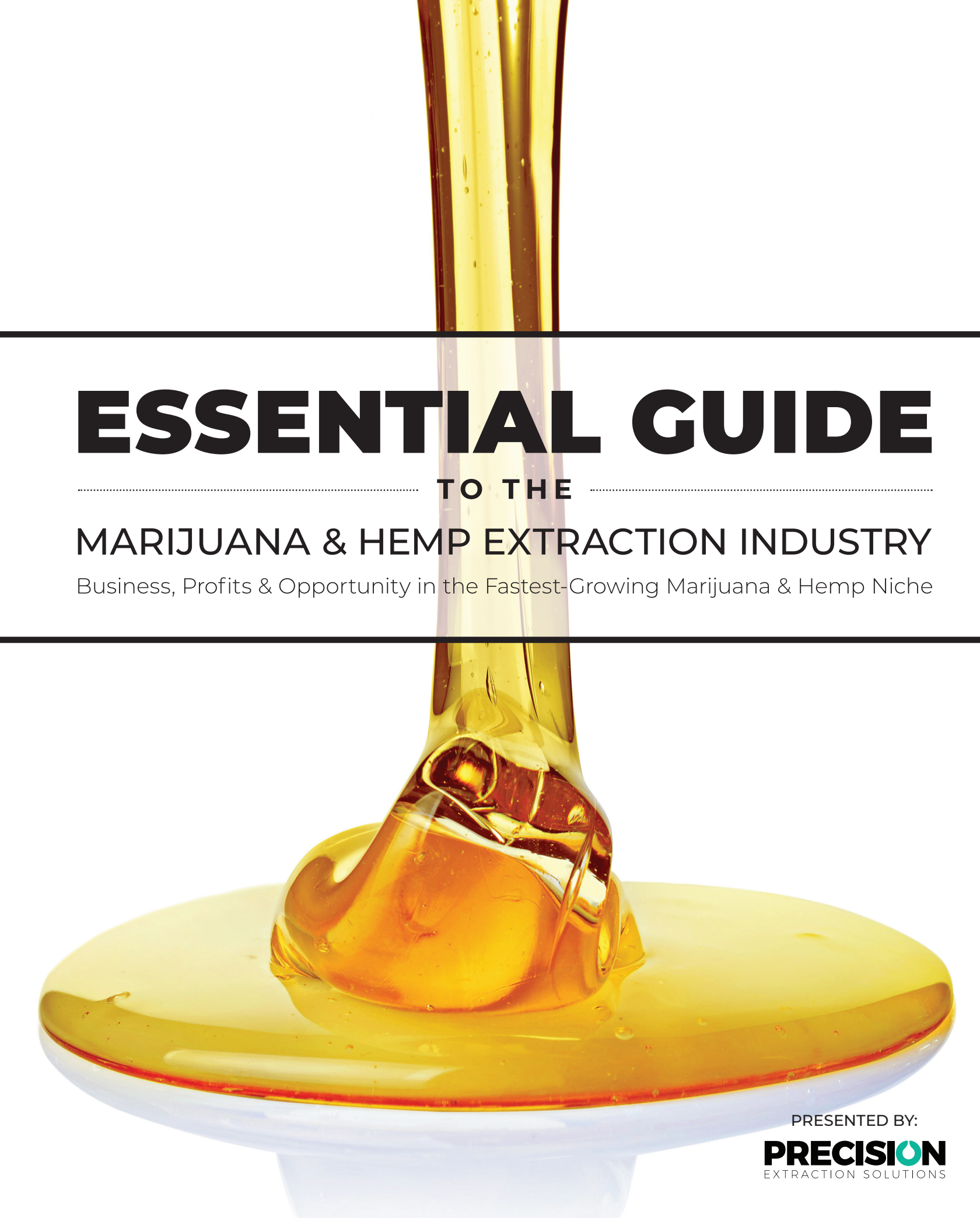


ESSENTIAL GUIDE

TO THE

MARIJUANA & HEMP EXTRACTION INDUSTRY

Business, Profits & Opportunity in the Fastest-Growing Marijuana & Hemp Niche

PRESENTED BY:

PRECISION
EXTRACTION SOLUTIONS

A LETTER FROM **THE FOUNDERS**

It is with deep appreciation to our valued customers that Precision® Extraction Solutions has grown to be the industry leader in hemp and marijuana extraction equipment, technology, training, and consulting.

