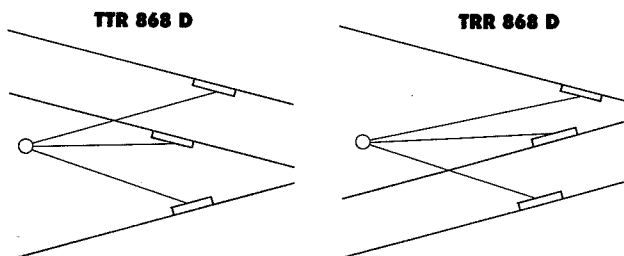


The commodity falls through the top scalping screen while large foreign material is discharged over the screen. The good product enters the splitter where the flow is evenly divided . . . half to each sifting screen. The good product travels over these screens as splits and under-sized foreign material sifts through.

Cleaner operators have good visibility and can readily see the flow of the commodity when the cleaners are in operation.

TIMING PROBLEM ELIMINATED

All three shoes are driven from one eccentric shaft. This eliminates any possibility of timing problems.



FEATURES

Modular V-Belt 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 for commodity sampling.

Hi-Static Fans are standard on both models. Larger motors and higher R.P.M. fan speeds are an option to enable these cleaners to be used with dust filter systems.

Automatic Traveling Brushes cross back and forth under each screen, keeping perforations open. These 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.

Hi-Capacity Brush Hopper consists of a revolving spiked shaft and fluted roll which force feeds the commodity between the roll and a special brush. This hopper is designed to handle trashy commodities, producing a steady flow across the full width of the top screen.

OPTIONAL FEATURE AT ADDITIONAL COST

Variable Shoe Shake controls the action of the commodity as it travels down the screens. Many cleaning jobs require more or less action. The variable shoe shake gives a wide continuous range adjustment of screen movement up to approximately 450 vibrations per minute, allowing the operator to select the speed which produces the best cleaning results.

CLIPPER SUPER TTR 868 D — TTR 868 D

Drive Shaft Speeds	Horsepower Required
1000 R.P.M.	5
1350 R.P.M. — used with a dust filter system	7½

APPROXIMATE CAPACITIES

Commodity	Bu. per Hr.
Rice	1800
Beans	2000
Corn	2500
Wheat	3000

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

