

The Clipper Conquest 586

A five screen cleaner that utilizes five 86" length decks. The Conquest 586 cleaner offers a top shoe assembly with a split-scalp or a scalp-scalp or a scalp-sift flow and a bottom shoe assembly with a scalp-scalp-sift flow or a 3-way split-sift flow. Six different product flows come standard making it one of the most adaptable machines to your product on the market .



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:

Small Seed	150 BPH (2.0 MT/Hr.)
Medium Seed	250 BPH (4.5 MT/Hr.)
Large Seed & Wheat	500 BPH (13.6 MT/Hr.)
Market Cleaning	1500 BPH (40 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 accepted in the final product.

OPTIONS:

- Over 150 different standard screen sizes available with additional screen sizes available upon request.
- Bottom blast fan intergrated into standard frame with no change in machine height.
- 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.
- Optional 15 Hp back fan drive for higher capacity requirements.
- Calibrated hopper gate control extended down to side of machine.
- 24", 36" or 48" stands available to elevate cleaner if needed.
- Clean seed conveyors from 5 to 15 feet to convey seed away from cleaner.

TECHNICAL SPECIFICATIONS:

Extreme Height	114 inches / 290 cm
Extreme Width	87.5 inches / 222.2 cm
Extreme Length	161.2 inches / 409.4 cm
Width on Floor	71.5 inches / 182 cm
Length on Floor	160 inches / 406.4 cm

ELECTRICAL REQUIREMENTS:

Main Fan Motor	10 H.P./7.5 Kw
Eccentric Motor	3 H.P./2.25 Kw
Vibratory Feeder Motor	1/2 H.P./.375 Kw

AIR OUTPUT:

6,400 CFM



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