

MS MicroSort™

Compact and economical
optical color sorter.

Where technology meets highest quality demand
in roasted and green coffee sorting for small processors.



Cameras:

- RGB full color high resolution CCD camera for green and roasted coffee, removal of color defects, insect bite, “broca” and foreign matter from green coffee and removal of quaker beans from roasted coffee. Dual sided viewing of product, front & back.
- 16,000-pixel CCD sensor
- Resolution 0.07 mm

Illumination System:

- High Intensity broad spectrum LED lights, improves color contrast and defect recognition
- Long life LED lighting lowers running costs and eliminates the need for yearly replacement.



Electronic Background:

- Proprietary LED electronic background with 16 million color combinations.
- Automatically adjusts to the incoming product/defects to be removed

Ejectors:

- 32 high speed pneumatic ejectors .
- 5 billion cycle estimated life span for uninterrupted performance and minimum down time.
- 5mm ejector pitch minimizes percentage of good product in reject stream which reduces loss of sellable product.

User Interface:

- Intellisort™ artificial intelligence (AI) automatic calibration & RGB color defect recognition - simple & intuitive: user guided artificial intelligence interface which automatically adjusts to the sorting requirements.
- Additional user selected sorting modes: Chromatism – simultaneous color combination adjustments: red & blue, green & red, blue & green.

Conveyance Chute:

- 1 grooved tray 160 mm wide



Always **A STEP AHEAD!**



Technical Specifications:

- Electric: 120/240 VAC 50/60hz
- Air: 12CFM @ 100 PSI (0.3 M3/min @7 Bar)
- Consumption: 0 .5 kw

Operating Temperature:

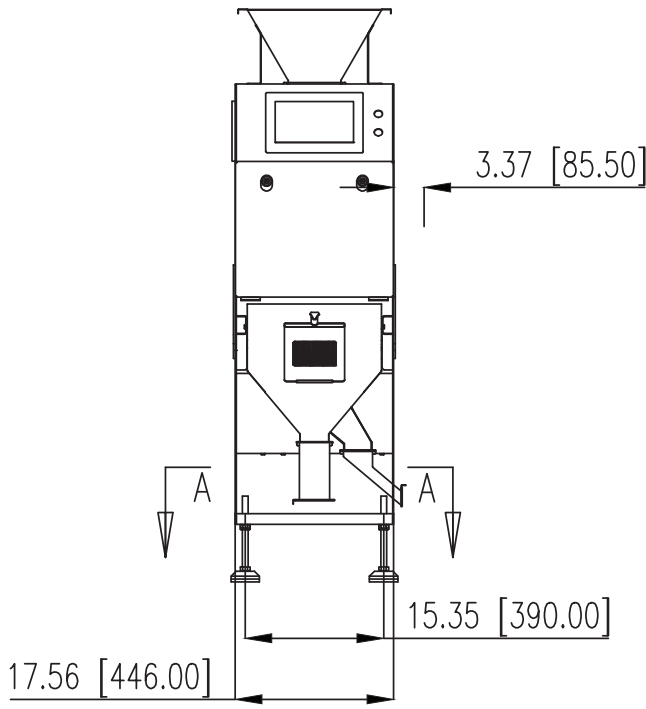
- 32° - 104° F / 0° - 40° C

Net Weight:

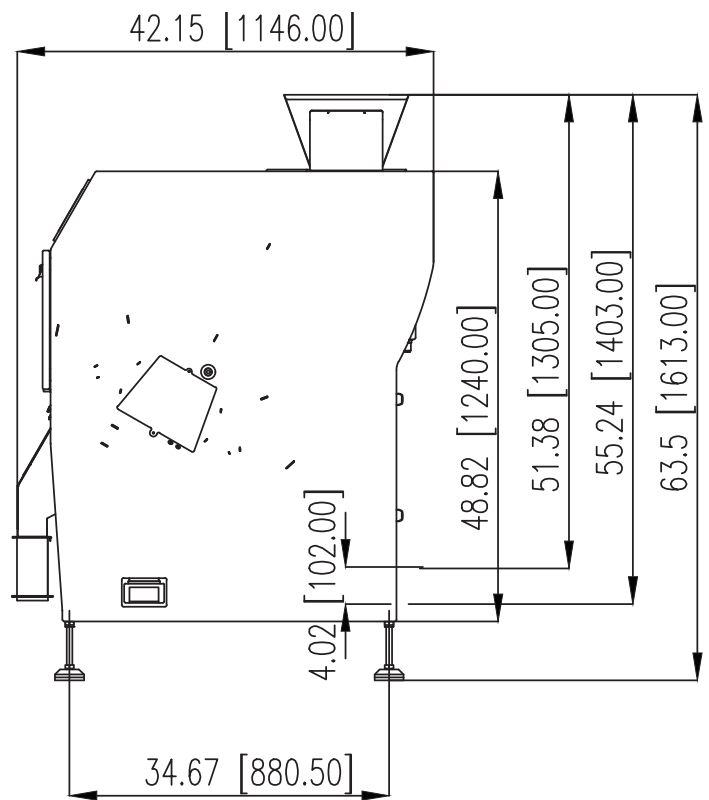
- 168 kg – 370 lbs

Dimensions:

- Width: 446mm / 17.5in
- Depth: 1146mm / 42.15in
- Height: 1613mm / 63.5in



Front View



Side View

Designed for specialty coffee, micro-lots and micro farmers.

