

A monochromatic blue-toned photograph showing a cannabis plant being processed by a trimmer. The trimmer's metal shaft and cutting head are visible, positioned to trim the plant. The background is a metallic surface with some screws.

MBX
BUCKER

BUYER'S GUIDE 2022

MOBIUSTRIMMER.COM

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WELCOME TO THE BUCKER BUYER'S GUIDE

INTRO

Choosing the best cannabis and hemp buckler for your cultivation operation is critically important. The wrong buckler can slow your harvesting process, damage your product, and waste time and money. Choosing the right buckler will drive efficiency, reduce labor costs, and contribute to a higher-quality, more consistent end product.

We created the Complete Cannabis and Hemp Buckler's Buyer's Guide to arm you with all the information you need to make an informed purchasing decision for your operation. This guide has now been updated for 2022.

You'll find basic criteria to help you compare the various models, manufacturers, and KPIs of each cannabis and hemp buckler on the market.

Prefer to just look at the high-level numbers? Jump right to our Buckler Comparison Table that includes all major cannabis and hemp buckler models available in 2022.

We released the original guide in 2020, but since then the industry has continued to change and develop rapidly. We've made these updates to ensure you can make an educated decision about your machine purchase.

SECTION 1

PRODUCT FEED RATE

The first thing to consider when purchasing a buckler is the feed rate: How fast the buckler processes the plant material.

The amount of plant material you can process per hour should be at the top of your list. But with that being said, a buckler's feed rate is more dependent on workflow, clogging, and personnel than it is on the machine. That being said, a buckler's feed rate is more dependent on workflow, clogging and personnel than it is on the machine. Most bucklers can work as quickly as the operator, but it's important to find a machine that can process very slowly for dry bucking (or more sensitive strains), and can also process at consistent higher speeds for wet bucking larger outdoor stocks. You also need to consider the feed rate of your trimming equipment, and try to match that speed with your bucking process. You don't need a bucking system to absolutely blasts through your entire harvest in 1 hour, only to have the plant material sit in bins for 10 hours while a low-volume trimmer *chips away at the product.*

Selecting The Correct Bucker For You

- 1 Opt for a buckler that can process your estimated harvest size easily.
- 2 Match your bucking feed rate to your trimming feed rate.
- 3 If you have a large trimming capacity (for example, Mobius M108S Trimmer users) consider multiple buckler units.
- 4 Choose a buckler that has a variable processing speed for workflow flexibility.



SECTION 2

WASTE HANDLING

Waste material (stems) can be problematic to move and dispose of after bucking. They pile up quickly and are difficult to condense into manageable bundles. Some large-scale processors use a stem chipper alongside their buckler. A stem chipper does exactly what you'd imagine; it breaks the long stems up into small pieces. *We recommend choosing a hemp and cannabis buckler that has an integrated stem chipper.*

Need To Know

- 1 Remember one bag of chipped stems is roughly equivalent to 25 bags of un-chipped material.
- 2 The Mobius MBX Buckler is the only cannabis and hemp buckler on the market that has an integrated stem-chipper.



SECTION 3

HEALTH & SAFETY

Protect your staff (and your business) by choosing a cannabis and hemp bucker that has safety guarding.

The health and safety of harvesting staff is important, and buckers can be dangerous without proper safety features built-in to their design. Look for a bucker that is compliant with CSA or OSHA standards; that means it must have guarding that keeps hands and fingers away from anything dangerous, as well as protects users from getting loose clothing pulled into the machine.



SECTION 4

INTERCHANGEABLE DIE PLATE

A die plate on a hemp and cannabis buckler is the steel plate that attaches to the front of the machine to support the bud and leaf as the stem is pulled away. It also acts as a barrier between the feed rolls and the operator. Most die plates feature a series of holes ranging in size to accommodate different size stems. To achieve the best buck with the least damage, it is important to feed the stem through the smallest available hole possible. This ensures a clean buck with the least bud deformation. Not all die plates work for all stem sizes or plant characteristics, which is why it's important to be able to change the feed plate for further customization of your buckler to your workflow.

Need To Know

- 1 Keep several different sizes of feed plates on hand to better customize your buckler to each batch or harvest.
- 2 Always keep a backup die plate for critical redundancy.
- 3 Consider a die plate with more hole sizes to ensure a tight fit of each stem.
- 4 Some die plates are made specially for deploying two operators to a single buckler.