We pride ourselves on our ability to deliver the highest quality products and services in the industry. Our team's innovative spirit, coupled with our company-wide commitment to customer success, propels Precision forward. People drive performance, and we truly believe that the Precision team of professionals is made up of the best people you will find.

Precision extraction systems are world-renowned for quality, safety and precise operation; hence why more award-winning concentrates are made with Precision than any other brand.

Precision's patent-pending equipment is certified for use in all regulated U.S. jurisdictions and fully compliant for Class 1, Division 1 environments. With unparalleled tech support and customer service, Precision is the world's only provider of turn-key extraction labs. From site-planning to build-out and equipping your lab, we make the regulatory process easy to navigate.

Precision engineers strive to stay ahead of the curve, continually innovating and experimenting with new design methods whilst predicting future essentials within the industry. As industrial production expands, so does the mind-set of our development team, which is focused on overcoming physical and technological obstacles for our customers.

It has been our pleasure to provide you with the very best in quality products, customer service and technical support. We look forward to continually challenging ourselves to deliver even more to our customers.

MARC BEGININ
FOUNDER, CHIEF EXECUTIVE OFFICER

NICHOLAS TENNANT
FOUNDER, CHIEF TECHNOLOGY OFFICER

QUALITY FROM DETROIT

THE EXTRACTION INDUSTRY **IS HOT**

Extraction is one of the fastest-growing segments of the legal marijuana and hemp industries. In more developed markets, more than 70% of all retail sales come from some form of extract-derived product. Extraction labs are experiencing 30% to 40% annual growth, and billions of investment dollars are flowing into the industry.

Business is so good that many municipalities in need of jobs and tax revenue are actively courting extraction lab businesses. Even a medium-sized lab can generate up to $10 million in annual gross revenue and employ up to 50 people. With new construction, employment, taxes and licensing fees, the local impact is substantial.

Read on to learn all about the extraction business, from what it is to what it does to how to profit from it—it's all here.

THE BASICS

WHAT IS EXTRACTION?

Extraction, or "botanical extraction," the most proper term, is the process in which the essential oils are removed, or "extracted," from plant material. In regard to marijuana and hemp, a primary extraction strips the plant of all its essential oils, including THC, CBD, terpenes, vitamins, antioxidants and other good things, creating a highly potent oil.

WHAT PRODUCTS ARE MADE WITH EXTRACTS?

Every marijuana and hemp product that is not dried flower utilizes some form of extract. A short list includes vape pens, edibles, beverages, tinctures and sublinguals, topical solutions, capsules and all concentrates (dabs, oil, wax, shatter and more). Extraction is essential to achieve consistent dosage and products.

WHAT ARE THE METHODS OF EXTRACTION?

The primary commercial cannabis-extraction methods are ethanol and hydrocarbon, also known as organic solvent extraction. This extraction method creates extract using solvents such as butane, propane, ethanol, or a mix of certain organic solvents.

COVER PHOTO BY MITCH | ADOBE STOCK

BUILDING BETTER BRANDS: THE SCIENCE OF DISTILLATION

Imagine if your favorite beer tasted and smelled different every time you drank it. Or the alcohol content was wildly different with every batch. Faced with such unpredictability, it wouldn't be your favorite for long.

Product consistency is fundamental to building and maintaining any successful brand.

The marijuana and hemp plants, by nature, possess inconsistent and unpredictable qualities. Taste, smell and THC/CBD potency may vary greatly depending on strains and evolution within strains. These inconsistencies will flow into any end product, thereby causing undesirable variations.

In order to produce a consistent product, the THC and CBD components must be isolated and separated from other cannabis components and then infused into the product. Through distillation, this is possible.

WHAT IS MARIJUANA AND HEMP DISTILLATION?

Cannabis distillation is a post-processing extraction technique done subsequent to an initial solvent-based extraction.

In practice, and by way of example, the raw oil (sometimes referred to as "crude" oil) from the marijuana and hemp will first be extracted via the use of an extraction system. Depending on a number of factors, that crude oil will have a THC/CBD concentration of 60% to 80%.

What is not THC and CBD in the crude oil will be a blend of flavors and smells, known as terpenes, and a variety of other plant-based components from vitamins to antioxidants and additional consumable substances.

