

CONQUEST 1360

A four screen cleaner that utilizes a single short 34" length scalping deck and three 60" length decks with various capabilities. This Seed Cleaner offers a top shoe assembly with a scalp-scalp flow and a bottom shoe assembly with a scalp-sift flow or a 2-way split sift flow.



STANDARD FEATURES:

- 4" square tubing frame that is 1/4" (6.35mm) thick.
- Exclusive 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 6400 CFM @ 5" SP on standard 10 Hp drive and up to 7,800 CFM @ 5" SP with optional 15 Hp drive. 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 counter balanced operation.
- Air lock discharge trash augers with bottom access door for ease of cleanout.

CAPACITIES:

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|--------------------|-----------------------|
| Small Seed | 100 BPH (2.7 MT/Hr.) |
| Medium Seed | 175 BPH (4.7 MT/Hr.) |
| Large Seed & Wheat | 300 BPH (8.1 MT/Hr.) |
| Market Cleaning | 600 BPH (16.3 MT/Hr.) |

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.

OPTIONS:

- Over 150 different screen sizes available.
- Bottom blast fan integrated into standard frame with no change in machine height.
- Grease line package to grease machine from central location.
- Side mounted control panel to control electronic variable speeds from one location.
- Various motor drive packages of 50 or 60 hertz, single or three phase, TEFC or Ex-Proof
- Optional 15 Hp back fan drive for higher capacity requirements
- Calibrated hopper gate control extended down to side of machine.

ELECTRICAL REQUIREMENTS:

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|------------------------|--------------------|
| Main Fan Motor | 10 H.P. / 7.5 Kw |
| Eccentric Motor | 2 H.P. / 1.5 Kw |
| Vibratory Feeder Motor | 1/2 H.P. / .375 Kw |

AIR OUTPUT: 6,400 CFM

TECHNICAL SPECIFICATIONS:

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|-----------------|----------------------|
| Extreme Height | 99 inches / 252 cm |
| Extreme Width | 87.5 inches / 223 cm |
| Extreme Length | 136 inches / 346 cm |
| Width on Floor | 71.5 inches / 182 cm |
| Length on Floor | 134 inches / 340 cm |