

A seven screen cleaner that utilizes seven decks. In the top shoe each screen deck uses 3-26" screen sections with a split-scalp or a scalp-scalp-scalp flow with the screens set at a 7 degree pitch. In the bottom shoe each screen deck uses 4-26" screen sections with a 4-way split-sift flow with the screens set at a 9 degree pitch. A total of 243.75 Square feet of screen area.



### STANDARD FEATURES:

- 4" square tubing frame that is 1/4" (6.35mm) thick.
- Exclusive electronic variable speed 1/2" throw on eccentric drive of cleaning shoes for smooth seed flow and maximum seed separation.
- Reverse incline back fan unit to develop up to 11,000 CFM @ 5" SP. Drive setup can easily be changed to match air and electrical requirements.
- Electronic variable speed vibratory inlet feed hopper with adjustable internal gate for uniform seed flow thru air column and onto screens.
- New style heavy duty screen cleaning ball trays so that screens can be changed without removing ball trays.
- 2 calibrated air gate controls that work in combination with back adjustable doors for precise air separation settings.
- Replaceable metal screenways and rubber screen seals for ease of future repair.
- New style shoe hangers and drive connectors for smooth counterbalanced operation.
- Air lock discharge trash augers with bottom access door for ease of cleanout.

### TECHNICAL SPECIFICATIONS:

|                        |                     |
|------------------------|---------------------|
| Extreme Height         | 138 inches / 351 cm |
| Height with Bottom Fan | 155 inches / 394 cm |
| Extreme Width          | 89 inches / 226 cm  |
| Extreme Length         | 189 inches / 480 cm |
| Width on Floor         | 72 inches / 183 cm  |
| Length on Floor        | 189 inches / 480 cm |

### OPTIONS:

- Over 150 different standard screen sizes available with additional screen sizes available upon request.
- Bottom blast fan for specialized or extreme air separation requirements.
- Grease line package to grease machine from central location.
- Various motor drive packages of 50 or 60 Hertz, Single or Three phase, TEFC or Ex-Proof
- Side mounted control panel to control electronic variable speeds from one location.
- Calibrated hopper gate control extended down to side of machine.
- Clean seed conveyors from 10 to 15 feet to convey seed away from cleaner

### ELECTRICAL REQUIREMENTS:

|                        |                     |
|------------------------|---------------------|
| Main Fan Motor         | 15 H.P, 3 Phase, AC |
| Eccentric Motor        | 5 H.P, 3 Phase, AC  |
| Vibratory Feeder Motor | 1/2 H.P, AC or DC   |