In order to further purify the oil, it will be distilled with a specialized commercial unit such as the CDU 1000. The distillation process isolates specific compounds, such as THC and CBD, thereby producing a refined oil (or "distillate") of more than 90% purity.

The remaining terpenes and other non-THC/CBD compounds will have an insignificant effect on the flavor and smell of the product. By targeting THC and CBD, for example, one can see how flavor, smell and potency may be controlled by the producer.

THE SCIENCE: HOW DOES CANNABIS DISTILLATION WORK?

In its most basic form, distillation is accomplished by using an apparatus that heats a solution to a specific temperature to vaporize a specific compound of a solution without destroying it, then condensing the vaporized compound back into a liquid.

A simple example of this is the process of purifying water. Heating water to 100°C (212°F) will vaporize H_20 molecules, leaving behind any undesirable compounds. Rapidly cooling this water vapor causes it to condense into distilled, purified water.

The same principle used in water distillation can be applied to cannabis. A short-path distillation unit is one of the most common apparatuses used in cannabis distillation.

Short-path distillation units have three major components: a boiling flask, a condensing head and a collection flask. The cannabis compound being distilled is heated in the boiling flask. The vapor then passes through the condensing head (turning the vapor to a liquid) and collects in the collection flask, thereby isolating the THC and CBD components.

THE TAKEAWAY: SO WHY IS THIS RELEVANT TO MY BUSINESS?

Via distillation, isolating THC and CBD as a cannabinoid group can be done from any source of marijuana and hemp plant material, regardless of quality or origin. Distillation allows the processor to buy large volumes of trim and otherwise low-quality biomass, and covert it to a consistent, high-quality and high-potency liquid.*

The isolated THC and CBD distillate can then be infused into a variety of products such as vape pens, edibles, pills, topical solutions and everything non-leaf. Flavors may be separately infused in a controlled manner thereby creating a predictable, replicable and consumable product, from taste to potency, for the end user.

*Note that quality of input will always affect quality of output, and proper preparation of the crude material will ensure uniformity of potency.

THE KEY TO UNLOCKING MARIJUANA & HEMP CHEMISTRY

The marijuana and hemp plants can be compared to a lock, hiding its true treasure—cannabinoid and terpene content—behind its plant matter. The bulk of these compounds, whether THC, CBD, alpha-pinene or beta-caryophyllene, among others, are found in the resin gland heads. Also known as trichomes, these mushroom-shaped structures can be found on the flowers or leaves of the marijuana or hemp plant.

Most cannabinoids and the vast majority of terpenes are extremely volatile, meaning they break down or dissipate rapidly in certain conditions such as extreme heat or pressure. Separating these compounds from the biomass has blended art and science during the course of the past decade.

Multiple ways to unlock these cannabinoids and terpenes from the plant structure exist, just as there is more than one way to open a lock. But while you can force open a lock with a screwdriver, the best way to open one remains using a key designed for that lock, and the key to unlocking marijuana or hemp's potential is in solvent-based extraction.

While there are other solvents out there that work—and a lot of other solvents may come into play in the future—the three most popular products used in solvent-based cannabinoid extraction today are butane, propane and ethanol.

There are arguably no better keys in the history of extraction than organic solvents

RUGGEDCOAST | ADOBE STOCK

like butane, propane, and ethanol. As nonpolar solvents with low boiling points, butane and propane, or a combination thereof, allow extractors to capture the complete essence of a cannabis variety by dissolving those resin gland heads and pulling all cannabinoids and terpenes from the plant matter without the use of extreme pressures or temperatures. Indeed, butane and propane extractors generally operate at 50-150 PSI of pressure.

The low boiling point of these solvents also allows extractors to remove them without risking evaporating heat-sensitive cannabinoids or terpenes. Propane has a boiling point of -43.6°F, while butane has a boiling point of 30.2°F. To put that into perspective, myrcene, a terpene commonly found in most cannabis varieties, has a boiling point around 331-334°F, while delta-9-THC has a boiling point of 314.6°F.

Most artisanal extractors and some moderate-scale operators (those who process less than 1,000 pounds of biomass per day) utilize butane or propane extraction technology and yield a product that has a beautiful light color and a terpene-rich smell. But scaling propane or butane systems can be costly, as larger systems require more safety precautions to ensure no flammable gasses escape the system and put facilities and employees at risk, while requiring that the location itself be up to Class 1 Division 1 hazardous areas standards.

