



 MOBIUS

# AUTOMATED CANNABIS PROCESSING

# HARVEST PROCESSING MADE EASY

Mobius simplifies the complexities of harvesting by offering the world's best processing equipment for the next generation of cannabis production facilities. Mobius was founded by industry veterans and built around world-class engineering with the mission of providing high-quality machines to commercial-scale cannabis operations.

Every part of the harvesting process has been deconstructed and reimaged, resulting in harvesting equipment that is easy to use, scalable, and safe. Every machine features tool-free disassembly for reduced downtime through simple, fast cleanings and easy maintenance. All equipment is constructed with stainless steel and food-grade material, so GMP-certified workflows are easily accommodated. Plant material bucked, trimmed, sorted, and milled by Mobius equipment rivals product processed by hand.

The Mobius Automation Suite will greatly reduce labor and operating costs while maximizing productivity and efficiency. Utilizing Mobius post-harvest processing equipment provides full control over the production process and seamless vertical integration. See how each Mobius product can enhance your operation and increase profit and efficiency.

## DESIGNED FOR CANNABIS

Mobius post-harvest equipment is designed from the ground up with the nature and characteristics of cannabis front of mind. Our equipment is built for industrial use and is easily washed by hand or pressure washer so sticky resin and kief dust don't affect the machines. Mobius equipment is gentle on cannabis and ensures the highest trichome and terpene retention throughout the process.

## DRIVEN BY TECHNOLOGY

Mobius prides itself on thoughtful design, in-house manufacturing, and white-glove customer service. Every aspect of the Mobius design process is informed by feedback gained from extensive interaction with real-world Mobius users. Our in-house R&D and manufacturing capabilities allow us to rapidly prototype and test new and improved designs so we can deliver them to our customers.

TRUSTED BY INDUSTRY LEADERS



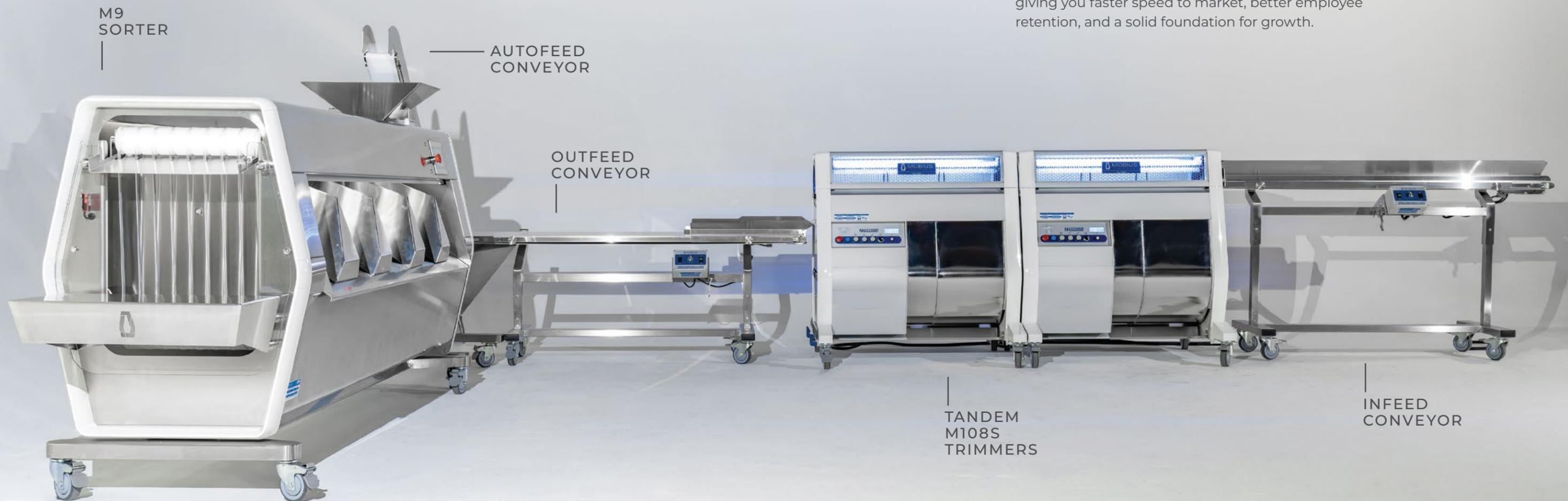
# MEET THE FUTURE OF CANNABIS PROCESSING

## END-TO-END AUTOMATION

Put profitability on autopilot with the Mobius suite of automated processing equipment.

