



2026 THE PRE-ROLL EQUIPMENT BUYER'S GUIDE

How to choose the right machine
for your volume, budget,
and growth stage

INCLUDES:

- ✓ Real prices
- ✓ ROI calculations
- ✓ Competitor comparisons
- ✓ Step-by-step machine selector



EQUIPMENT
COMPARISONS



2026 MARKET
DATA



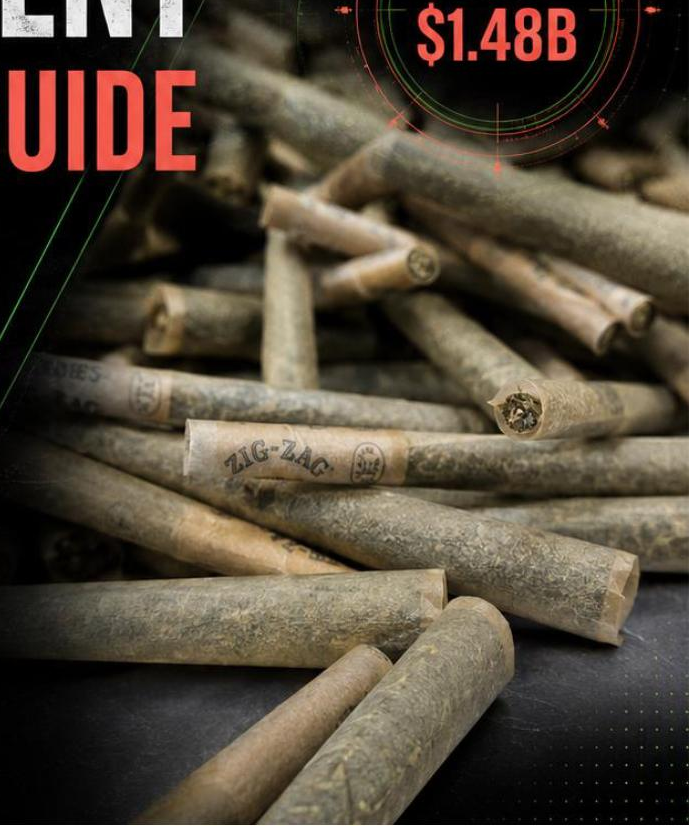
EXPERT
GUIDANCE

PRE-ROLL MARKET DATA 2026 CATEGORY GROWTH OVERVIEW



Source: Headset.io | Data as of May 2026

2026 PRE-ROLL
MARKET SIZE
\$1.48B



Section 2: What Your Current Process Is Really Costing You

Most producers underestimate the true cost of hand-packing because labor costs are spread across wages, lost product from inconsistent fills, and rework time. This section gives you the actual numbers so you can compare them against machine costs.

Hand-Packing Labor Cost Calculator

Use your own numbers to fill in this table. Reference costs are based on an \$18/hr cannabis production wage, 8-hour shift.

Hand-Packing Cost Reference (Per Operator)	
Daily output per hand-packer	500-800 joints/day
Hourly rate	\$18/hr (cannabis production average)
Cost per operator per year	\$28,800 - \$40,000
Inconsistency variance	+/- 0.2g per joint typical
Lost product at 0.15g variance (10K joints/day)	Approximately 3.3 lbs of flower per week
Flower waste cost (\$500/lb wholesale)	\$85,800/yr in flower loss alone

Hand-Closing Labor Cost (Dutch Crown)

Closing pre-rolls by hand is the most common production bottleneck. One closer can finish approximately 1 joint every 10 seconds under ideal conditions.

Manual Closing Cost Reference	
Manual rate (ideal conditions)	~360 closings/hr per person
At 5,000 joints/day (8-hr shift)	2 dedicated closers required
Annual labor cost (2 closers at \$20/hr)	\$83,200/yr
Quality consistency	Variable. Dutch Crown quality depends on operator fatigue.
At 10,000 joints/day	3-4 closers. \$124,800 - \$166,400/yr in closing labor alone.

