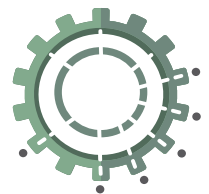



*Simplistic Sophistication*

# The Aura Pre Rolling By Hefestus Machines Family



**Hefestus**  
Automated Excellence

# The **Aura** Pre Rolling By Hefestus Machines Family



The Aura Machines Family delivers off-the-shelf solutions for industrial pre-roll production, meeting diverse market demands by accommodating varying cone and cigarette sizes and lengths, as well as blunt filling. Furthermore, it achieves precision at high capacities, seamlessly handling both infused and non-infused strains.

Leveraging the power of our patented technologies, the All New SmartCut VFiq - Volumetric Filling System revolutionizes the industry by custom-cutting paper to accurate volume before filling. Additionally, the refined FoldFinish Dutch crown 3.0 stands unmatched as the sole automated solution for flawlessly folding prerolls. Our pneumatic SmartGrip cone feeding system guarantees unparalleled uptime. Together, these and more innovations are the culmination of extensive field experience and dedicated R&D, setting new standards in pre-roll production.

The suite of machines we offer goes beyond just pre-roll production. In addition to core production capabilities, we expand your operational prowess with the Autotube Automatic Tube Packaging and Labelling system, the versatile Combo machine equipped with an Infusion Injection Station, and the custom-designed Robotic Pick&Place, courtesy of Hefestus' Robotic division. Together, these tools and innovations not only cater to your immediate needs but also position you optimally for scalable expansion, ensuring you have a turnkey solution ready as your business evolves and grows.







**Simplistic  
Sophistication**

**Verified  
solution**

**Market  
leader**

**Artisan  
crafted Quality**

**Ultimate  
smokability**

**Industry level  
durability**

**Patented  
technology**

**Unmatched  
versatility**



## Introduction

Step into the future of pre-roll manufacturing with the Aura-X, the latest cutting-edge model built upon the foundation of the market-leading Aura 2000 pre-roll automation system, originally launched in 2013. Developed by Hefestus, the Aura-X represents the culmination of over a decade of dedicated research and development, showcasing its impressive and proven success in the highly competitive North American market. Designed to minimize downtime, optimize ROI, and boost production, the Aura-X stands as a powerful tool for sustainable success in today's cannabis industry landscape.

## Application

The Aura-X is the ideal choice for medium to large operators in the cannabis industry, who manufacture pre-rolls and seek to streamline their processes through automation. It also presents an excellent turn-key solution for newcomers looking to enter the preroll manufacturing space efficiently. With its impressive output of 36 pre-rolls per minute, extremely small footprint and basic power requirement the Aura-X becomes a crucial factor in meeting the growing market demands efficiently. By automating the production process, the Aura-X reduces the dependency on manual labor, replacing up to 16 employees on the preroll production line. This cutting-edge system significantly enhances workforce utilization and productivity, making it a game-changer for businesses seeking to optimize their operations.

Offering compatibility with all strains, including infused cannabis. The Aura-X's adaptability extends to its compatibility with any size of cones and straight paper tubes allowing operators to diversify their product offerings with minimum hassle. While achieving these feats, the Aura-X upholds an exemplary standard of quality prerolls, ensuring ultimate smokability and delivering an exceptional end user experience.

## Design

At Hefestus, our commitment lies in simplifying and streamlining automation across diverse vertical industries. The Aura 2000 stands as a direct testament to this commitment. Building on this success, the Aura-X takes a significant leap forward by offering an advanced user-focused approach, combined with modern data management technology for real-time monitoring and online support. Our focus remains on ensuring a simplistic operation, easy setup, and user-friendly interface, all while maintaining industry-level durability. This ensures the production of quality pre-rolls at high capacity, setting a new standard for excellence.

## Uniqueness

The Aura-X is an impactful tool, empowering its owner to produce vast quantities of pre-rolls in any size using infused and non-infused material while upholding superior quality. With the support provided by our team of local experts, the Aura-X becomes a game-changing asset.







Smart Cut VFiQ



Material Granulation



Filling



Tamping



Closed Fold Tip



Weighing &amp; Validation



AutoTube

## Specs

Machine Materials	Stainless Steel Frame & Non-corrosive food grade
Gross weight	346 Kg
Shipping Info (crate Dimensions)	120 x 120 x H160 cm
Internet Connection	Secure cloud connection with WIFI / LAN
Machine Dimensions	920 x 920 x H1438 mm
Power Requirements	208-240V 2x16A 50-60Hz
Pressurized Air Requirements	6 BARS Air compressor capacity: 80 gal/min + air Dryer
Cleaning	Ethanol/Alcohol wipes & Dishwashing for parts