Cut your operating costs. Increase product quality and shield yourself against regulatory threats with GMP-ready machines built to industrial standards.

The Mobius Cannabis Automation Suite moves and processes your crop flawlessly — with fewer chances for human error or contamination — giving you faster speed to market, better employee retention, and a solid foundation for growth.



M9  
SORTER

AUTOFEED  
CONVEYOR

OUTFEED  
CONVEYOR

TANDEM  
M108S  
TRIMMERS

INFEED  
CONVEYOR



**COMMERCIAL BUCKING**  
80-150 lbs (36-68 kg) per hour.

**CSA SAFEGUARDING COMPLIANT**

Fully guarded machine ensures hands stay clear from moving parts.



**INTEGRATED STEM CHIPPER**

Reduce waste 25X and slash waste removal time and costs.

**VARIABLE SPEED**

Buck wet and dry flower with ease.

# MBX BUCKER

**GENTLE ON FLOWER**

The MBX Bucker gently removes the flower from the stalks while simultaneously chipping the stems into smaller pieces for reduced waste handling. With incredible pulling power on the plant stems, buck cannabis wet or dry while preserving precious trichomes.

**INCREASED EFFICIENCY**

Featuring seven feed holes for dual-operator productivity and custom die plates available, the MBX can process up to 150 lbs per hour, replacing the work and labor costs of 5-7 hand buckers. The machine has a stainless steel construction, making cleaning and maintenance easier and greatly reducing downtime.

**FULL CONTROL**

Ensure your top-quality flower stays intact with adjustable speed control, allowing you to match roller speeds with your strain and growing style. The large diameter rollers and powerful 1/2 HP motor provide uncompromising grip on stems and carefully remove the buds at any speed.

**HIGH-QUALITY CONSTRUCTION**

The MBX is made with stainless steel components and cast polyurethane rollers, so the machine is ready for integration into GMP facilities. The bucker is also fully guarded with a glove-friendly control panel for increased worker safety.

## TECHNICAL SPECIFICATIONS

**WET/DRY CAPABLE**  
Yes

**CONSTRUCTION**  
304 Stainless Steel  
6061 Aluminum  
Cast Polyurethane  
18-8 Stainless Steel

**SPEED ADJUSTMENTS**  
1-11

**NUMBER OF FEED HOLES**  
7

**MAX HOLE DIAMETER**  
1/2 in (1.27 cm)

**INTEGRATED CHIPPER**  
Yes

**STEM PULLER MOTOR**  
1/2 HP

**CHIPPER MOTOR**  
3/4 HP

**POWER REQUIREMENT**  
120 V, 15 A

**NUMBER OF CHIPPING BLADES**  
2

**DISASSEMBLY TOOLS**  
5/32 in. Allen Key

**FITS THROUGH 32 IN. DOOR**  
Yes

**OVERALL DIMENSIONS**  
28 in (71 cm) W  
40 in (101 cm) L  
52 in (132 cm) H

**WEIGHT**  
275 lbs (125 kg)

**WARRANTY**  
1 Year or 1,000 Hours



#### EFFICIENT TRIMMING

Wet: 60-120 lbs (27-54 kg) per hour.  
Dry: 30-60 lbs (14-27 kg) per hour.

#### TANDEM-READY

Connect a second M108S in minutes. Double your production. No additional parts required.



#### TOOL-FREE DISASSEMBLY

Quickly replace dirty components with fresh ones to maximize production time.

#### GMP COMPLIANT

Stainless construction is washdown compatible.

# M108S TRIMMER

#### CUTS LIKE SCISSORS

The surgical-grade stainless steel bed knives continuously flex against the rotating helical blades. This patented design ensures that the two cutting edges remain in constant contact, eliminating gaps and dead spots for a scissor-like trim.