The Full Picture:

A producer running 5,000 pre-rolls per day with 2 hand-packers and 2 hand-closers is spending \$115,000 to \$160,000 per year in labor for those four tasks alone. The MRB + ATC bundle that handles both costs \$29,995. The average payback period is 3 to 6 months.

The Hidden Costs That Don't Show Up in Wages

- **Rejects and rework.** Inconsistent fill weight means failed QC checks and retailer complaints.
- **Compliance risk.** Variable weight pre-rolls in regulated markets trigger lab re-testing and potential holds.
- **Scale ceiling.** A hand-packing operation cannot reliably double output without doubling headcount.
- **Operator turnover.** Pre-roll packing is repetitive. Turnover in production roles is high, and each new hire requires 1-2 weeks before reaching full speed.



Section 3: Understanding the Pre-Roll Production Workflow

Most buyers focus on the filling machine and overlook the fact that filling is one step in a 6-step process. Choosing a machine without understanding the full workflow leads to bottlenecks at whichever step you did not automate.

The 6 Stages of Pre-Roll Production

Stage	What Happens	Equipment Options	Bottleneck Risk if Manual
1. Grind	Flower is ground to consistent particle size for even fill	Revolution 2.0, Mini Revolution	Inconsistent bulk density causes fill weight variance
2. Load	Ground flower is loaded into the filling tray with cones	Cone Lander 2.0 (load module)	Slow loading wastes machine cycle time
3. Pack / Fill	Machine fills cones to target weight	Mini RocketBox+, RocketBox 2.0, RocketBox Pro, RollCraft MRB	This is where most capacity constraints live
4. Weigh	Filled joints are weighed and sorted to spec	LaunchPad Scale	Without this, non-compliant weights ship to retail
5. Close	Paper end is folded into Dutch Crown	Atomic Closer, RollCraft ATC, Futurola Dutch Crown Device (manual)	Closing is the #1 finishing bottleneck for mid-volume producers
6. Infuse	Extract is added for infused pre-rolls	Astro Infuser 2.0	Only needed for infused SKUs. Adds significant value per unit.

Key Insight - The One-Tray Workflow:

STM Canna engineered the One-Tray Workflow so that the same 72-joint tray moves from the Cone Lander 2.0 through filling, weighing, and closing without transferring joints between trays. This eliminates the handling damage and position errors that happen when joints are moved between stations. The Mini RocketBox+ and RocketBox Pro are both One-Tray compatible. The RocketBox 2.0 uses its own 453-joint tray and is not part of the One-Tray system.

A Common Mistake: Buying a Filler Without Planning for Closing

The most frequent gap we see from new buyers: they buy a high-output filling machine and then spend the next three months trying to keep up with closing volume manually. If your filling machine can produce 10,000 joints per day and your closing team can finish 3,000, your effective daily output is 3,000.

Plan your full line before purchasing any single machine. The questions to answer:

- What is my target daily volume?
- What cone size or sizes am I running?
- Do I need Dutch Crown closing, or a twist finish? Dutch Crown burns better, has less chance of canoeing, and looks more professional.

- Am I running infused pre-rolls or planning to?
- What is my grind situation? Am I sourcing pre-ground or grinding in-house?



Section 4: The Machine Selector - Which System Is Right for You?

Use your target daily volume as the primary filter. Budget and workflow requirements narrow the choice further.

Step 1 - Identify Your Production Tier

Your Daily Volume Target	Your Tier	Recommended Brand	Starting Price
Under 1,000/day	Getting Started	RollCraft MRB	\$3,500
1,000 - 5,000/day	Craft Producer	RollCraft MRB	\$3,500
5,000 - 10,000/day	Craft to Mid-Market	RollCraft MRB or STM Mini RocketBox+	\$3,500 - \$6,600
10,000 - 20,000/day	Mid-Market	STM RocketBox 2.0	\$24,950 (\$15,500 special)
20,000 - 40,000+/day	High-Volume / Co-Packer	STM RocketBox Pro	\$59,950+

Step 2 - STM vs. RollCraft: Which Brand Is Right for You?

