

# Ball Coleman Seed Counter Specifications

## Standard Seed Counter (SC-GEN2)

### A Feeder Assembly (SC-FA1)

**Height:** 19.75 in./50 cm

**FMC Vibratory Feeder with controller:** 110 or 230 volt

**Custom Trough width:** 3 in./7.6 cm

**Hopper capacity:** 1,500 grams

- Electronics enclosure
- Vibration isolation

### B Seed Counting Detection Head (SC-1000)

- Steel enclosure with input extension tube and internal hardware
- Camera, lens, mirrors, specialty optics, cable GigE card
- LED light
- Power supply
- Digital I/O communication
- Foot switch
- Computer with 22-in./56-cm hi-def touchscreen monitor
- Network ready (1Gb Ethernet)
- Custom software and VDM runtime license
- Funnel-shaped receptacle attached to Detection Head seed exit

### C Top Mounting Frame (SC-TF1)

**Height:** 26 in./66 cm with adjustable feet attached

**Extruded aluminum frame:** 1.5 in./3.8 cm thick

Monitor arm attaches to frame and allows 180° side movement

## Available Options

### D Output Diverter (SC-ODA1)

Provides a high speed A/B switch on the output seed stream for increased packing accuracy and speeds. Attaches to Detection Head seed exit.

**Assembly height:** 11 in./28 cm

**Adjustable length filling tubes attached to parts A and B:**

1.125 in./2.858 cm OD

**Distance between outputs:** 3 in./7.6 cm OC

Includes all drive electronics and drive motor

### E Floor Mount Frame (SC-BF1)

Allows operation of the system with Output Diverter.

**Height:** 30 in./76 cm

**Extruded aluminum frame:** 1.5 in./3.8 cm thick

**Adjustable front-mounted shelf:** 14.25 in./36.2 deep

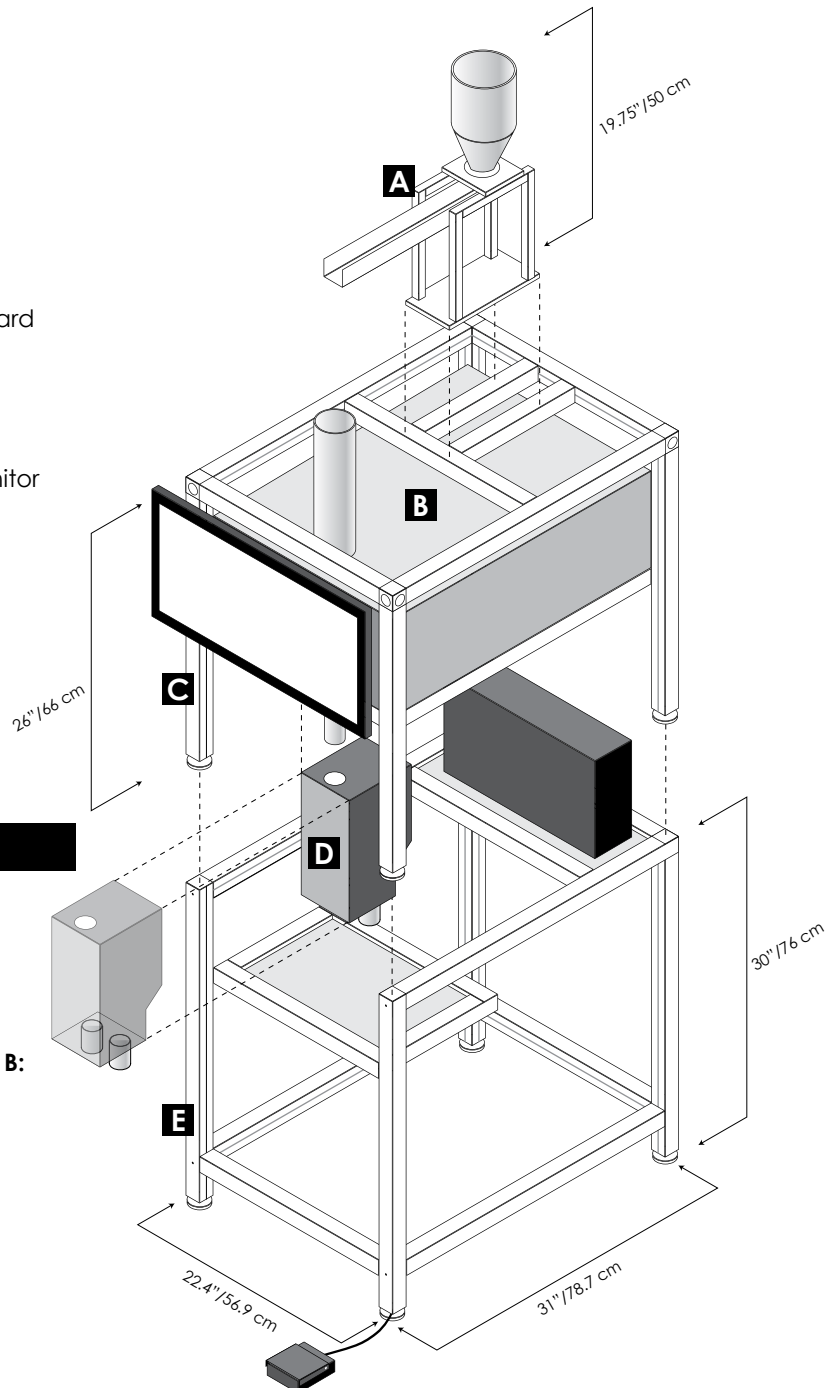
**Back-mounted shelf to hold PC:** 17 in./43 cm deep

**Overall height seed counter only:** 45.75"/116.2 cm

**Overall height with floor mount frame:** 75.75"/192.4 cm

**Width:** 22.4"/56.9 cm

**Depth:** 31"/78.7 cm



seed technology that counts

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