



MOBIUS
TRIMMER

DESIGNED FOR COMMERCIAL-SCALE
HEMP CULTIVATORS

INTRODUCING

THE MOBIUS TRIMMER M108S

The M108S is built with our all-new Spring Tension Technology. Offering the same functionality and industry-leading trim quality that you've come to depend on — but with an extremely simplified workflow for your harvesting team.

While the air pressure of the original M108 required operators to accurately tension the tumbler themselves, the M108S uses Spring Tension Technology to automatically provide accurate and consistent tumbler tension while your M108S is in use.

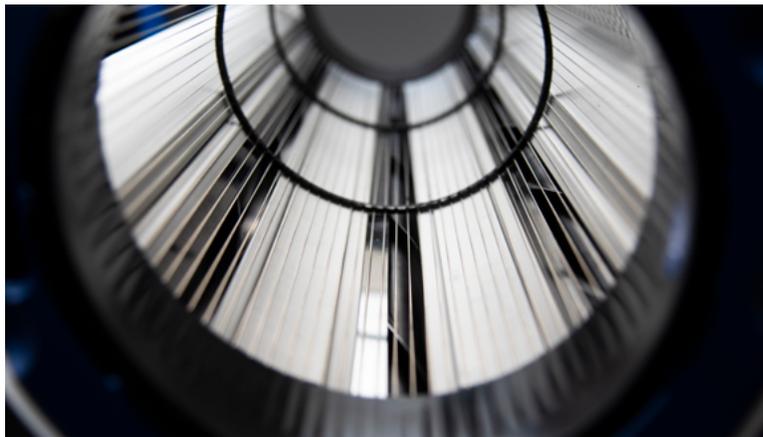


SPRING COMPRESSION TOOL

NEW

Our newly-designed Spring Compression Tool is the key to quickly achieving ideal and consistent tumbler tension.

Working effortlessly with any compressed air supply, this tool compresses and releases spring tension in the lid, allowing you to install and remove your tumbler. Once installed, spring tension holds your tumbler perfectly tight until you are ready to remove it, eliminating the possibility of user error.



TENSION TUMBLER

Our tumblers are made from a single piece of 316 stainless steel that is more than 300 feet long. This unique and patent-pending design not only allows our tumblers to be rust-proof, but also dent-proof, as the tumbler becomes flexible when removed.

When locked into place, the Tension Tumbler becomes perfectly cylindrical, allowing for a very small distance between the blades and the tumbler, which in turn, allows for a close, consistent trim.

Traditional tumbler designs are constructed with perforated sheet metal. By using stainless steel cable, the Mobius M108S provides more than 50% greater access to the cutting blades. This means that your product spends less time in the tumbler and results in a closer trim.

INTEGRATED SEPARATION SYSTEM

What you see is what you get. The Mobius M108S is one complete unit: a hose-less system that produces quality trimmed flower and quality trim — no separate machines or components required. The end result is a simplified design with a small footprint that saves valuable trim room space.

Hoses are difficult, if not impossible, to clean to GMP standards. Because the M108S does not include any hoses, this concern is eliminated for a GMP-compliant workflow.

With a uniquely curved design and smooth internal surfaces, trim moves through the machine gently on a cushion of air. The material has minimal impact against the walls before ultimately dropping into the removable Trim Tote. The trim never touches an impeller and appears identical to trim that has been cut with scissors. It retains 100% viability and value for use in extracts.



TRIFLEX BLADE SYSTEM

Each M108S has three 36-inch-long nitride-hardened helical blades, providing a whopping 108 inches of total trim opportunity as your flower passes down the tumbler. When run in tandem, the M108S system has 50% more cutting surface than any other trimming machine in the industry.

The three self-sharpening blades are set side-by-side, giving flowers three cut-point opportunities with each rotation of the tumbler. Your product is trimmed faster and spends less time in the tumbler, minimizing the risk of impact damage. Unlike other trimming machines that trim by hacking at the leaf, the Mobius M108S creates a scissor-like cut. To achieve this, the bed knives flex against, and stay in constant contact with, the helical blades, acting like shears.

BLADE WASH & STORAGE RACKS

NEW

Introducing the all-new Mobius Blade Rack System. These three racks act as stable workstations, helping to make transport, storage and most importantly cleaning, a whole lot easier.