Both brands are made by STM Canna in Spokane, WA. They are not competitors. They serve different production scales.

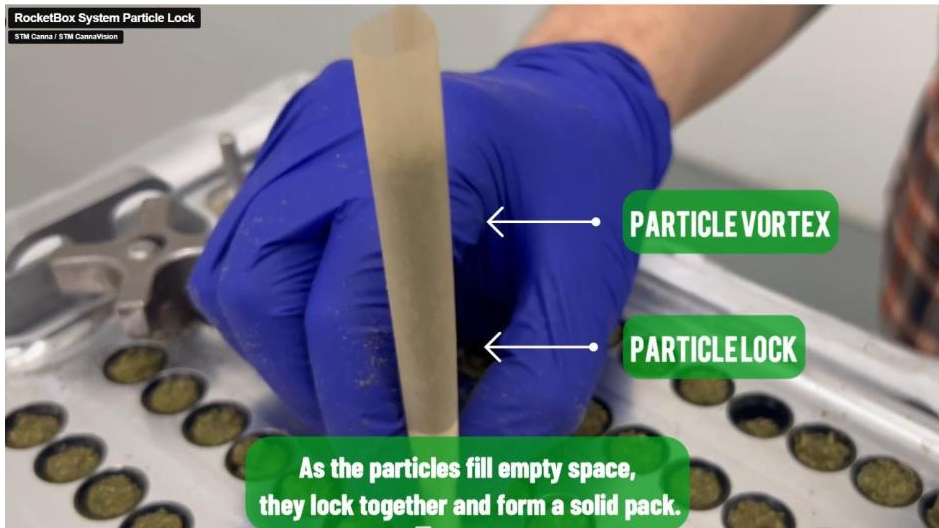
	RollCraft	STM Canna
Best For	Craft producers, small dispensaries, startups	Mid-market to enterprise cannabis producers
Daily Volume	Up to 10,000/day	10,000 to 40,000+/day
Budget Range	\$3,500 - \$29,995	\$6,600 to \$65,000+
Full Line Available?	MRB (fill) + ATC (close)	Full modular ecosystem: grind, load, fill, weigh, close, infuse
One-Tray Compatible?	ATC uses same 72-joint tray	Mini RocketBox+ and RocketBox Pro are One-Tray compatible
Fill Technology	Particle Lock Vibration	Particle Lock Vibration
Financing	Financing and payment options available	Financing and payment options available
Made in USA?	Yes - Spokane, WA	Yes - Spokane, WA

How Particle Lock Technology Works

Every STM RocketBox and the RollCraft MRB are powered by the same proprietary fill technology: [Particle Lock Vibration](#).

As each pre-roll fills, Particle Lock creates a controlled swirling vortex that allows material to naturally settle into place, like Tetris pieces finding their perfect fit. Every particle is guided into the optimal position, eliminating gaps, soft spots, and inconsistencies.

The result is a uniformly packed pre-roll with exceptional density, consistency, and draw performance, delivering a higher-quality product every time.



Step 3 - Filling Machine Comparison (All Brands)

Machine	Price	Output	Fill Method	Pre-Weigh?	Cone Sizes	Made In
RollCraft MRB	\$3,500	Up to 10,000/day	Particle Lock Vibration	No	70, 84, 98, 109mm	USA
STM Mini RocketBox+	\$6,600	Up to 10,000/day	Particle Lock Vibration	No	70, 84, 98, 109mm + custom	USA
STM RocketBox 2.0	\$24,950 (\$15,500 special)	Up to 20,000/day (453 per cycle)	Particle Lock Vibration, smart density	No	70, 84, 98, 109mm	USA
STM RocketBox Pro	\$59,950	Up to 40,000/day (5 stations)	Particle Lock Vibration, smart density	No	70, 84, 98, 109mm + custom	USA
Futurola Knockbox 100	~\$5,400	Operator dependent	Gravity + manual slat pull	Yes	84, 98, 109mm	Netherlands
King Kone	~\$2,000	Operator dependent	Vibration, manual	Yes	84, 98, 109mm	Unknown

Note on RocketBox 2.0 cone sizes: the RocketBox 2.0 runs 84mm, 98mm, and 109mm out of the box, and also runs the 70mm format with an adapter plate.



