

Flite Roller Table

The Flite Roller Table features a bed of sizing rollers configured to remove small product, dirt and debris, and vines; perform coarse-diameter grading; and spread product as it conveys. Efficiency is exceptional: field proven at 95 percent or better, with minimal loss of good product.

The sizing rollers, each made up of a steel shaft covered by rubber Flite Rollers, rotate in the direction of product flow. Waste and undersized product discharge under the machine, while good product discharges from the end of the machine. The Flite Roller Table is used extensively to separate small or broken tomatoes, grade peppers, and enhance plant receiving with first-pass cleaning and grading of root crops such as potatoes, carrots, and beets.

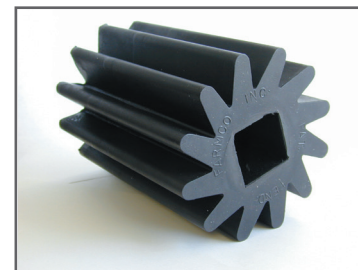
The Flite Roller Table gives food processors another option to use in place of or in conjunction with Key vibratory conveying equipment, enhancing your choices for the most efficient plant layout and processing methods.

Typical Applications

- Small and broken tomato elimination (Small Fruit Eliminator [sfe] model)
- Cauliflower and broccoli floret grading (Floret Grader model)
- Whole Chili and Jalapeño Pepper grading
- Plant receiving

Benefits

- Increased Productivity
 - Eliminate defective product early in the process
 - Divert like-size product to specific finishing machines
 - Remove debris and vines that interfere with machinery operation
 - Up to 95% efficiency or better
- Easy Operation
 - On-the-fly adjustment for rapid fine-tuning
 - Simple design for easy installation and maintenance
- Gentle Product Handling
 - Rubber rollers absorb shock, virtually eliminating product damage



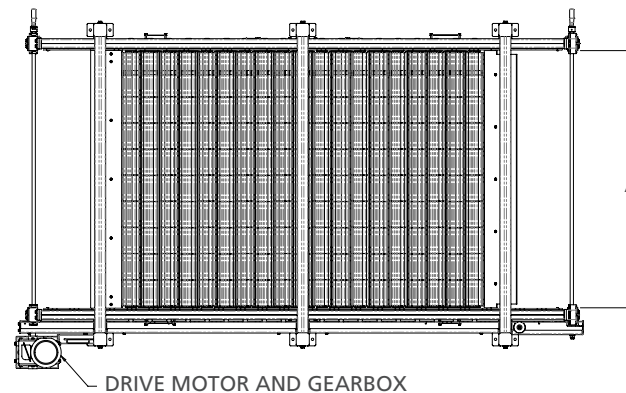
Flite Roller

Specifications & Information

- Capacity: Varies with product and requirements
 - Tomatoes: 80,000 to 120,000 lb/hr (36,000 to 54,500 kg/hr)
 - Broccoli and Cauliflower Florets: 12,000 to 20,000 lb/hr (5,450 to 9,050 kg/hr)
 - Chili and Jalapeño Peppers: 20,000 to 30,000 lb/hr (9,050 to 13,600 kg/hr)
 - Other products: 40,000 to 100,000 lb/hr (18,150 to 45,350 kg/hr)
- Style: Open frame with legs
- Construction: Stainless steel frame and shafts, polymer housed bearings, and fasteners with mild steel chain and sprockets
 - Optional food-grade flite rolls
- Motor/Gearbox
 - Standard 230/460V, 60 Hz, 3 phase, "C" faced with right-angle gearbox
 - Horsepower rating varies with machine and application 1 to 2 hp (0.75 to 1.5 kW)
 - Other motor specifications available

Dimensions

| Model | Grading Sections | Typical Roll Gap Range | Grading Width "A" | | Overall Length "B" | | Footprint Length "C" | | Overall Width "D" | | Footprint Width "E" | |
|------------------------|------------------|----------------------------------|-------------------|------|--------------------|------|----------------------|------|-------------------|------|---------------------|------|
| | | | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm |
| FLT-3x5 | 1 | 1/2" to 2-3/8" (12 to 60mm) | 35 | 889 | 71-1/2 | 1816 | 33 | 838 | 58-1/2 | 1486 | 47 | 1194 |
| FLT-4x5 | | | 47 | 1194 | 71-1/2 | 1816 | 33 | 838 | 70-1/2 | 1790 | 59 | 1499 |
| FLT-5x5 FLT-5x5sfe | | | 59 | 1499 | 71-1/2 | 1816 | 33 | 838 | 82-1/2 | 2095 | 71 | 1803 |
| FLT-5x8sfe | 2 | 1/2" to 1-7/8" (12 to 47.5mm) | 59 | 1499 | 106 | 2692 | 69 | 1753 | 82-1/2 | 2095 | 71 | 1803 |
| FLT-3x10 | | | 35 | 889 | 130-3/8 | 3311 | 46-1/2 | 1181 | 58-1/2 | 1486 | 47 | 1194 |
| FLT-4x10 | | | 47 | 1194 | 130-3/8 | 3311 | 46-1/2 | 1181 | 70-1/2 | 1790 | 59 | 1499 |
| FLT-5x10 | 3 | 1/4" to 3-1/4" (6 to 82.5mm) | 59 | 1499 | 130-3/8 | 3311 | 46-1/2 | 1181 | 82-1/2 | 2095 | 71 | 1803 |
| FLT-4x10 Floret Grader | | | 47 | 1194 | 130-3/8 | 3311 | 46-1/2 | 1181 | 71-1/2 | 1815 | 61-1/2 | 1562 |



Common Dimensions

| | | |
|----------------------|---------|---------|
| Overall Height "F" | 25-3/8" | 644.1mm |
| Discharge Height "G" | 2-1/2" | 63.2mm |
| Infeed Height "H" | 13-3/8" | 338.7mm |