Output



Accuracy

Packing &  
Density control

Cone size



Partical size



Manpower

Up to 37/minutes

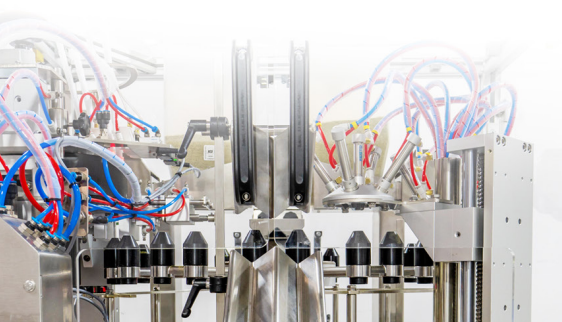
Up to 0.05  
Gram variance

3x

40-110mm

1-5 MM  
work range

Single operator



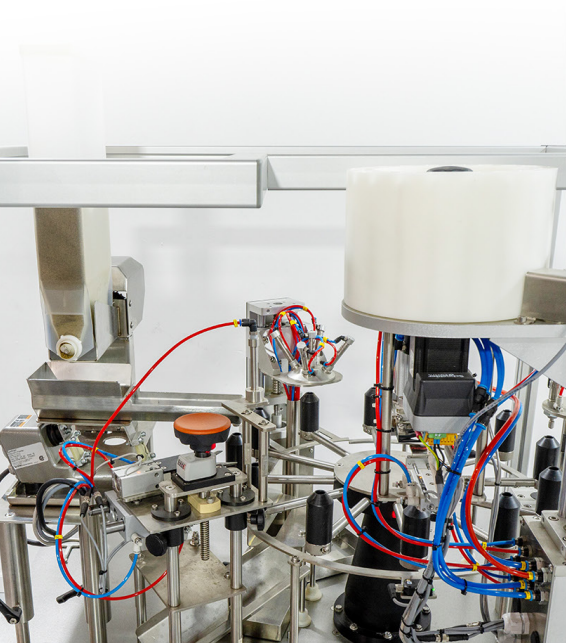


As the latest addition to the esteemed Aura family, the AuraOne emerges as a sophisticated solution tailored to the needs of small to medium operators seeking to automate preroll production. Designed to align seamlessly with the evolving demands of the cannabis industry, the AuraOne differentiates itself from its counterparts, notably the Aura-X, through two key attributes: an invitingly accessible entry price and the capacity to automatically produce Blunts. This model redefines the landscape of pre-roll manufacturing by effortlessly producing an impressive 17 pre-rolls per minute, a feat that stands testament to Hefestus' dedication to innovation.

Equipped with the pinnacle of Hefestus' technological advancements and fortified by proprietary patents, the AuraOne stands as a symbol of exceptional engineering and unparalleled versatility. This innovation provides small to medium operators with a robust solution that not only streamlines their production processes but also enhances their product diversity. The AuraOne effectively bridges the gap between quality and efficiency, offering operators the opportunity to optimize their preroll production while maintaining the utmost standards of craftsmanship.

Moreover, the AuraOne's distinct feature set is underscored by its capability to automatically produce Blunts, demonstrating its responsiveness to emerging market trends and consumer preferences. This unique attribute further solidifies AuraOne's position as an invaluable asset for businesses aspiring to remain competitive and forward-looking in the ever-evolving cannabis industry.

The AuraOne presents an opportunity for businesses to elevate their operations and seize new avenues of growth. Embrace the AuraOne and embark on a journey of innovation and success in pre-roll manufacturing.



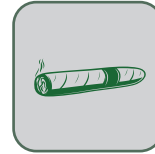




# AuraOne



Combo-Inject



Blunt Maker



Smart Cut VFiQ



Material Granulation



Filling



Tamping



FoldFinish DC



Compact



Weighing &amp; Validation



AutoTube

## Specs

Machine Materials	Stainless Steel Frame & Non-corrosive food grade
Gross weight	346 Kg
Shipping Info (crate Dimensions)	120 x 120 x H160 cm
Internet Connection	Secure cloud connection with WIFI / LAN
Machine Dimensions	900 x 1170 x H1438 mm
Power Requirements	208-240V 2x16A 50-60Hz
Pressurized Air Requirements	6 BARS Air compressor capacity: 80 gal/min + air Dryer
Cleaning	Ethanol/Alcohol wipes & Dishwashing for parts