Step 4 - Closing Machine Comparison

Machine	Price	Output	Close Type	Made In
RollCraft ATC	\$24,995	72 joints under 60 sec / 2,100/hr	Dutch Crown - Automated, 1 operator	USA
STM Atomic Closer 2026	\$59,995	72 joints in 28 sec / up to 4,250/hr	Dutch Crown - Automated, 1 operator	USA
Futurola Dutch Crown Device	~\$1,750 - \$1,950	Manual tray tool, operator dependent	Dutch Crown - Manual	Netherlands
King Kone Closer	~\$2,000	Manual device, operator dependent	Varies - Manual	Unknown

On Competitor Pricing:

Futurola and King Kone manual devices cost less upfront. They are not automation. They are tools. An operator using a Futurola Dutch Crown Device can close approximately 200-360 joints per hour. The RollCraft ATC closes at 2,100 per hour. At 5,000 joints per day, the labor cost difference pays for the ATC in under 4 months.



Section 5: Product Deep Dives

Specifications, ideal use case, and key decision factors for each machine in the STM and RollCraft ecosystem.

[RollCraft MRB](#) - Pre-Roll Filling Machine

RollCraft MRB - Pre-Roll Filling Machine Specifications	
Price	\$3,500
Output	Up to 10,000 joints per day
Operators Required	1
Fill Technology	Particle Lock Vibration
Tray Options	72-joint and 143-joint trays
Cone Sizes	70mm, 84mm, 98mm, 109mm
Pre-Weighing Required?	No
Dimensions / Weight	26 lbs 14" x 10" x 17" Aluminum + steel
Power	110V / 220V
Warranty	6 months
Made In	Spokane, WA - USA
Financing	Financing and payment options available

[RollCraft ATC](#) - Automated Dutch Crown Closing Machine

RollCraft ATC - Automated Dutch Crown Closing Machine Specifications	
Price	\$24,995
Output	72 joints per cycle in under 60 seconds / up to 2,100/hr
Operators Required	1
Close Type	Automated Dutch Crown fold
Cone Sizes	70mm, 84mm, 98mm, 109mm
Air Compressor Required?	Yes - small compressor (not included)
Dimensions	Tabletop / compact footprint Aluminum + steel
Power	110V / 220V
Warranty	6 months
Made In	Spokane, WA - USA

RollCraft ATC - Automated Dutch Crown Closing Machine Specifications	
Financing	Financing and payment options available

RollCraft MRB + ATC Bundle

RollCraft MRB + ATC Bundle Specifications	
Bundle Price	\$29,995 (saves \$500 vs. purchasing separately)
Output	Up to 10,000 filled and closed joints per day
Operators Required	1-2
Full Dutch Crown Line?	Yes - MRB fills, ATC closes
Cone Sizes	70mm, 84mm, 98mm, 109mm
Warranty	6 months on both machines
Financing	Financing and payment options available
Average ROI	3-6 months at 5,000 joints/day



STM Mini RocketBox+ (Agile Starter)

STM Mini RocketBox+ (Agile Starter) Specifications	
Price	\$6,600
Output	Up to 1,250/hr / 10,000/day
Operators Required	2-3 (with minimum 3 trays recommended)
Fill Technology	Particle Lock Vibration
Tray Sizes	72-joint and 143-joint
Cone Sizes	70mm, 84mm, 98mm, 109mm + custom
One-Tray Workflow Compatible?	Yes
Pre-Weighing Required?	No
Dimensions	14" x 10" x 17"
Warranty	1 year
Made In	Spokane, WA - USA