SECTION 5

PRODUCT FLOW

Your cannabis and hemp bucker removes the flowers from the stems. Then what? Many buckers simply allow the flowers to fall straight down. In this case, you need a large, wide tote underneath to catch the product, and it can create a mess because of the distance the material falls. We recommend choosing a cannabis and hemp bucker that has a front panel funnel to help direct your product to the right place. If you're considering using conveyors in your product flow, having a front panel funnel is essential to direct the product cleanly onto the conveyor. *It will also contribute to a cleaner work environment and reduce product loss from spills.*

Need To Know

- 1 Front panel funnels are required if you plan to use conveyors.
- 2 A front panel funnel can reduce production loss.
- 3 Some die plates are made specially for deploying two operators a single bucker.

SECTION 6

INDOOR vs. OUTDOOR USE

Will you be using your cannabis and hemp buckler primarily indoors, outdoors? Or both? Or both? If you're going to be using the buckler outdoors, it's important it has wheels that will allow you to roll easily across the outdoor terrain, whether that be muddy, bumpy, or rocky. If you'll be bucking primarily indoors, you want large castors *that will move smoothly across concrete floors.*

Need To Know

- 1 Consider a buckler that has an option for different wheel/tire types to match your use environment

SECTION 7

CLEANING & GMP

Cannabis and hemp processing equipment gets dirty and sticky and needs to be cleaned between batches. That's why it's important that the cannabis and hemp buckler you choose is easy to assemble and disassemble. *Quick and easy cleaning also means the buckler is more likely to fit into a GMP-compliant workflow.*

Need To Know

- 1 Look for a buckler that can be disassembled with as few tools as possible.
- 2 Stainless steel construction is important for durability and easy cleaning.

SECTION 8

TOP BUCKERS COMPARISON TABLE

MACHINE	MACHINE CONSTRUCTIONS	FACEPLATE CONSTRUCTION	FRAME INCLUDED	FRAME CONSTRUCTION	FEED ROLL MATERIAL	VARIABLE SPEED
MOBIUS MBX BUCKER	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	YES	STAINLESS STEEL	CAST URETHANE	YES
TRIMINATOR BUCKMASTER	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	YES	MILD STEEL	RUBBER	YES
TRIMINATOR BUCKMASTER PRO	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	YES	MILD STEEL	RUBBER	YES
MUNCH MACHINE MOTHER BUCKER	MILD STEEL	STAINLESS STEEL	YES	MILD STEEL	NEOPRENE	YES
MUNCH MACHINE DOUBLE BUCKER	MILD STEEL	STAINLESS STEEL	YES	MILD STEEL	NEOPRENE	YES
CENTURION PRO HP1	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	ADD \$1,895 USD	MILD STEEL	RUBBER	YES
CENTURION PRO HP3	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	YES	MILD STEEL	RUBBER	YES
CENTURION PRO GC1	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	ADD \$1,895 USD	MILD STEEL	N/A	NO
CENTURION PRO GC3	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	YES	MILD STEEL	N/A	NO

CSA & OSHA Guarding Compliant	Integrated Stalk Chipper	Feed Roller HP	Indoor Wheel	Outdoor wheel	Advertised THroughput (WET)	MSRP (USD)	Crating & Freight
YES	YES	1/2 HP	YES	OPTION	150 LBS/HR	\$22,400	INCLUDED
NO	NO	1 HP	OPTION	YES	150 LBS/HR	\$12,995	INCLUDED
NO	NO	1 HP	OPTION	YES	300 LBS/HR	\$19,995	INCLUDED
NO	NO	1/2 HP	YES	OPTION	150 LBS/HR	\$19,900	EXTRA
NO	NO	1/2 HP	YES	OPTION	300 LBS/HR	\$35,900	EXTRA
NO	NO	3/4 HP	INCLUDED WITH FRAME OPTION	\$399 MSRP	175 LBS/HR	\$12,495	INCLUDED
NO	NO	3/4 HP	YES	NO	500 LBS/HR	\$24,995	INCLUDED
NO	YES	1/4 HP	INCLUDED WITH FRAME OPTION	\$399 MSRP	40 LBS/HR	\$5,276	INCLUDED
NO	YES	1/4HP	YES	NO	120 LBS/HR	\$13,196	INCLUDED

