

Clipper Quality & Craftsmanship “Engineered Without Compromise”. The Ceres 686 is what happens when we take everything that we’ve learned over the last 140 years and apply it to a clean sheet design. The newest six screen cleaner that utilizes 3-54” x 26” screen sections in each deck. A total of 175.5 Square feet of screen area. The New Ceres 686-2-4 cleaner offers a top shoe assembly with a split-scalp, scalp-scalp, or scalp-sift flow. The bottom shoe assembly also has 3 different flows so there 9 total flows that come standard with the machine



STANDARD FEATURES:

- 4” square tubing frame that is 1/2” (12.70mm) thick overall on most areas.
- 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 11,000 CFM @ 5” SP with 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 counterbalanced operation.
- Air lock discharge trash augers with bottom access door for ease of cleanout.
- Multiple sizing and grading options, 9 different flows available.
- Quick and easy screen release, no tools required on most flow options.
- Safe seed edge molding, reduces seed coat damage.

OPTIONS:

- Over 150 different standard screen sizes available with additional screen sizes available upon request.
- Bottom blast fan integrated into existing frame for specialized 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 for ease of internal gate adjustment.
- 36” or 48” stands available to elevate cleaner if needed.
- Clean seed conveyors from 5 to 15 feet to convey seed away from cleaner.

ELECTRICAL REQUIREMENTS:

Main Fan Motor	15 H.P./11.3 Kw
Eccentric Motor	3 H.P./2.25 Kw
Vibratory Feeder Motor	1/2 H.P./375 Kw

AIR OUTPUT:

8,400 to 11,000 CFM



SEAN MCGIVERN
NORTH VALLEY AG & MILL

EMAIL: sean@northvalleyagme.com
WEB: www.NorthValleyAgMe.com

PH: (519) 374-9300 or (902) 393-9097



TECHNICAL SPECIFICATIONS:

Extreme Height	133 inches / 338 cm
Extreme Width	87 inches / 224 cm
Extreme Length	173 inches / 437 cm
Width on Floor	71.5 inches / 182 cm
Length on Floor	170 inches / 432 cm

CAPACITIES:

Small Seed	200-375 BPH (5.4-10.2 MT/Hr.)
Medium Seed	400-650 BPH (5.0-8.80 MT/Hr.)
Large Seed & Wheat	600-900 BPH (17.68-24.48 MT/Hr.)
Market / Pre Cleaning	1200-2000 BPH (32.65-54 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.

