

The RAD420 Series has something for everybody. No matter where you are on your growth track or what your primary focus is there is a RAD420 to meet your needs.

The RAD420 Series is best suited for high volume applications of smalls or applications focused on larger retail weights 3.5g and higher. It is also a great choice for operators new to automation or those focused on speed over tight tolerances. Reduce labor by thousands of hours using Actionpac's RAD420 automatic cannabis weigh filling machine.



### KEY FEATURES

- All 304 SS Contact Surfaces
- All 304 SS Framework & Stand
- Scale Reject to ensure correct combinations and for easy clean out / changeover
- IP65
- CE Approved; UL Listed electrical components
- Virtually unlimited recipes and easy recipe generation
- Supervisor codes protect program integrity

### DATA & INFORMATION MANAGEMENT

- Data Management Software records and retains vital data
- GMP compliant multi-level system access
- Custom reports with export options
- Modular design for future upgrades/expansion

### FINAL WEIGHT INSPECTION

- Final weight inspection validates everything is within tolerance
- High Resolution (1 mg) Mettler Toledo™ weigh modules
- 304 SS Contact Surfaces,
- LEXAN shielding prevents system disturbance from ambient air during operation to stay within tolerance and maintain your margins

### RUNS GUMMIES & EDIBLES TOO!



MADE IN THE USA 



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# RAD420™

## Specifications

ActionPac builds the world's most efficient automated packaging equipment. A second generation, family-owned company, we've got 40 years of designing, building and servicing automated packaging machinery under our belts.

There are several configurations available that will solve your need to fill cannabis into any style container. With the easy-to-use HMI you can configure an unlimited amount of recipes from our factory standards and interface with virtually any other piece of equipment.

### STANDARD FEATURES

- **No underweights allowed**
- **Conical hopper** with product detection system (load cell) & USDA/FDA compliant flexible input curtain to make elevator integration seamless and avoid running out of product and product overflow.
- Adjustable **vibrating upper distribution cone** to evenly distribute product carefully and gently onto feeders.
- **Radial feeders** with precision speed adjustment to deliver product into top holding buckets. Adjustable Auto-Feed feature can be enabled depending on product type and peripheral equipment conditions to dynamically change feeder speeds to maintain consistent flow and not require the operator to get involved.
- Quick disconnect **holding buckets & weight buckets** with a seamless stainless-steel finish. The buckets simply lift off and are set back in place which drastically reduces cleaning time. Each bucket opens and closes via programmable high torque, precision servo motors that control exactly how fast and how much the bucket should open. There is built in sensor feedback that ensures smooth operation and eliminates operator error.
- Single modular **output funnel** with quick disconnect brackets for ease of cleaning.
- All contact surfaces have been designed with cleaning and sanitation as a top priority. There are no cracks and corners, everything is continuous and quick disconnect.
- System includes auto zero, auto clean and auto empty feature to make start up, changeover, and end of day procedures a breeze.
- Equipped with eye hooks to make lifting and installing easy.
- Standard operator interface is a compact, easy to use, 10.1" full color touch screen. Default language is English. More languages available upon request.
- Individual program recipes and global settings with the ability to easily make new or copy existing recipes.
- Ability to stagger weigh buckets when discharging to avoid product clogging
- Machine comes with multi-conductor cable(s) with sets of dry contacts that are labeled for easy integration to peripheral equipment.
- Supervisor lockout codes to protect program setup and system setup from accidental operator alternation. Lock Out – Tag Out Ready
- Intuitive user manual, program data sheets, and spare parts list to be provided digitally
- One year parts warranty (excludes load cells and sensors damaged by end user)
- Data collection built in to track every weight discharged. Export records via USB.

### WEIGHT RANGE

3.5 g - 28 g +

### RESOLUTION

1/100 g (0.01 g)

### ACCURACY

+/- 1% - 5%

(Dependent on product size and blend)

### SPEEDS

40-60 fills per min

### UTILITIES

115 VAC @ 20A

2 CFM @ 60 psi

### ENVIRONMENT

Temp: 40-80°F

Humidity: ≤ 40%

### INTERFACE

RAD420 RUN App

### CONTROLS

Industrial Grade

Weinview TouchScreen

Allen Bradley PLC & MCU

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Innovative Automated Packaging Solutions