BED KNIFE & SPACER BAR RACK



This rack can safely store three bed knives and three spacer bars when not in use, or can secure three bed knives blade-up for cleaning. It's like having a second set of hands. They fit easily within our Soak N' Store tubs and can be submerged in your cleaning solution to easily scrub away resin and plant material.



HELICAL BLADE STORAGE RACK

This multi-purpose rack is designed to make cleaning the helical blade an absolute breeze. Plus, to help save time during a hot swap, this rack can alternatively house three full TriFlex Blade cartridges, made up of a helical blade, a spacer bar and a bed knife.



HELICAL BLADE SUPPORT RACK

This rack cradles the helical blade itself to provide easy cleaning access to the helical blade bearing ends, as we do not recommend submerging these components for an extended period of time. It offers essential protection to the blade edges while you wipe away residual plant material.



CUSTOMIZE YOUR TRIM

Trim hemp wet or dry with the same machine. No additional components required. The M108S Variable Function System gives you the control to customize your machine to suit any moisture condition, strain type or end-product requirements. Easily adjust the tumbler speed, blade speed, vacuum suction and tilt angle with a simple turn of a dial. Alter your trim settings in real time, on the fly.

Once you determine what settings work best to deliver your desired end-product, record your settings to produce a consistent trim from batch to batch. This data will assist in developing your SOPs and make on-boarding new employees a snap.



CLEANING

The worst part of trimming is cleaning your equipment afterwards. Not only does the M108S create less mess, but cleaning it is easy and quick — reducing labour costs.

Breaking down the Mobius M108S is nearly tool-less and designed so all plant touching components are “hot swappable” in minutes. These components can quickly be replaced with fresh ones, so your trim team keeps trimming while your sanitation crew cleans the stickiest components in parallel.

The compact, fully-integrated M108S design takes up a significantly smaller footprint than other trimming machines, which is especially appealing in an often overcrowded sanitation room.

SAFETY

The M108S is designed to be the safest trimmer on the market. Key safety features include:

- No exposed moving parts or belts.
- Shrouds preventing hand access to the input and output points.
- Disabled Mobius M108S operation when components are removed for cleaning or servicing, even if it remains plugged in.
- Safety sensors to shut the Mobius M108S down if it is not in operational condition.
- A fully-integrated system resulting in a cleaner and safer working environment.

TECHNICAL SPECIFICATIONS

DIMENSIONS	HEIGHT	47"	
	LENGTH	43.5"	
	<i>with SHROUDS</i>	77.5"	
	WIDTH	32"	
<i>with SHROUDS</i>	43"		
	WEIGHT	462 lbs	
POWER	VACUUM MOTOR:	5 HP	
	CUTTER MOTOR:	0.75 HP	
	TUMBLER MOTOR:	0.125 HP	
ELEC.	SINGLE PHASE:	240V, 30 amps	
	THREE PHASE:	208V, 22 amps	
OUTPUT	FEED RATE	SINGLE M108S	TANDEM
	WET TRIM	66 - 120 lbs/hr	150 - 260 lbs/hr
	DRY TRIM	22 - 44 lbs/hr	48 - 96 lbs/hr

GMP

The Mobius M108S was designed to be an integral part of your GMP-compliant harvest operation.

- It does not have any inaccessible parts, hoses or concealed cyclones, which are all exceptionally difficult to clean and have the potential to harbor microorganisms if they cannot be inspected carefully.
- SOPs are simple and straightforward, ensuring consistency in operations and products.
- All plant-touching parts are smooth and made of non-toxic, corrosion-resistant materials, capable of withstanding repeated cleaning.
- Integration of the vacuum and the trim separator into the body results in minimal airborne plant particulate being generated and a cleaner work area overall.
- All plant-touching parts of the M108S are removable and can be changed out or effectively cleaned with non-toxic detergents.

SUBSCRIPTION SERVICE

NEW

Ensure that your harvest team always has what it needs to service your Mobius M108S with the Mobius Select Subscription Plan. We will send you, on a set schedule, all the consumable and maintenance parts required, so your Mobius M108S is always running efficiently and effectively.

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PROUDLY MADE IN BRITISH COLUMBIA, CANADA