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System Descriptions

The Hefestus AuraX is a high-speed pre-roll machine designed for easy handling of infused pre-rolls and blunts. It has very high precision, low waste, and provides total control over every produced pre-roll.

The AuraX system operates with an intuitive Graphical User Interface (GUI) displayed on a touchscreen display and includes the following key features:

- Delivers uniform pre-rolls for a premium experience.
- Supports both open and closed blunts in various shapes and sizes.
- Real-time monitoring and data support.
- Produces up to 36 pre-rolls per minute for efficiency.
- Cuts a single paper size to create varied joint lengths, saving materials.

AuraX

System Requirements

Electricity

- Input power: 120 V (with robot two outlets)
- Frequency: 60 Hz
- Phase: 1 Phase
- Amperage: 20 A

Pneumatics

- Supply pressure: 8–10 bar
  Nom. working pressure: 7 bar
- Min. working pressure: 6 bar
- Air consumption: 10–14 cfm (283–396 L/min), with the AuraX.

Notes:

- **The air must be dry.**
- **The AuraX requires an air tank reservoir of 250–300 liters.**

Weight

- 280 kg (617 lbs.)

Dimensions

- Height: 172 cm (68 inches)
- Width: 118 cm (46.5 inches)
- Depth: 125 cm (49 inches)

Environment and Installation

- Indoor use only
- Operating: 0 °C to 35 °C
- Humidity: < 70% (relative, non-condensing)

System Specifications

Filling Rate	**Up to 2,000 joints per hour**
Volume (per auger)	**Dual 5L Augers (10L Total)**
Changeover	**Less than 5 minutes (without tools)**
Monitor	**Colored touch screen panel**

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Core System Functions

Smart Cut
The Smart Cut system allows operators to produce multiple joint sizes from a single paper format. It automatically adjusts cone volume and fill parameters, enabling a full range of SKUs without changing materials. This flexibility simplifies planning and maintains consistent output across every product line.

Versatile Filling
The AuraX is built to handle any material — from fine grinds and larger particles to bubble hash and sticky flower. Each batch runs smoothly through the system, delivering steady fills and reliable results with every cycle.

Tamping
A precision vibration table compresses each cone evenly, producing a firm, uniform pack that supports smooth airflow and dependable burnability. The result is a consistently structured pre-roll across every run.

Closed Fold Tip
Patented pneumatic pistons form the signature Dutch Crown fold that defines premium pre-rolls. This closed-tip finish

Connectivity
Built-in Wi-Fi provides remote access for system support, diagnostics, and troubleshooting. Operators stay connected and keep production running efficiently with minimal downtime or interruption.

AuraX Infusion Upgrade Key Features

Precision Airflow
The system uses a fine needle to create a micro-channel through the core of each pre-roll, ensuring smooth, consistent airflow from start to finish. This controlled channel keeps every draw clean and effortless, supports an even burn from the first light to the final pull, and preserves flavor integrity throughout the entire session.

Performance at Full Speed
Fully integrated into existing AuraX controls, the module operates at full production speed without impacting throughput or uptime. The airflow channel is formed after packing to maintain structural integrity and works seamlessly across cones, straights, blunts, and infused products.

Operator Advantages
Running within the standard AuraX software, the module maintains full output and uptime while eliminating common issues like clogging or uneven burns — especially in infused SKUs. The result is a smoother, more reliable smoking experience and improved brand consistency at scale.

Available Options (add-ons)

Weight Checker
The Weight Checker precisely weighs and validates each pre-roll for weight compliance.

Auto Tube
The Auto Tube automates the tubing process, reduces manual labor, and streamlines pre-roll production. It can be connected directly or with the Weight Checker option, via a conveyor.

AuraX Infusion Needle Upgrade
The AuraX Infusion Needle Upgrade forms a precise micro-channel through the center of each pre-roll after packing. This controlled channel keeps airflow open ensuring a smooth, consistent draw and an even burn from start to finish. By maintaining clean airflow and stable structure, the system enhances flavor integrity and the overall smoking experience.

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