THERE ARE ARGUABLY NO BETTER KEYS IN THE HISTORY OF EXTRACTION THAN ORGANIC SOLVENTS.

So, how can large-scale businesses process 2,000 pounds of biomass or more per day using organic solvents? The large-scale key for organic-solvent exctraction is ethanol.

Ethanol, like butane and propane, has a relatively low-boiling point (173°F), but, contrary to the other two solvents, it requires no pressure to extract compounds from plant matter. Ethanol is also less flammable than both butane and propane, making it safer to operate for employees and in an industrial/urban environment. Ethanol's slightly higher boiling point also means that processors will need to decarboxylate or distill their products to ensure that no residual solvents remain in consumer products.

What also differentiates ethanol from butane and propane is that ethanol is polar protic, meaning it has a positive molecular charge. This positive molecular charge means ethanol will bind extremely well with cannabinoids and terpenes, but also with unwanted compounds such as fats, waxes, chlorophylls and other water-soluble compounds that can negatively affect your equipment and hurt your product's quality.

Small-scale operators have figured out a work-around to this problem by simply chilling their ethanol to -40°F, which leaves behind most to all of those unnecessary fats, waxes and chlorophylls. So how does an extractor chill the quantity of ethanol it takes to process 2,000, 5,000, or 10,000 pounds of biomass per day?

It comes down to properly engineered equipment, proper mass balance and proper post-processing procedures with end-to-end solutions engineered by professionals. This is why Precision® Extraction Solutions launched its KPD series. The team at Precision Extraction looks at our clients' needs to understand what it takes for an end-to-end process to integrate into their businesses. That's part of what differentiates our company: We are end-to-end process integrators, working with you from equipment selection and facility design to post-process assistance. And our work never stops, as our R&D team always tests new processes, parameters and system designs to ensure you are getting the most from your crop and your tools.

10 STEPS TO STARTING AN EXTRACTION BUSINESS

MORE THAN 70 PERCENT of today's legal marijuana and hemp sales are concentrates and infused products, and extracts constitute the fastest-growing segment of the market.

With that kind of demand, you can bet that entrepreneurs, investors and cannabis businesses are flocking to get a part of the red-hot market niche. However, compared to many other cannabis-based businesses, starting an extraction operation is a rather complex proposition.

Although, with the proper guidance, you can be producing extracts in record time. In this article, we will discuss the ins and outs of starting a commercial extracts lab in 10 easy-to-digest steps.

1 UNDERSTAND YOUR BUSINESS CONCEPT.

A well-thought-out business concept is vital to developing a successful extraction operation.

What is your niche? What is your product? Who is your customer? What is your material source? How much material do you intend on processing per month? These, and many other inquiries, are all important considerations that should be addressed prior to moving forward with any planning.

According to Nick Tennant, co-founder of Precision® Extraction Solutions, "These are often the first questions we ask of new customers. I would say that eight out of 10 don't know the exact answers and need guidance; we are happy to help with that."

Your plan will dictate how large your extraction lab will be, what kind of equipment you choose, the size and layout of the lab, from primary extraction to post processing and packaging rooms.

2 IDENTIFY THE IDEAL LOCATION OF YOUR BUSINESS.

Once you have a thorough grasp of your business plan, it's time to start looking for a legal state and municipality. Different states have different extraction laws, licensing processes and regulations. Also, some municipalities are extraction-friendly, others are not.

Pick a locale that has reasonable access to raw material to process and is geographically convenient for properly executing your business plan.

3 PREPARE YOUR LICENSE APPLICATIONS.

Once you identify your preferred locale, you're ready to make your pitch to the local municipality for what may well be a very lucrative license. The process is usually pretty straightforward. The municipality may want to see that business plan we discussed before, so it's ideal to have it prepared in advance. In any event, it's good to be precise and buttoned up with the application process.

At this stage of the process, you will have to be flexible with what your municipality is requesting. From an applicant's standpoint, it is always better to have more information so you are well prepared for any questions that might come up. This can come in the form of code standards, engineering documents and/or references. Some municipalities may not have a solid grasp of extraction regulations, and it may well be up to you to educate them.

