



# Revolution 2.0 Grinder

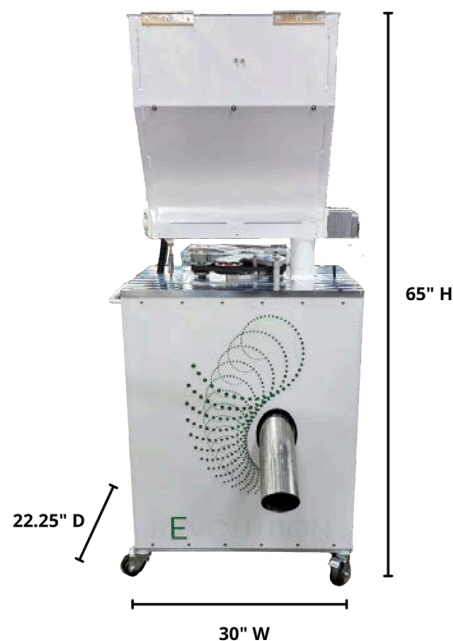
**"The only cannabis grinder proven to preserve terpenes & cannabinoids"**

## Overview

The patented [Revolution 2.0](#) was designed specifically to employ a low heat, low friction approach to grinding to preserve terpenes and cannabinoids. This commercial cannabis grinder delivers the most consistent, homogenous grind, optimal for evenly packed rolls and high-yield extractions. STM customers consistently hail the Rev 2.0 as the best cannabis/hemp grinder on the market.

## Target Market

Any producers who desires a superior, premium grind.



<p><b>Price</b></p>	<p><b>\$22,950</b></p> <p><b>Includes:</b> Revolution 2.0, two particle screens (fine 4mm &amp; course 5mm) (Note: There is an optional superfine screen 3mm)</p>
<p><b>Key Information</b></p>	<p><b>Revolution 2.0 Dimensions:</b> 22.25" L x 30" W x 65" H</p> <p><b>Revolution 2.0</b> Approx. 35lb</p> <p><b>Power:</b> 220v, Full Load Amps 25 <b>Note:</b> Requires L6-30-25 Amp plug)</p>
<p><b>Key Features</b></p>	<ul style="list-style-type: none"> <li>● Can Grind at least 15-35+ LBS Per Hour of Dry Flower.*</li> <li>● Interchangeable Screens - Fine (4mm) &amp; Coarse (5mm).</li> <li>● Scientifically Proven to Minimize Cannabinoid &amp; Terpene Loss.</li> <li>● Custom Dual Blades Cut and Slice like Scissors. Does not Extrude, Whip or Mash.</li> <li>● Homogenous &amp; Consistent Flower Particles Every Time.</li> <li>● Self-Regulating, Closed-Loop System to Prevent Clogs</li> <li>● Auger Timing &amp; Blade Speed Control</li> <li>● Easy Operation, Maintenance and Cleaning</li> <li>● All STM Products are designed and manufactured in the U.S.A.</li> <li>● 1-year Parts &amp; Labor Warranty</li> </ul>
<p><b>Frequently Asked Questions</b></p>	<p><b>How is the Rev 2.0 Scientifically Proven to Minimize Cannabinoid &amp; Terpene Loss?</b></p> <p>A 2021 independent study from Brilliant Health LLC concluded that the STM Revolution 2.0 grinder had an absolute terpene loss of less than 1% at around a 9% moisture level and only a 0.5% terpene loss as a consequence of grinding. There was no significant decarboxylation or other chemical alterations of cannabinoids and terpenes from grinding with the Revolution 2.0. No other grinder on the market is backed by an actual scientific study like the Revolution 2.0.</p> <p><b>How Does the Dual-Blade System Work?</b></p> <p>The Revolution 2.0 uses 2 super sharp custom designed blades in tandem, one S-blade and one 4-way blades, to carefully slice and cut flower like scissors which results in a consistent grind with maximum terpene and cannabinoid preservation.</p> <p><b>What are the Particle Screens for?</b></p> <p>The interchangeable particle screens are used to regulate your grinder particle size from fine (4mm) to coarse (5mm) (and even superfine). Our testing has found that the fine and coarse screens produce most</p>

optimal grind size for the best smokeable pre-rolls. A super fine (3mm) is optional for custom applications.

### **How Does the Self-Regulating, Closed-Loop System to Prevent Clogs?**

The closed loop system was specially designed to regular material moving from the hopper into the blade chamber to reduce or prevent clogging by automatically adjusting the feed rate as well as blade oscillation speeds.

### **What is the Optimal Moisture Level to Grind?**

In our extensive testing we have discovered that under 10% or the 7-10% range is optimal to obtained the best, most consistent grind for pre-rolls. Anything above 10% is too wet, which may not slice consistently (think of a lawnmower trying to cut wet grass) and is possible prone to mold growth.

## **Rev 2.0 vs Competitors**

### **What is the advantage of the Revolution 2.0 over other grinders?**

- The Revolution 2.0 cuts and slices like scissors for a more homogenous and consistent grind. Other grinders whip, mash or extrudes which is not optimal for cannabis terpene preservation. Loss of terpenes = loss of potency and flavor.
- Rev 2 is the only grinder with a self-regulation anti-clogging system.
- Rev 2 is the only grinder which uses a low heat, low friction approach to grinding, again to preserve precious terpenes & cannabinoids.
- Since 2019, STM customers have consistantly praised the Revolution 2.0 as the best grinder on the market.
- The most cost effective premium grinder on the market vs Fritsch, Green Broz, Hefestus and Mobius.
- The **only** premium grinder backed by a scientific study to preserve terpenes and cannabinoids.
- Designed specifically for cannabis and not adapted from other industries.
- All STM Products are designed and manufactured in the U.S.A.

\* Throughput can vary depending on product, strain, moisture level etc. The Revolution 2.0 uses low friction, low temperature grinding to preserve terpenes and cannabinoids.