### AIR OUTPUT:

Integral Centrifugal Fan delivering up to 8,400 CFM @ 8" S.P



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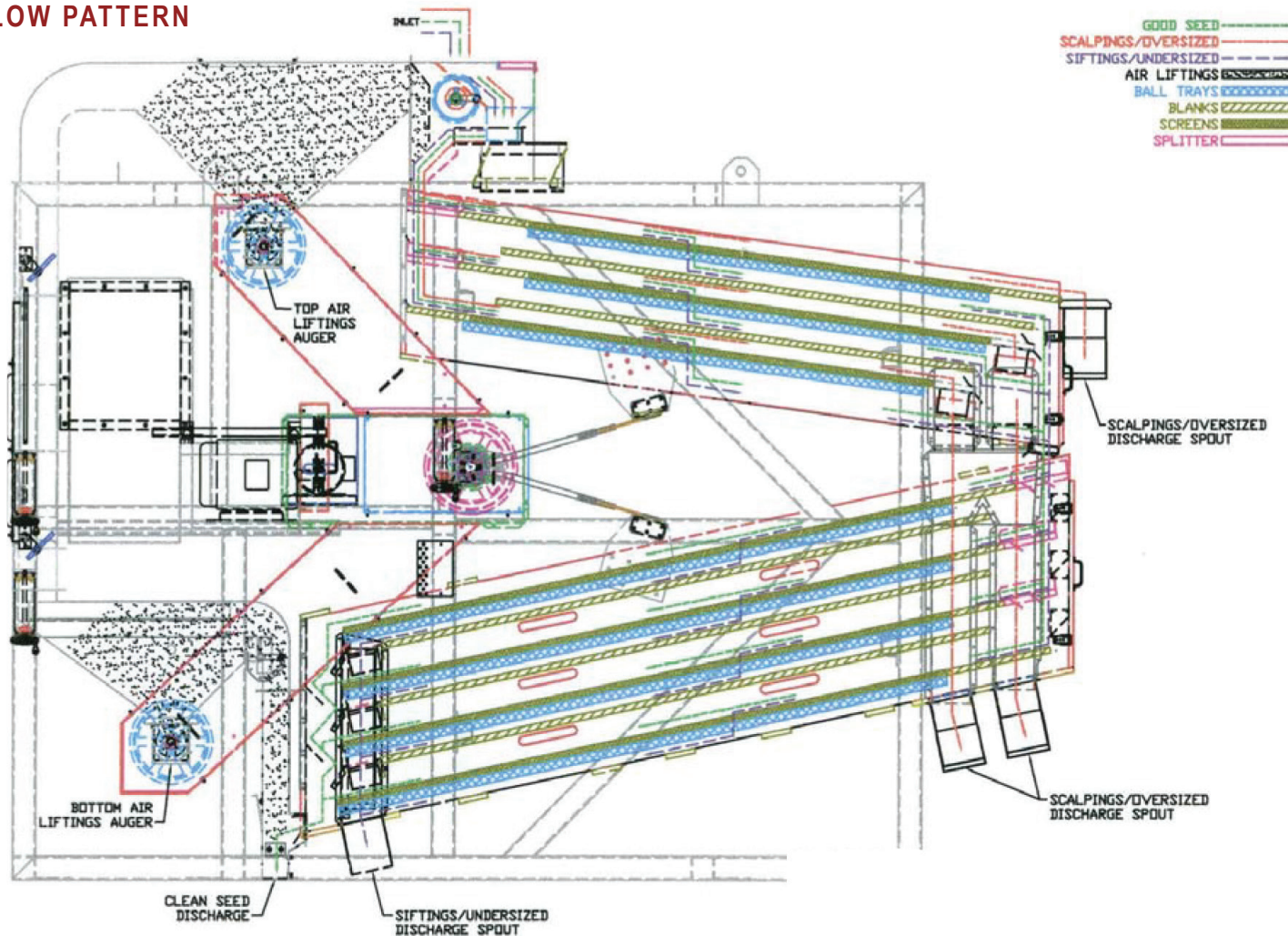


### CAPACITIES:

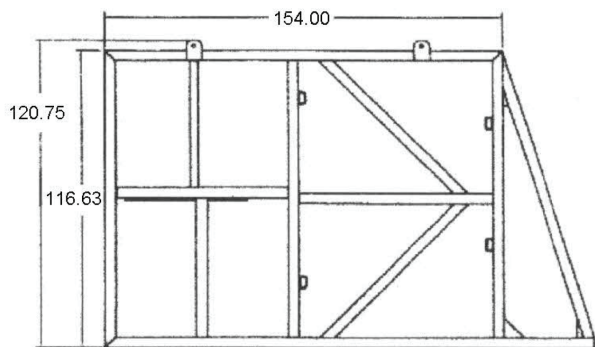
|                    |                                       |
|--------------------|---------------------------------------|
| Large Seed & Wheat | 1,000 - 1,500 Bu./Hr (27 - 40.5 MT/H) |
| Market Cleaning    | 2000 - 2500 Bu./Hr. (54 - 67.5 MT/H)  |

Note: \*Capacities may vary depending on seed condition, moisture content, seed varieties, types and volumes of contaminants to be separated and the percentage of foreign material acceptable in the final product.

### FLOW PATTERN



### SIDE VIEW



### FRONT VIEW