You may consider retaining an experienced local attorney to help facilitate the licensing process.

4 FIND YOUR REAL ESTATE, CAUTIOUSLY.

The single biggest pitfall for aspiring extraction businesses is committing to real estate before thoroughly investigating local zoning and

regulations. It is absolutely essential that your property be properly zoned and you have the blessing of your target municipality before financially committing to a property. Whether leasing or buying, consider making your lease or purchase agreement contingent upon obtaining licensing.

5 BUILD YOUR TEAM. You will need a diverse team of experts to guide you in making your vision a reality. This includes a designer, an architect, multiple engineers, a certified extraction equipment manufacturer and a project manager.

This is not a light decision to make. The extraction industry is so new and specialized that most of these professionals, including architects and engineers, have no clue about the vital intricacies of building a lab that is not only compliant, but also meets the unique needs of your business.

MORE THAN **70 PERCENT** of today's legal marijuana and hemp sales are concentrates and infused products. Extracts constitute the fastest-growing segment of the marketplace.

Choosing the wrong team, or a wrong team member, can be very costly, in terms of both time and money. Even a two-month delay can mean millions in lost revenue and strategic advantage. A lab that has poor work flow or missing key ingredients can be disastrous to your ongoing business.

This is where a professional extraction services company comes into play. Precision Extraction Solutions is the only one-stop-shop for all key team members, streamlining an otherwise confusing process.

6 PREPARE FOR CONSTRUCTION, HIRE A CONTRACTOR. By the time you are ready to build, you should have a full list of equipment and production processes laid out. It is your team's job to make this vision into a final construction print. Once you have a set of stamped architectural drawings, you will be ready to hire a contractor, obtain final municipal approval and start construction.

With the solid guidance from your professional team, finding a contractor should be one of the easier steps of the process.

7 ORDER YOUR EQUIPMENT. With the assistance of your team, you should already know all the equipment to purchase for your lab. During the lab construction, you should start ordering your equipment. Work with your equipment manufacturer to target lead times, delivery and installation times.

8 INSTALLATION, INSPECTION AND FIELD VERIFICATION. Prior to final municipal inspections, your equipment will need to be installed. Upon installation, a state-licensed engineer qualified to provide a field verification of your equipment and the installation will make a personal inspection. This is a typical municipal requirement, and your equipment manufacturer can arrange for the field verification.

9 FINAL INSPECTIONS. Commonly referred to as Authority Having Jurisdiction (AHJ) and depending on your locality, the AHJ may be the local fire marshal or another city inspector. Your AHJ will use your engineer's field verification of all extraction equipment installations to certify that your lab is safe and regulatory compliant. The AHJ relies on such field verification, as well as its own inspection, for the final sign-off on your lab.

10 TRAINING AND WORKFLOW. You're now ready to go. Training of your extraction staff on basic and advanced extraction methods, workflow, efficiencies and how to produce the highest-quality extract destined for your unique product is of paramount importance. An inefficient, unknowledgeable or sloppy operator can cost you a lot of money. It's best to get things correct, right out of the gate.

Extract and extract-infused products are anticipated to ultimately be 90% of all marijuana and hemp sales. If you're ready to take the plunge, follow these steps and you'll be on the way to a lucrative future in the cannabis extraction business.

Precision extraction equipment utilizes organic solvents, the most efficient method to commercially extract essential oil from hemp and marijuana plants, including CBD, THC and terpene compounds, for medical and other applications. Organic solvent extraction is a method of extracting botanical oils approved by the U.S. Food and Drug Administration (FDA).

Our extraction systems are certified for use in all regulated jurisdictions for safe, effective operation and the production of superior concentrates. More concentrate awards have been made with Precision than any other brand.

Precision extraction systems are 3A food processing and GMP compliant, and all our extraction processing equipment is manufactured with the end consumer in mind, built to the highest standards in the industry, with sanitary, food-grade stainless steel. Insist on safe, quality oil and extracts … made with Precision.