#### 50% INCREASED ACCESS TO BLADES

The patented AirThread Tension Tumbler provides the flower with over 50% more access to blades compared to traditional sheet-metal tumblers. This enables faster trim times, less surface area to collect resin, and a closer trim.

#### FASTER = FEWER LOSSES

Three independent helical blade cartridges are set side-by-side, giving flowers three cut-point opportunities with each pass of the tumbler. Product is trimmed faster and spends less time in the tumbler, minimizing the risk of impact damage.

#### OPTIMIZE EVERY ASPECT OF YOUR TRIMMING PROCESS

The Variable Function System gives users control to optimize their machine to suit any moisture content, strain type, or end-product requirements. Adjust tumbler speed, blade speed, suction, and tilt.

## TECHNICAL SPECIFICATIONS

**TRIMMING STYLE**  
Wet/Dry Throughput

**CONSTRUCTION**  
304 Stainless Steel  
Anodized Aluminum  
Nitrided Blades

**SPEED ADJUSTMENTS**  
1-11

**NUMBER OF BLADES**  
3

**VACUUM MOTOR**  
5 HP

**TUMBLER MOTOR**  
1/8 HP

**CUTTER MOTOR**  
3/4 HP

**POWER OPTIONS**  
Three phase, 208 V, 22 A  
Single phase, 240 V, 30 A

**INTEGRATED TILT ANGLE**  
Yes

**FITS THROUGH 32 IN. DOOR**  
Yes

**TUMBLER DIMENSIONS**  
8 in (20 cm) Dia. x 36 in (91 cm) L

**OVERALL ASSEMBLED DIMENSIONS**  
44 in (111 cm) W  
42 in (107 cm) L  
45 in (113 cm) H

**WEIGHT**  
500 lbs (227 kg)

**WARRANTY**  
1 Year or 1,000 Hours





### 100X FASTER

The M9 Sorter is 100x faster than hand sorting and 4x faster than the closest competitor, sorting 440 lbs (200 kg) per hour.

### INDUSTRY-LEADING BELT LENGTH

78 in (198 cm) total sorting distance with nine belts and unlimited sorting size configurations.



### AUTONOMOUS OPERATION

Unlike screen sorters, the M9 works automatically, needing minimal employee oversight.

### GMP COMPLIANT

The M9 has a stainless steel construction that is washdown compatible, ensuring it's ready for GMP facilities.

# M9 SORTER

## AUTOMATION INTEGRATION

Seamlessly integrate the M9 Sorter into your post-harvest workflow for autonomous operation. Connect Outfeed and Autofeed Conveyors from the M108S Trimmer for a consistent feed to the Sorter and a fully automated process. Reduce manual labor and downtime with automatic belt tensioning and integrated conveyor controls.

## CUSTOM SORTING SIZES

The M9 features nine sorting belts and five user-adjustable sorting outputs. Operators can quickly adjust the spacers after each run to customize the desired bud sizes.

## OPTIMIZE YOUR YIELD

Get the most out of your harvest by sorting out the larger, "top-shelf" flower from the smaller popcorn buds. Increase revenue by maintaining the premium on your colas while maximizing the value of your smaller buds for use in pre-rolls and extracts.

## SMART TECHNOLOGY

Unlike manual screens or vibratory sorters, the M9 is gentle and precise with minimal agitation of the bud structure. The food-grade polyurethane belts reduce handling damage and preserve trichomes.

The M9 Sorter also has been designed with operator safety in mind. The sorter features LED status indicator lights and safety interlocks and meets the standards for CSA, EU, CE, and UL certifications.

## TECHNICAL SPECIFICATIONS

**WET/DRY CAPABLE**  
Yes

**CONSTRUCTION**  
Anodized Aluminum  
304 Stainless Steel

**SPEED ADJUSTMENTS**  
1-11

**NUMBER OF BELTS**  
9

**BELT DIAMETER**  
5/16 in (0.8 cm)

**BELT DRIVE MOTOR**  
1/10 HP

**POWER REQUIREMENT**  
120 V, 1.5 A

**HMI CONTROL**  
Yes

**FITS THROUGH 32 IN. DOOR**  
Yes

**DIMENSIONS**  
30 in (76 cm) W  
88 in (224 cm) L  
47 in (118 cm) H

**WEIGHT**  
610 lbs (277 kg)

**WARRANTY**  
1 Year or 1,000 Hours



# M60 & M210 MILL

## EFFICIENT MILLING

M210: Up to 110 lbs (50 kg) per hour.  
M60: Up to 20 lbs (9 kg) per hour.

