



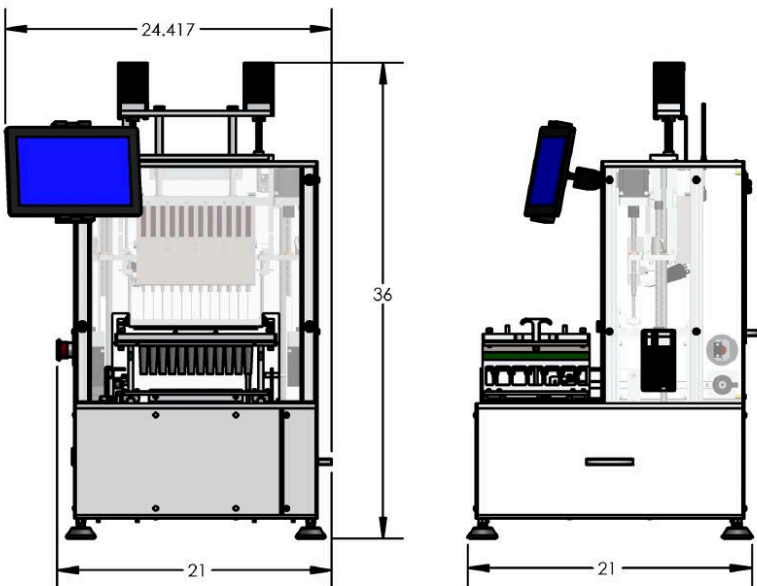
Astro Infuser

"Revolutionizing Pre-Roll Infusion with Speed, Precision and Efficiency."



Overview

Infuse 72 Pre-Rolls in 90 Seconds with the Astro Infuser. This revolutionary machine delivers speed, precision, and consistency for high-volume infused pre-roll production.

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| <p>Price</p> | <p>\$99,000</p> |
| <p>Key Information</p> | <p>Target Market: Small to large volume producers. Fills: 84mm, 98mm, 109mm, Dog Walker, Other. Throughput: Up to 2880 joints an hour, 72 in 90 seconds. Reservoir: Holds 1000ml (1 liter). Pump System: Positive displacement pump system. Heating Controls: PID 4-way dual-zone heating from reservoir and manifold to tip of needles +/- 1°. Needle: Removable 18 gauge single piece. Extras: No Nitrogen required. Weight: Approx. 125lb. Power: Standard 110, Self-Contained Unit, 60 Cycle Warranty: 1-Year Parts and Labor.</p>  <p>The image contains two technical drawings of the infusion machine. The left drawing is a front view showing a width of 24.417 units and a base width of 21 units. The right drawing is a side view showing a height of 36 units and a base width of 21 units. Both views show a machine with a control panel on the left and a main processing unit on the right.</p> |
| <p>Key Features</p> | <ul style="list-style-type: none"> ● High-Speed Infusion: Infuses up to 72 pre-rolls in a single cycle (up to 2880/hr), significantly increasing production output. ● Precision Control: Accurate dosing and dual temperature controls ensure consistent, evenly infused pre-rolls. ● Versatility: Compatible with various liquid concentrates (THC, CBD, custom blends) for diverse product offerings. ● User-Friendly: Touch-screen interface and recipe management simplify the infusion process. ● Easy Maintenance: Designed for ease of cleaning and upkeep. ● Workflow Integration: Designed to fit seamlessly into STM Canna's patented one-tray workflow system, streamlining your entire production process. |
| | <p>Frequently Asked Questions</p> |

What separates it from the competition?

Purpose-Built for Pre-Roll Infusion: Many infusion machines are adapted from other applications (like cartridge filling) and use nitrogen. The Astro Infuser is a single self-contained unit designed from the ground up specifically for pre-roll infusion, leading to better process optimization and results.

How quickly can the Astro Infuser process a tray of pre-rolls?

90 seconds cycle time per 72- count tray, depending on volume dispensed per joint. For example, .1mL/84mm joint is 88s/tray and .4mL/109mm joint is 90s/tray and up to 2880 per hour.

What pre-roll machines does it work with?

The Astro Infuser works with any RocketBox series machine or most other pre-roll machines such as the KnockBox or fully automated. The Astro Infuser use proprietary trays which can accept any pre-roll provided it meets the required size and other specifications.

What types of oils/concentrates can it handle (THC, CBD, terpenes, etc.)?

Due to the temperature range and versatility of the machine, most oils/concentrates are supported for use.

What's the maximum number of pre-rolls the Astro Infuser can handle in a single batch?

@.1mL/Joint = 133 Trays (9,576 Joints) per reservoir. @.5mL/Joint = 26 Trays (1,872 Joints). Up to 2880 joints per hour.

Can the infusion depth be adjusted (how far into the pre-roll the oil goes)?

Yes, the starting point and ending point of fill is controlled by end user.

Are there built-in safeguards against over-infusion or uneven distribution?

As part of the STM workflow, the verification process is to use the weigh machine to validate final weights, based on customer densities.

Does it have safety features to prevent overheating or oil leakage?

The regulation of heat is controlled by a dual PID loop, enabled with alarm reporting, to ensure accuracy, reliability and safety with concern for overheating.

Does it have temperature control for different concentrate types?

The machine currently has a temperature control operating from

room temp up to 180 degrees F which can be increased if necessary.

Can you create custom infusion profiles for different concentrate and pre-roll combinations?

Yes, each setting, dispense rate and start-end points, can be saved for future use in a custom profiles catalog within the machines program.

How does the concentrate load into the Astro Infuser?

The Astro Infuser uses a positive displacement pump to create a positive pressure, efficiently pushing the oil from the jar to the reservoir. This method is well-suited for viscous liquids.

How many operators/joints per day can the Astro Infuser produce?

The Astro Infuser is designed for easy loading and unloading by a single person. For maximum production using the Astro Infuser Pre-Roll System, STM recommends a team of 2-4 people. A trained team can potentially process up to 2880 joints an hour.

What is the cleaning and maintenance process like? How often is intensive cleaning required?

The machine must be run through an automated rinse cycle at the end of every use (daily). Deep cleaning required only as necessary, typically on a weekly basis to keep machine functioning at optimal performance.

What is the ROI on this machine?

Traditional joint infusion is a slow, labor-intensive bottleneck. The Astro infuser offers a rapid return on investment – potentially days for larger producers, and weeks to a few months for smaller ones.

[ROI Calculator \(bottom of page\):](#)

* Results will differ depending on the material, strain, equipment, personnel, facility, controls and the specific processes employed. STM is dedicated to helping you attain optimal results through our equipment and processes.