



PRODUCTS

# Master

## Medical Range





# MT Tumbler 500 MED

The MT Tumbler 500 MED is made entirely of stainless steel in every part through which the raw material may pass for processing and/or may come into contact. Stainless steel has also been used for other parts such as the upper cover, pulleys, bearings, levers, knobs, etc.

All parts are certified for food use. The qualities of its design, materials and finishes allow it to be used to process medical cannabis complying with the most demanding GMP quality standards.





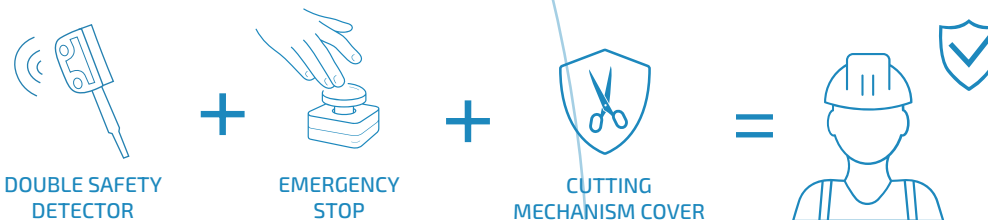
## Guarantee and cut quality

- Height adjustable drum.
- Made of stainless steel without any type of paint.
- 11-blade cutting reel capable of 320 cuts per second.
- The work equivalent of up to 15 operatives.
- Hardened steel blade with food-safe and non-stick coating for high precision cutting.
- 304 stainless steel barrel.
- Adjustable cutting blade.
- Enables working on fresh and/or dry material by just changing the barrel.
- Anti-puncture wheels with optional GMP covers for any type of terrain.
- Four handles for easy mobility.
- No use of plastics in components such as handles, hinges, etc.



## Safety for the operator

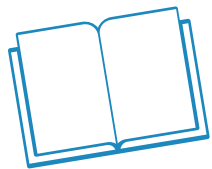
- Double safety detector in the upper part of the cover and the side cover.
- Emergency stop at the top for quick stop of the equipment.
- Stainless steel covers to protect the operator from the cutting mechanisms of the trimmer.





## Easy to maintain

- The main components are easily disassembled without tools for quick and easy maintenance.
- The stainless steel design and waterproofing allows it to be cleaned with hot water under pressure.
- Cleaning the barrel consists of rubbing its surface with hot water and a sponge, taking special care with its steel struts.
- The MT Tumbler 500 has a **motor guard**, a motor thermal protector. Its main function is to cause an automatic stop of the motor when it detects unusual heating, thus avoiding possible overheating and damage.
- The trimmer features an ultra-smooth, non-porosity mirror polish for fast and effective cleaning.
- The blades are adjusted at the factory, they only need to be adjusted again if faulty trimming is detected. Adjustment takes less than 10 minutes.

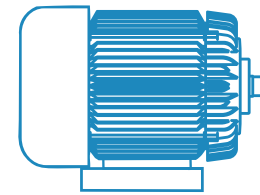


*Ask us for the use and maintenance manual to find out more.*

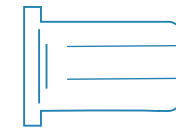


## Waterproof

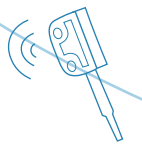
- IP66 and IP67 waterproof motor.
- Silicone cover on the controls for the protection of the electrical system.
- IP67 hermetically sealed electrical system. The electrical system is fully protected by hermetically sealed boxes to prevent direct contact with water.
- IP67 security detectors, waterproof.



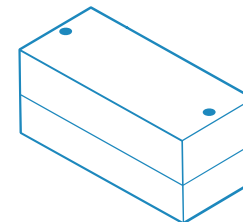
IP66 MOTOR



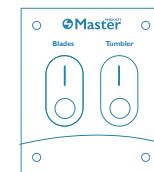
IP67 MOTOR



DOUBLE SAFETY DETECTOR



ELECTRICAL SYSTEM BOXES



PLASTIC COVER FOR THE PROTECTION OF THE ELECTRICAL SYSTEM

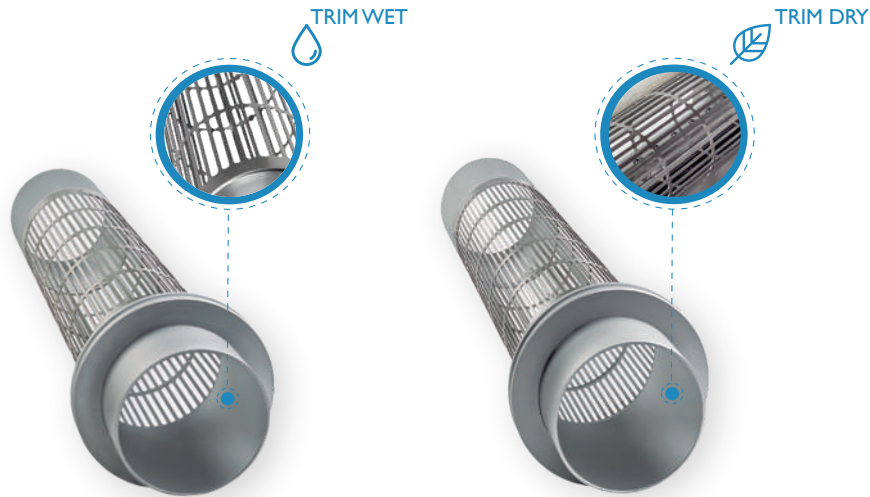




# Fresh or dry?

Change the barrel in seconds without the need for tools depending on whether you want to trim dry or fresh raw material.