## CUSTOM GRIND SIZE

Seven mill screen options ranging from coarse to fine allow you to choose your particle size.



## VERSATILE APPLICATION

The mills are perfect for grinding cannabis for use in pre-rolls, extracts, and fresh frozen applications.

## TOOL-FREE DISASSEMBLY

Reduce downtime with fast, simple cleaning and easy maintenance.

## CONSISTENT GRIND

The stainless steel mills deliver the most consistent particle sizes for all cannabis applications. Variable speed operation and unlimited screen configurations give the operator full control over the grind.

## PRESERVE POTENCY

With the mill's interchangeable precision milling screens and low rotor speed, cannabis retains maximum levels of trichomes and terpenes.

## SCALE YOUR OPERATION

Whether you are a small, medium, or commercial-sized cultivator, Mobius Mills are designed for any application. Integrate the M210 or M60 Mill seamlessly into your workflow and increase revenue by broadening your product offerings.

## NO DOWNTIME

Keep production moving with continuous throughput and industrial-grade construction, perfect for facilities that demand efficiency and durability. The machine is easily cleaned in 10 minutes with a pressure washer or by hand, and workers are kept safe with CSA-compliant guarding.

## STANDARD MILL SCREEN OPTIONS

● = recommended | ● = can be used | ● = not recommended

MILL SCREEN	HOLE SIZE	PRE-ROLLS	CO2 EXTRACTION	ETHANOL EXTRACTION	HYDROCARBON EXTRACTION	FRESH FROZEN
ULTRA FINE RASP	1/16 in (1.6 mm)	●	●	●	●	●
FINE RASP	5/64 in (2.0 mm)	●	●	●	●	●
MEDIUM MILLING	1/8 in (3.2 mm)	●	●	●	●	●
COARSE MILLING	3/16 in (4.7 mm)	●	●	●	●	●
COARSE BLENDING	1/4 in (6.4 mm)	●	●	●	●	●
COARSE CHUNKING	1/2 in (12.7 mm)	●	●	●	●	●
ULTRA COARSE CHUNKING	3/4 in (19 mm)	●	●	●	●	●