STM RocketBox 2.0 (Bulk Workhorse)

STM RocketBox 2.0 (Bulk Workhorse) Specifications	
Price	\$24,950 (Special price: \$15,500 - limited time)
Output	453 joints per cycle / up to 2,500/hr / 20,000+/day
Operators Required	3-4 (with minimum 3 trays recommended)
Fill Technology	Particle Lock Vibration, smart density
Tray	453-joint (not One-Tray compatible)
Cone Sizes	84mm, 98mm, 109mm (70mm with adapter plate)
Smart Density Software?	Yes - adjusts fill in real time
Built-In Training Mode?	Yes
Dimensions	30" W x 22" D x 65" H
Warranty	1 year
Made In	Spokane, WA - USA

[STM RocketBox Pro](#) (Enterprise Factory)

STM RocketBox Pro (Enterprise Factory) Specifications	
Price	\$59,950
Output	Up to 5,000/hr / 40,000/day (requires second Atomic Closer for full 40K)
Operators Required	4+ (with minimum 3 trays recommended)
Fill Technology	Particle Lock Vibration, smart density
Stations	5 independent stations - zero downtime between cycles
Cone Sizes	70mm, 84mm, 98mm, 109mm + custom
One-Tray Workflow Compatible?	Yes
Multi-Strain?	Yes - run multiple strains and sizes at once
Auto Mode?	Yes - custom timers, set-and-forget operation
Dimensions	37" x 22" x 62"
Warranty	1 year
Made In	Spokane, WA - USA

[STM Atomic Closer 2026](#) - High-Volume Dutch Crown

STM Atomic Closer 2026 - High-Volume Dutch Crown Specifications	
Price	\$59,995
Output	72 joints in 28 seconds / up to 4,250/hr
Close Type	Dutch Crown fold
Cone Sizes	70mm, 84mm, 98mm, 109mm + custom
Control	Touch screen
One-Tray Workflow Compatible?	Yes
Dimensions	32" L x 18" W x 33" H
Warranty	1 year
Made In	Spokane, WA - USA

Real-World Result: Lion Labs, a Michigan Cannabis Cup winner, runs 8,000 to 10,000 infused pre-rolls per day with 2x Mini RocketBox+ and 1 Atomic Closer.

STM Revolution 2.0 - Commercial Cannabis Grinder

Best for: Any operation grinding their own flower in-house. Inconsistent grind is one of the most common causes of fill weight variance. Bulk density of ground flower directly affects fill accuracy. The Revolution 2.0 delivers a consistent commercial grind that preserves terpenes and cannabinoids and pairs with any RocketBox or RollCraft MRB. Made in Spokane, WA - USA.

STM Cone Lander 2.0 - Loading Module

Part of the One-Tray Workflow. Loads cones into trays at the start of each cycle, reducing handling time and positioning errors. The 2.0 adds a linear actuator drive and smart positioning sensors for more accurate, reliable loading, plus automatic crutch detection for faster, hands-off setup.

STM LaunchPad Scale - Pre-Roll Weighing Module

Part of the One-Tray Workflow. Weighs filled joints before closing. Catches out-of-spec fills before they move to the closing stage, preventing product waste and compliance failures.

STM Astro Infuser 2.0 - Infusion Module

For operations running infused pre-rolls (currently 44% of the total pre-roll market, per the Custom Cones USA 2026 Market Report). Adds infusion capability to the One-Tray Workflow without requiring separate handling. Pair with the RocketBox Pro or Mini RocketBox+ for a complete infused pre-roll line.



Section 6: ROI Calculations by Production Scenario

These calculations use documented labor costs and machine prices. Your actual numbers will vary based on wage rates, shifts, and product mix. Use them as a starting point, not a guarantee.