All the parts where the flowers may come into contact with both drums are made entirely of 304 stainless steel.



TECHNICAL DATA	TRIM WET	TRIM DRY
MATERIAL	Stainless steel	Stainless steel
TOTAL SIZE	913 x157 mm	913 x157 mm

## Avoid cross-contamination

Each barrel is laser-engraved with the serial number of the trimmer, thus avoiding the possibility of cross-contamination and ensuring perfect adaptation of the drum with its trimmer, ensuring traceability.



 TRIM WET       TRIM DRY  
**22** | **5**  
 KG/H WET      KG/H DRY  
 =  
**15** OPERATORS



*\*The productions and equivalences indicated in each machine have been checked by Master Products operators and under optimal conditions for good performance, and may vary according to the variety of product to be treated, the environment, use, maintenance and adjustments of the equipment.*

*\*\*To achieve good dry production (Trim Dry), we recommend that the raw material contains between 9% and 13% humidity depending on the variety to preserve the quality and structure of the flower and obtain optimal results.*



 TRIM WET     TRIM DRY  
**22** | **5**  
 KG/H WET    KG/H DRY  
 =  
**15** OPERATORS

**1 UNIT**  
**MT TUMBLER**  
**500 MED**

 TRIM WET     TRIM DRY  
**45** | **12**  
 KG/H WET    KG/H DRY  
 =  
**32** OPERATORS

**2 UNITS**  
**MT TUMBLER**  
**500 MED**

# MT Tumbler 500 MED

## Full System

The design of the MT Tumbler 500 allows it to be joined in series. Adding entry and exit belts and the rail, you will obtain a complete, fully automated production system.

### Benefits:

- ✓ The rails allow you to apply the necessary inclination and to join the MT Tumbler 500 MED500 in series to increase production.
- ✓ Adding the input belt will increase production up to 30%.
- ✓ Adding the exit belt will allow you to perform thorough quality control.



CONVEYOR IN

**+30%**  
PRODUCTION



# MT Tumbler 500 MED

## Full System

### COMPONENTS

#### Trim Filter Aspirator

The MT Tumbler 500 MED requires an aspirator not included in the purchase. Master Products offers you the Trim Filter aspirator with cyclone filter.



- Innovative cyclonic separator.
- Powerful 2250 W / 3 CV suction motor.
- Noise level 79 dB.
- Easy to install.
- The cyclonic filter avoids the leaves from passing through the turbine.
- Turbine maintenance is reduced by 90% thanks to its cyclone filter.
- Leaves in perfect condition, preserving all their properties for other uses.
- Suitable for installations with cGMP requirements. The various components of the powerful aspirator also have a food certificate.



#### MT Tumbler 500MED rails

The rails allow you to apply the necessary inclination and to join two units of MT Tumbler 500 MED. Master Products offers three types of rails that adapt to the trimmer and your needs:

##### OPTION 1

Double steel rail.



##### OPTION 2

Double rail made entirely of stainless steel.



##### OPTION 3

Single rail made entirely of stainless steel.



#### Input and output conveyor belts





## GMP Compliant

The MT Tumbler 500 MED is designed and manufactured to meet the most demanding GMP requirements. Its main characteristics are:

- **Made of stainless steel** without any type of paint. Essential for use in facilities with cGMP requirements.
- All components in contact with the product are certified for food use as well, such as the hardened steel blade.
- Clean design; there are no corners where dirt can accumulate. The materials enable cleaning with pressurized water.
- TIG welding, also called "sanitary welding", without porosity.
- **Ease of disassembly** enables it to be cleaned and disinfected in its entirety.
- Prevents cross-contamination of raw material.
- Serial number laser engraved on each drum to avoid possible drum crossover between machines.
- Ultra-smooth finish without porosity.







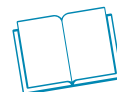
## Technical data

Electric connection	1140 W / 230 V
Trimmer weight	95 kg
Machine dimensions	130 x 70 x 95 cm
Box dimensions	80 x 106 x 114 cm
Number of blades	11
Blade motor power	1100 W / 1,5 CV air-cooled
Blade motor protection	IP66
Barrel motor power	40 W
Barrel motor protection	IP67
Sound level	90 dB
Machine material	Stainless steel
Cuts for second	320
Blade cutting adjustment	Up to 0,0010 mm
Safety System	Yes
Warranty	5 years

## For more information



See the videos on our YouTube channel:  
<https://www.youtube.com/c/MasterProducts>



Ask us for the use and maintenance manual.



Contact us!

\* The images are for reference and may not correspond to the current model.

\* The warranty is for part and component defects, not for inappropriate use of the machine.

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