## TECHNICAL SPECIFICATIONS

### M60

**CONSTRUCTION**  
Stainless Steel

**SPEED ADJUSTMENTS**  
11

**MOTOR**  
1/10 HP

**POWER REQUIREMENT**  
120 V, 1.5 A

**TOOL-LESS DISASSEMBLY**  
Yes

**FITS THROUGH 32 IN. DOOR**  
Yes

**MILLING CHAMBER**  
7 3/4 in (20 cm) Dia. x 5 in (13 cm) Depth

**OVERALL DIMENSIONS**  
16 in (41 cm) W  
13 in (33 cm) L  
23 in (58 cm) H

**WEIGHT**  
60 lbs (27 kg)

**WARRANTY**  
1 Year or 1,000 Hours

### M210

**CONSTRUCTION**  
Stainless Steel

**SPEED ADJUSTMENTS**  
11

**MOTOR**  
1/2 HP

**POWER REQUIREMENT**  
120 V, 6 A

**TOOL-LESS DISASSEMBLY**  
Yes

**FITS THROUGH 32 IN. DOOR**  
Yes

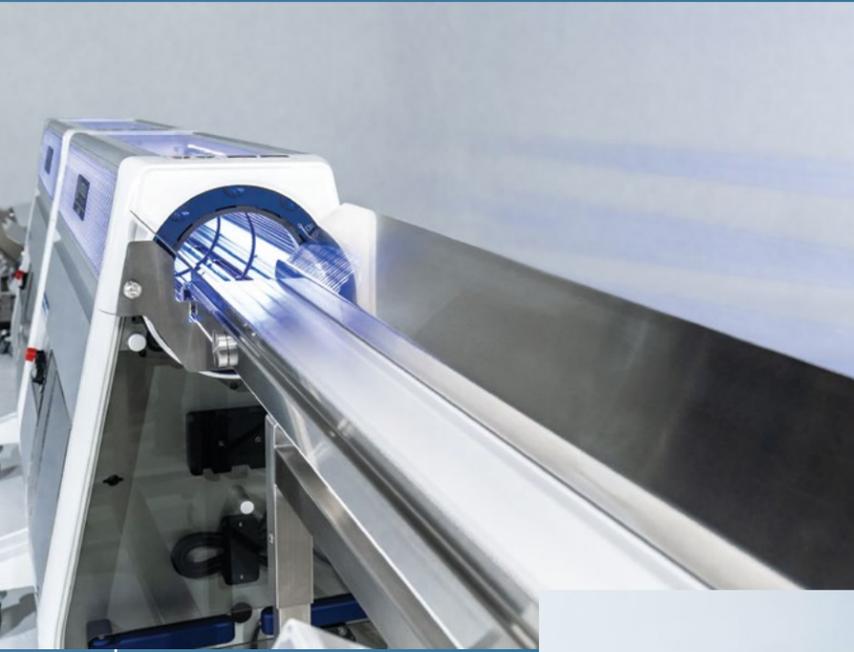
**MILLING CHAMBER**  
18 in (46 cm) Dia. x 10 3/8 in (26 cm) Depth

**OVERALL DIMENSIONS**  
28 in (71 cm) W  
28 in (71 cm) L  
52 in (132 cm) H

**WEIGHT**  
265 lbs (120 kg)

**WARRANTY**  
1 Year or 1,000 Hours





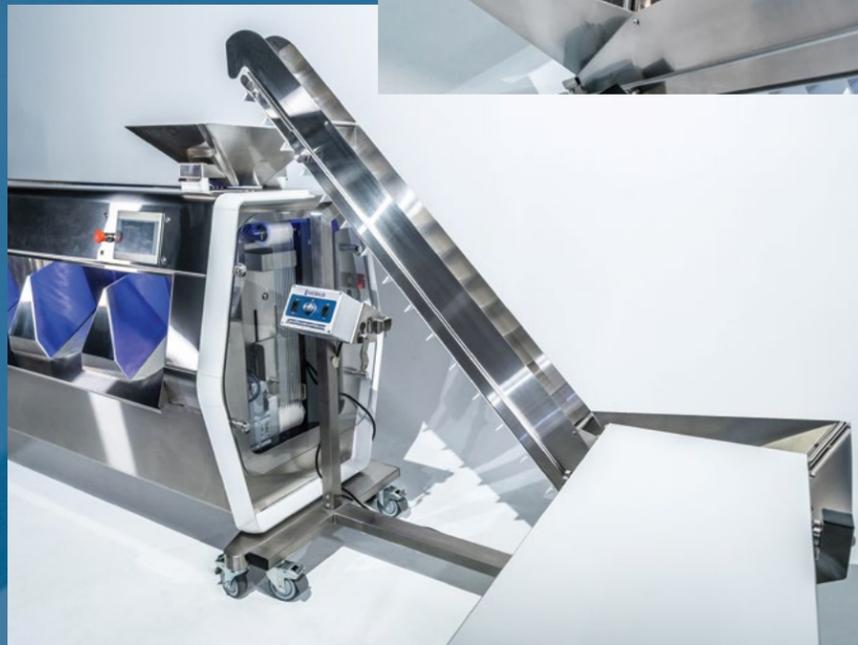
### INFEEED CONVEYOR

Consistently feed untrimmed flower into the M108S Trimmer.



### OUTFEED CONVEYOR

Wide conveyor for easy quality control on the M108S Trimmer output.



### AUTOFEED CONVEYOR

Continuously feed the M9 Sorter from the Outfeed Conveyor or M108S for unmatched production efficiency.

# CONVEYORS

## INFEEED

Cut labor expenses and increase the efficiency of your M108S Trimmer by up to 10% with the Mobius Infeed Conveyor. Utilizing the Infeed Conveyor reduces infeed gaps that can occur with manual feeding, and reduces quality control issues by enabling a visual inspection of material before it's fed into the trimmer.