SECTION 8

TOP BUCKERS COMPARISON TABLE

MACHINE	MACHINE CONSTRUCTIONS	FACEPLATE CONSTRUCTION	FRAME INCLUDED	FRAME CONSTRUCTION	FEED ROLL MATERIAL	VARIABLE SPEED
TWISTER B4	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	ADD \$2,000 USD	MILD STEEL	NEOPRENE RUBBER	YES
TRIMPRO THE BUCKER	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	YES	MILD STEEL	RUBBER	YES
EZTRIM EXPREP BUCKER	6061 ALUMINUM/ STAINLESS STEEL	STAINLESS STEEL	ADD \$1,000 USD	6061 ALUMINUM	SILICONE	YES
GREENRIDGE HARVESTING BLACK BEAR II	STAINLESS STEEL	STAINLESS STEEL	YES	MILD STEEL	NOT AVAILABLE	YES
MASTER BUCKER MB BUCKER 500	STAINLESS STEEL	STAINLESS STEEL	YES	STAINLESS STEEL	NOT AVAILABLE	YES
BUDTENDER BUCKER	MILD STEEL	MILD STEEL	YES	MILD STEEL	NOT AVAILABLE	YES
TRIMWORKZ ULTIMATE BUD BUCKER MACHINE	STAINLESS STEEL	STAINLESS STEEL	YES	STAINLESS STEEL	RUBBER	YES
TRIMWORKZ ULTIMATE BUD MACHINE BUCKER XL	STAINLESS STEEL	STAINLESS STEEL	YES	STAINLESS STEEL	RUBBER	YES

CSA & OSHA Guarding Compliant	Integrated Stalk Chipper	Feed Roller HP	Indoor Wheel	Outdoor wheel	Advertised Throughput (WET)	MSRP (USD)	Crating & Freight
NO	NO	1 HP	YES	NO	150 LBS/HR	\$21,911	INCLUDED
NO	NO	NOT AVAILABLE	NO	NO	NOT AVAILABLE	\$4,950	EXTRA
NO	NO	1/3 HP	INCLUDED WITH FRAME OPTION	ADD \$2,000	1 PLANT / 1-5 MINUTES	\$7,000	EXTRA
NO	NO	1/2 HP	NO	NO	75 LBS/HR	\$8,750	INCLUDED
NO	NO	1 HP	NO	YES	143 LBS/HR	NOT AVAILABLE IN NORTH AMERICA	
NO	NO	1 HP	YES	NO	NOT AVAILABLE	\$14,500	EXTRA
NO	NO	NOT AVAILABLE	YES	NO	250-300 LBS/HR	\$13,050	EXTRA
NO	NO	NOT AVAILABLE	YES	NO	500-600 LBS/HR	\$22,500	EXTRA

SECTION 8

TOP BUCKERS COMPARISON TABLE

MACHINE	MACHINE CONSTRUCTIONS	FACEPLATE CONSTRUCTION	FRAME INCLUDED	FRAME CONSTRUCTION	FEED ROLL MATERIAL	VARIABLE SPEED
OX BOX BUCKING MACHINE	6061 ALUMINUM	STAINLESS STEEL	YES	MILD STEEL	RUBBER	YES
VZ-TEC EASY BUCKER VZ1000	POWDER-COATED STEEL	POWDER-COATED STEEL	YES	POWDER-COATED STEEL	POLY BRUSHES	YES
VZ-TEC EASY BUCKER VZ500	POWDER-COATED STEEL	POWDER-COATED STEEL	YES	POWDER-COATED STEEL	POLY BRUSHES	YES
HORIZON HARVESTING BOULDER 2019	304 STAINLESS STEEL	304 STAINLESS STEEL	NO	N/A	ALL STEEL TRACTION	NO
LOCUST INDUSTRIAL VD-1480 BUCKING MACHINE	POWDER-COATED STAINLESS STEEL	POWDER-COATED STAINLESS STEEL	YES	POWDER-COATED STAINLESS STEEL	STEEL	YES

CSA & OSHA Guarding Compliant	Integrated Stalk Chipper	Feed Roller HP	Indoor Wheel	Outdoor wheel	Advertised THroughput (WET)	MSRP (USD)	Crating & Freight
NO	NO	3/4 HP	YES	NO	90 LBS/HR	\$11,000	INCLUDED
NO	NO	2 X 1 HP	YES	NO	1000 LB/HR (DRY)	\$26,500	INCLUDED
NO	NO	2 X 1 HP	NO	NO	500 LB/HR (DRY)	\$22,000	INCLUDED
NO	NO	NOT AVAILABLE	NO	NO	160 LBS/HR PER/IRIS	\$17,000	INCLUDED
NO	NO	4 HP	YES	OPTIONAL	200 LBS/HR	\$19,500	INCLUDED



When you choose the best cannabis and hemp buckler for your cultivation facility you are making an investment in the efficiency of your operations. It's important to choose one that is going to not just fit in your current workflow, but improve it.

If you have questions about cannabis and hemp bucklers, please don't hesitate to contact us at Mobius.