Scenario A - 1 Operator, 5,000 Joints/Day Target (RollCraft MRB)

Current method	2 hand-packers at \$18/hr, 8-hour shift
Current annual labor cost (filling only)	\$57,600 - \$74,880/yr
MRB machine cost	\$3,500
MRB annual output at 5,000/day (250 days)	1.25 million joints/yr with 1 operator
Annual labor savings vs. 2 hand-packers	\$28,800 - \$40,000/yr (1 fewer operator)
Payback period	6 to 10 weeks

Scenario B - MRB + ATC Bundle at 5,000 Joints/Day

Current method	2 hand-packers + 2 hand-closers at \$18-\$20/hr
Current annual labor cost (fill + close)	\$115,000 - \$160,000/yr
Bundle price	\$29,995
Post-automation operators required	1-2 (down from 4)
Annual labor savings (2 fewer operators at \$40K/yr avg)	\$80,000/yr
Payback period	4.5 months
Year 1 net benefit after machine cost	\$50,000+

Scenario C - ATC Only at 5,000 Joints/Day

Current method	2 dedicated hand-closers at \$20/hr
Current annual closing labor cost	\$83,200/yr
ATC machine cost	\$24,995
ATC output	2,100 joints/hr - replaces both closers
Operators required post-ATC	1 (to load and monitor)
Annual labor savings	\$41,600/yr (1 fewer closer)
Payback period	~7 months at 5,000/day

Scenario D - 20,000+ Joints/Day Target (RocketBox Pro + Atomic Closer)

Machine investment	RocketBox Pro (\$59,950) + Atomic Closer (\$59,995) = \$119,945
Output	Up to 20,000 closed, Dutch Crown pre-rolls per day with one Atomic Closer
Operators required	4-5 total for the full line
vs. hand-packing equivalent at 20,000/day	8-12 operators minimum
Annual labor savings (7 fewer operators at \$40K avg)	\$280,000/yr
Payback period	Under 6 months

Financing Note:

All STM Canna and RollCraft machines are available with financing and payment options. For qualified buyers, this converts a \$29,995 bundle into monthly payments that are often lower than the monthly labor cost being replaced. Ask about financing and payment options when requesting a quote.

Section 7: The Questions to Ask Before You Buy Anything

These are the questions a qualified sales conversation should answer. If a vendor cannot answer these specifically for your operation, you do not have enough information to make a purchase decision.

About Your Operation

- What is my current daily output now, and where do I want to be in 12 months?
- What cone sizes am I running? Will that change?
- Do I grind in-house or source pre-ground? If in-house, what is my grinder situation?
- Do I run infused pre-rolls, or is that in my roadmap?
- How many operators do I have available per shift for pre-roll production?
- What is my facility footprint? Do I have 110V or 220V power available?

About the Machine

- Is the output number (joints per day) based on an 8-hour single shift? What assumptions does it include?
- What does the operator workflow look like cycle by cycle? How many people does it require to hit the stated output?
- What is the warranty, and what does it cover? Parts only, or labor too?
- What is the lead time from order to delivery?
- Is this machine compatible with my cone sizes?
- If I want to add closing capability later, how does that integrate?

About Support and Longevity

- Where is the machine manufactured? Where is the support team based?
- What happens if a part breaks? What is the typical repair timeline?
- Are replacement parts available domestically?
- Is there a training mode or onboarding support included?