## OUTFEED

Create a continuous quality control system utilizing the Outfeed Conveyor attached to the M108S Trimmer. By positioning the cannabis conveyor and quality control staff on the outfeed of the trimmer, the trimmed flowers can be inspected immediately, reducing errors and streamlining your harvesting process.

## AUTOFEED

Elevate your automation to a whole new level with the Mobius Autofeed Conveyor. This speed-adjustable conveyor raises your product for sorting with the Mobius M9 Sorter. The stainless-steel hopper can integrate with multiple trimmer lines for even greater efficiency.

	INFEEED	OUTFEED	AUTOFEED
CONSTRUCTION	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
BELT MATERIAL	Fully-Encased Anti-Microbial Polyurethane	Fully-Encased Anti-Microbial Polyurethane	Fully-Encased Anti-Microbial Polyurethane
MOTOR	1/10 HP	1/10 HP	1/10 HP
SPEED RANGE	6–35 ft (2-10 m) per Min.	6–35 ft (2-10 m) per Min.	6–35 ft (2-10 m) per Min.
TOOL-LESS DISASSEMBLY	Yes	Yes	Yes
BELT DIMENSION	5 in (13 cm) W 72 in (183 cm) L	16 in (41 cm) W 72 in (183 cm) L	5 in (13 cm) W 77 in (196 cm) L
OVERALL DIMENSIONS	18 in (46 cm) W 72 in (183 cm) L 45 in (114 cm) H	27 in (69 cm) W 72 in (183 cm) L 31 in (79 cm) H	26 in (66 cm) W 67 in (170 cm) L 65 in (165 cm) H
WEIGHT	87 lbs (40 kg)	120 lbs (54 kg)	180 lbs (82 kg)
POWER REQUIREMENT	120 V, 1.5 A	120 V, 1.5 A	120 V, 1.5 A
WARRANTY	1 Year or 1,000 Hours	1 Year or 1,000 Hours	1 Year or 1,000 Hours



#### MECHANICAL TILT

Automated mechanical tilt allows operators to bring the wash vessel to a fully horizontal position, making cleanout safe, easy, and sanitary.



#### HIGH-VOLUME WASHING

Achieve production volumes of around 50-75 lbs per batch.

#### 5X FASTER COLLECTION

The free-rolling collection module houses the dewatering system and collection vessel, allowing for efficient and streamlined hash collection. Add-on extra collection modules to create a continuous workflow.

# M100 SOLVENTLESS WASH SYSTEM

#### HASH WASHING AUTOMATION

Integrated sensors auto-detect water levels and temperature. Set recipes and run automatic wash sequences from the user-friendly touchscreen interface.

#### DEWATERING TECHNOLOGY

Advanced centrifugal design protects your trichomes during dewatering without using destructive vibratory force, speeding up your trichome filtering and collection.

#### INTEGRATED COOLING

The cooling vessel pre-chills 200 gallons of filtered water to approximately 32-34°F, the optimal temperature for hash washing. Triple-wall insulation ensures no condensation on the outside of the vessels, while internal glycol jackets actively cool the vessels throughout all stages of the wash, eliminating the need for ice.

#### MULTI-VESSEL SYSTEM

The Mobius M100 Wash System features multiple vessels for seamless commercial-scale operation. The system allows hash experts a streamlined workflow with a 200-gallon cooling vessel, a 100-gallon wash vessel, and a 100-gallon water recovery & recirculation vessel.

#### REDUCE COSTS

100-gallon water recovery and recirculation vessel allows you to reuse the water from each wash cycle to the next. Reduce downtime and minimize operating costs associated with cooling, filling, and emptying your wash vessels.