Output



Accuracy

Packing &  
Density control

Cone size



Partical size



Manpower

Up to 18/minutes

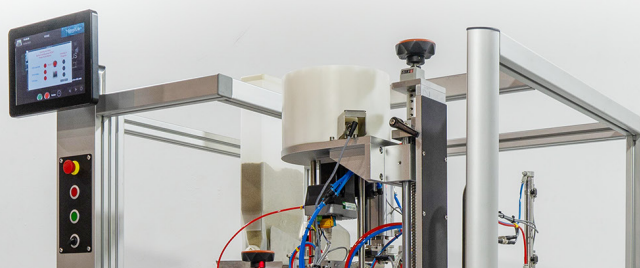
Up to 0.04  
Gram variance

4x

40-120mm

1-5 MM  
work range

Single operator



Features	Aura 2000 (Gen 5)	AuraX	AuraOne
Output	Up to 37/minutes	Up to 37/minutes	Up to 18/minutes
Accuracy	Up to 0.05 Gram variance	Up to 0.05 Gram variance	Up to 0.04 Gram variance
Partical size	1-5 MM work range	1-5 MM work range	1-5 MM work range
Cone size	55-110mm	40-110mm	40-120mm
Manpower	Single operator	Single operator	Single operator
Patented Technology	●	●	●
Packing & Density control	2x	3x	4x
Infused material Filling	Up to 30% Infusion	Up To 45% Infusion	Up To 45% Infusion
Top Fold Finish	FoldFinish DC 2.0	FoldFinish DC 3.0	FoldFinish DC 3.0
Cone feeding (including paper alignment)	Smart Grip 2.0	Smart Grip 2.1	Smart Grip 3.0
Paper Cutting (before filling)	●	SmartCut VFiQ System (Volumetric Filling IQ)	SmartCut VFiQ System (Volumetric Filling IQ)
Weight Check system	Optional	Optional	Integral
Blunts Capability	●	●	●
Straight Cones (Stackable)	●	●	●
Remote access	●	●	●
Data acquisition	●	●	●
Recipes	●	●	●
Manpower replacement	12-16	12-16	6-8
Tool-less Operation	●	●	●
Change Over	Up to10 Minutes	Up to 5 Minutes	Up to 5 Minutes
Options			
Straight Tubes Automatic feeder	●	●	●
Infusion Injection option	●	●	●
Automatic Tube Packaging and Labeling	●	●	●
Extra Tooling	●	●	●
Robotic Pick&Place	●	●	●



## OPTIONS



### Industrial Grinder

The Hefestus Industrial Grinder revolutionizes cannabis processing by employing a low-heat "sifting" technique, ensuring stems are separated without activating terpenes. Expertly designed to handle dry, fresh, or frozen buds, it delivers precise cuts into predetermined flake sizes ideal for smoking or vaporizing. This robust machine boasts industrial capacity, promising both durability and a highly homogenized output. Tailor-made for automation, its results ensure optimal preroll production and superior smokability.



#### Output

60~300kg/H



#### Partical size

1-5 MM  
work range



#### Manpower

Single operator

### Specs

Machine Materials	Stainless Steel Frame & Non-corrosive food grade
Gross weight	380 Kg
Shipping Info (crate Dimensions)	L115 x W90 x H135cm
Power Requirements	208V, 3p, 50-60Hz 16AMP.
Cleaning	Ethanol/Alcohol wipes & Dishwashing for parts

### Weight Check system

The Hefestus Check Weight System optimizes cannabis pre-roll production by ensuring precise and consistent weighing of each cone. Its automation reduces labor costs, eliminating the need for two employees, while its reject system filters out inaccurately filled pre-rolls. Seamlessly integrating into existing machines, its accuracy range promises superior product consistency, benefiting both producers and consumers.



#### Output

Up to 37/minutes



#### Accuracy

Up to 0.001 gr.

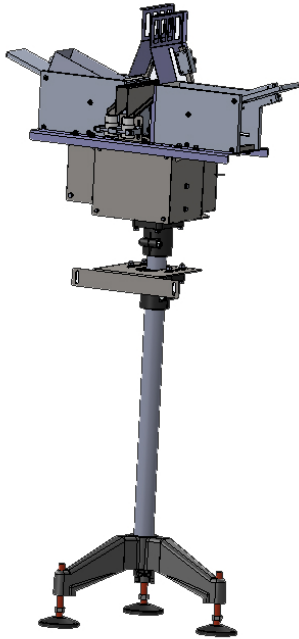


#### Manpower

Single operator

### Specs

Machine Materials	Stainless Steel Frame & Non-corrosive food grade
Gross weight	50 Kg
General Dimensions	L 59 x W 59 x H 106cm.
Power & Air Requirments	Connected to the Aura
Cleaning	Ethanol/Alcohol wipes & Dishwashing for parts
Attention	DO NOT introduce more than 750 gr. onto load cell



## Straight-Rolls Feeder

Cigarette-style prerolls, often referred to as straight rolls, have become a significant trend in the cannabis sector. Recognizing the prowess of the Aura pre roll machines, which flawlessly fill, pack, and fold, we at Hefestus have designed a feeding mechanism tailored for these non-stackable straight prerolls. This innovative system seamlessly integrates with any Aura model and ensures the machine is consistently fed with empty paper tubes, streamlining the production process while elevating efficiency and versatility to adapt to various production needs.



Output



Cone size



Manpower

Up to 37/minutes    40-120mm    Single operator

## Specs

Machine Materials	Stainless Steel Frame & Non-corrosive food grade
Gross weight	35 Kg
General Dimensions	830x430x1600(H)
Power & Air Requirments	Connected to the Aura
Cleaning	Ethanol/Alcohol wipes & Dishwashing for parts



## Additional Sized Tooling Set

At Hefestus, every Aura Machine we sell comes standard with tooling for one specific cone size. While this caters to a specific preroll dimension, we understand the need for versatility. That's why we offer additional pre roll tooling for any desired cone size as an added option. Swapping out the tooling on the Aura is remarkably swift and straightforward. In just a matter of minutes, changes can be made, with the bulk of the adjustment process being handled seamlessly via the HMI software interface. This ensures flexibility without compromising on efficiency.





**Hefestus**  
Automated Excellence

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