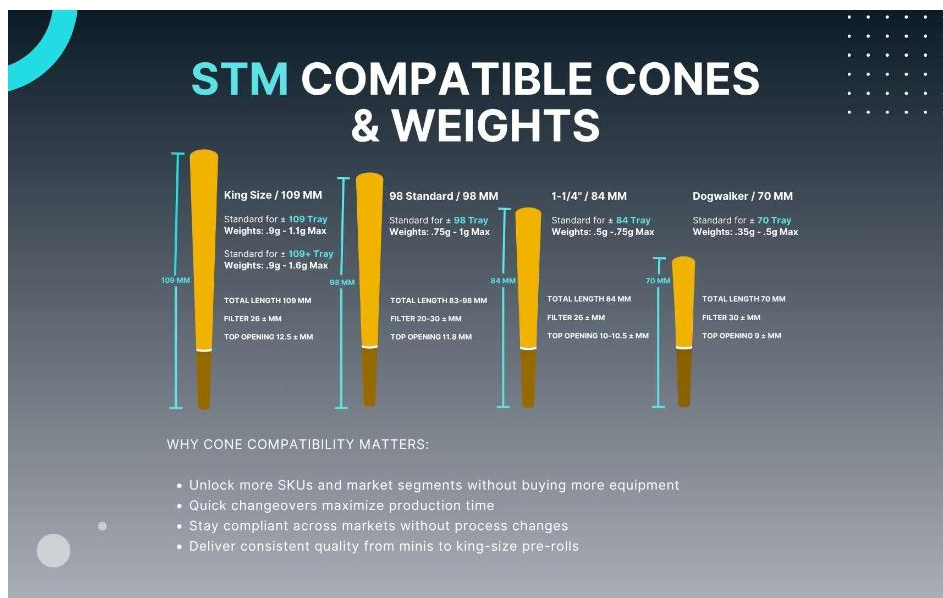
STM Canna's answer on support: US-based support team in Spokane, WA. Machines are manufactured in-house, not assembled from offshore components. Parts are stocked domestically. The RocketBox 2.0 includes built-in training mode with video tutorials.

Section 8: Cone Size Reference Guide

Cone size compatibility is a purchase filter that gets overlooked until after delivery. Confirm your cone sizes before finalizing any machine selection.

Cone Name	Total Length	Fill Range	Filter	Top Opening	STM Tray
King Size / 109mm	109mm	~1g (0.8-1.2g)	26mm	12.5mm	109MM
98 Standard / 98mm	83-98mm	~0.75g (0.5-0.7g)	20-30mm	11.8mm	98MM
1-1/4 / 84mm	84mm	~0.5g	26mm	10-10.5mm	84MM
Dogwalker / 70mm	70mm	~0.35g (0.25-0.5g)	30mm	9mm	Dogwalker

Operator note: Fill weight can be adjusted within the stated ranges by modifying the Top Tray height, grind size, bulk density, or machine cycle time. STM machines are optimized for 70mm, 84mm, 98mm, and 109mm standard sizes. Custom and non-standard sizes may require additional tuning time at setup.



Section 9: Next Steps and How to Buy

How STM Canna Sells

STM uses a consultative, no-pressure sales process. We only sell you what you need, and we will not oversell you on equipment your operation does not require. Our goal is to match you to the right line for your volume, budget, and growth stage, even if that means a smaller machine than you expected.

We also offer creative financing, layaway, and other payment options to help you get started without paying everything up front. Inquire within for terms that fit your budget.

RollCraft Buyers

Most craft producers can evaluate, decide, and order within two weeks of initial contact.
Contact: rollcraft@stmcanna.com | (509) 204-3164 | rollcraft.co

STM Canna Buyers

The process includes at minimum one discovery call and one proposal review before purchase. WE only sell you what you need and we don't waste your time. Contact:
support@stmcanna.com | (509) 204-3164 | stmcanna.com

50% of the top 20 U.S. pre-roll brands run STM equipment. Over 1 billion pre-rolls have been produced on STM technology across 44 states and 14+ countries. STM Canna has been manufacturing cannabis equipment for over 6 years, with 20 years of manufacturing expertise behind the Spokane operation.

Ready to Talk?

The fastest way to get a recommendation specific to your operation is to request a free quote. You will get a response with specific machine recommendations, pricing, and lead times, typically within a few hours on business days.

GET YOUR FREE QUOTE

stmcanina.com | support@stmcanina.com | 509-204-3164

2701 North Van Marter Road, Spokane Valley, WA 99206

Made in USA. US-based support. Lead times will vary. Contact us to inquire.