## TECHNICAL SPECIFICATIONS

**CONSTRUCTION**  
Triple Wall 304 Stainless Steel

**COOLING RESERVOIR**  
200 Gal

**WASH VESSEL**  
100 Gal

**RECOVERY VESSEL**  
100 Gal

**CONTROL SYSTEM**  
Modbus Compatible HMI  
User-Friendly Interface

**MECHANICAL AUTOMATION**  
Water Agitation  
Dewatering Centrifuge  
Wash Vessel Tilt

**COOLING TECHNOLOGY**  
Internal Glycol Jacket

**MAX IMPELLER SPEED**  
Up To 500/Min

**RECIRCULATION & TRANSFER PUMPS**  
3A Sanitary Pump  
½ HP IP69K Washdown

**AGITATION MOTOR**  
1 HP IP65 Continuous Duty  
Washdown

**DEWATERING MOTOR**  
¼ HP IP65 Continuous Duty  
Washdown

**OVERALL DIMENSIONS**  
96 in (2.4 m) W  
126 in (3.2 m) L  
126 in (3.2 m) H

**POWER REQUIREMENT**  
120 V, 20 A

**WARRANTY**  
1 Year or 1,000 Hours



# GMP CERTIFIED

GMP stands for Good Manufacturing Practices. In other words, it's a set of rules and procedures related to the handling, cleaning, quality assurance, and packaging processes in manufacturing facilities and the products they make. The application of GMP to the harvesting and production of cannabis means the consumer receives safe and consistent products.

All Mobius equipment is constructed with 100% stainless steel and food-grade materials. Easily disassembled in minutes and cleaned by hand or pressure washer, Mobius equipment is seamlessly integrated into GMP-compliant facilities. With the most stringent regulations for GMP and worker safety in mind, Mobius machines are robust and simple in design, enabling hassle-free operation.

- All plant-contact surfaces on Mobius equipment are smooth and made of non-toxic, corrosion-resistant, non-reactive materials, capable of withstanding repeated cleaning
- All plant-contact surfaces on Mobius equipment are accessible and/or removable for cleaning and can be effectively cleaned with non-toxic detergents or just water alone
- Mobius equipment, particularly the M108S Trimmer, does not have any hoses or hidden parts, which are exceptionally difficult to clean and have the potential to harbor microorganisms
- The M108S Trimmer is a semi-closed system that generates minimal airborne particulate because the system separating the trim from the flower is built into the machine
- SOPs for Mobius equipment are simple and straightforward, ensuring consistency

## LEARN MORE ABOUT GMP

Visit [mobiustrimmer.com/gmp-certified-cannabis-trimming/](https://mobiustrimmer.com/gmp-certified-cannabis-trimming/) to download *Cannabis & GMP: A Guide to GMP-Certified Post-Harvest Processing*.



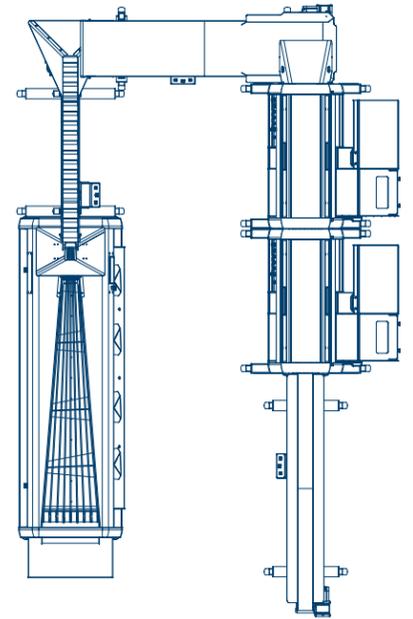
# AUTOMATION SIMPLIFIED

## FREE WORKFLOW DESIGN

Connect with us and gain expert analysis of your existing workflow and how to optimize your production with Mobius Automation. An in-house Automation Specialist will review your information and identify configurations to reduce operating and labor costs while increasing efficiency.

## NEED HELP CHOOSING WHAT EQUIPMENT WOULD SUIT YOUR OPERATION?

CONTACT US AT 1-866-874-6244 | [INFO@MOBIUSTRIMMER.COM](mailto:INFO@MOBIUSTRIMMER.COM) | [MOBIUSTRIMMER.COM](https://MOBIUSTRIMMER.COM)



# GMP CLEAN ASSURANCE

## RECOMMENDED CLEANING PRODUCTS

GMP Solutions offers products specially formulated to safely and effectively remove resin, organics, greases and oils from cannabis processing equipment.

SHOP PRODUCTS AT [GMP SOLUTIONS.COM](https://GMP SOLUTIONS.COM)



ADD MOBIUS TO YOUR TRIM ROOM.  
CONTACT US FOR A CUSTOM QUOTE.



1-866-874-6244  
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