RETURN ON INVESTMENT

EXTRACTION ROI:
TURNING GREEN INTO GOLD

HEMP (CBD) PROCESSING		
Scale	**Small-Scale Hemp (Batch)**	**Mid-Scale Hemp (Batch)**
Series	***X40***	***XMOD 80***
Solvent	Ethanol	Ethanol
Input Material Per Hour (LBS)	60	120
Input Material Per 8 Hours (LBS)	480	960
Decarbed/Filtered Crude Oil Yield (KG)	31	63
Daily Crude Value*	**$46,500 - $62,000**	**$94,500 - $126,000**
Distillate Yield (KG)	22	44
Daily Distillate Value*	**$88,000 - $132,000**	**$176,000 - $264,000**
Isolate Yield (KG)	19	37
Daily Isolate Value*	**$72,200 - $104,500**	**$140,600 - $203,500**
Solvent Loss %	6.00%	6.00%
Solvent Loss $	$460.80	$921.60

*Based on current 2019 market value (per kilogram)
CBD Crude: *$1,500-$2,000* | ***CBD Distillate***: *$4,000-$6,000* | ***CBD Isolate***: *$3,800-$5,500*

CANNABIS (THC) PROCESSING				
Scale	**Small-Scale Cannabis**	**Mid-Scale Cannabis**	**Mid-Scale Cannabis**	**Large-Scale Cannabis**
Series	***PX1***	***X10***	***X10***	***X40***
Solvent	Hydrocarbon	Hydrocarbon	Ethanol	Ethanol
Input Material Per Hour (LBS)	5	7.5	15	60
Input Material Per 8 Hours (LBS)	40	60	120	480
Decarbed/Filtered Crude Oil Yield (KG)	4	6	12	48
Daily Crude Value**	**$5,200 - $6,800**	**$7,800 - $10,200**	**$15,600 - $20,400**	**$62,400 - $81,600**
Distillate Yield (KG)	3	5	8	34
Daily Distillate Value**	**$18,000 - $21,000**	**$30,000 - $35,000**	**$48,000 - $56,000**	**$204,000 - $238,000**
Solvent Loss %	4.00%	4.00%	6.00%	6.00%
Solvent Loss $	$64.00	$96.00	$115.20	$460.80

**Based on current 2019 market value (per kilogram)
THC Crude: *$1,300-$1,700* | ***THC Distillate***: *$6,000-$7,000*

Notes: Assuming 12% CBD for hemp calculations and 24% THC for cannabis calculations. Actual amount of material per run and recovery times on any extraction system varies depending on composition, cut and moisture of input material, humidity and environmental factors, processing temperatures and operator experience.

THE EVOLUTION OF EXTRACTION: INDUSTRIAL PROCESSING FOR CANNABIS

As the marijuana and hemp industries continue to mature, producers and processors struggle to meet an ever-growing demand for high-quality extracts while maximizing internal efficiencies. Existing commercial-batch processing (a method which involves manually loading and unloading the extraction equipment) has processing limitations of approximately 700 kilograms of raw cannabis per day. Scaling production up means adding equipment and personnel on a one-for-one basis in order to increase processing volumes. While this may be an effective short-term solution, in the long-term, it creates increased and unnecessary labor costs, equipment maintenance and a largely inefficient process overall. Hence, a need has developed for industrial processing capacities with efficient, continuous-feed extraction and post-processing technologies.

While some continuous-feed technologies do exist today, none are specifically tailored for cannabis input to THC/CBD distillate. Enter Precision's KPD Series.

Precision® Extraction Solutions' latest development is the KPD Series, the industrial solution for high-volume cannabis extraction processing. Utilizing ethanol as a solvent, the KPD Series processes 1,500 kilograms (more than 3,300 lbs.) up to 100,000+ kilograms of raw marijuana or hemp material per day.

Everything on the KPD Series is automated and continuous, which contributes to its massive throughput capabilities. The core system requires only four technicians to operate the machinery.

More than two years in the making, the Precision engineering team and its third-party engineering partners designed the KPD Series, a revolutionary technology in the marijuana and hemp industries. The patent-pending systems contained within the KPD Series, such as the counter-current ethanol-based extraction and proprietary micro-filtration, are scaled technologies that exclusively exist within Precision's KPD Series. The KPD Series also was designed for scalability. The same technologies may be incorporated into larger systems of almost any size.

Precision's engineering team specifically designed the KPD Series with large-scale industrial processors in mind. Overcoming the physical and technological obstacles of scaled production is what the KPD Series does best.

The KPD is the solution for industrial processors and the next step of evolution in the extraction industry.

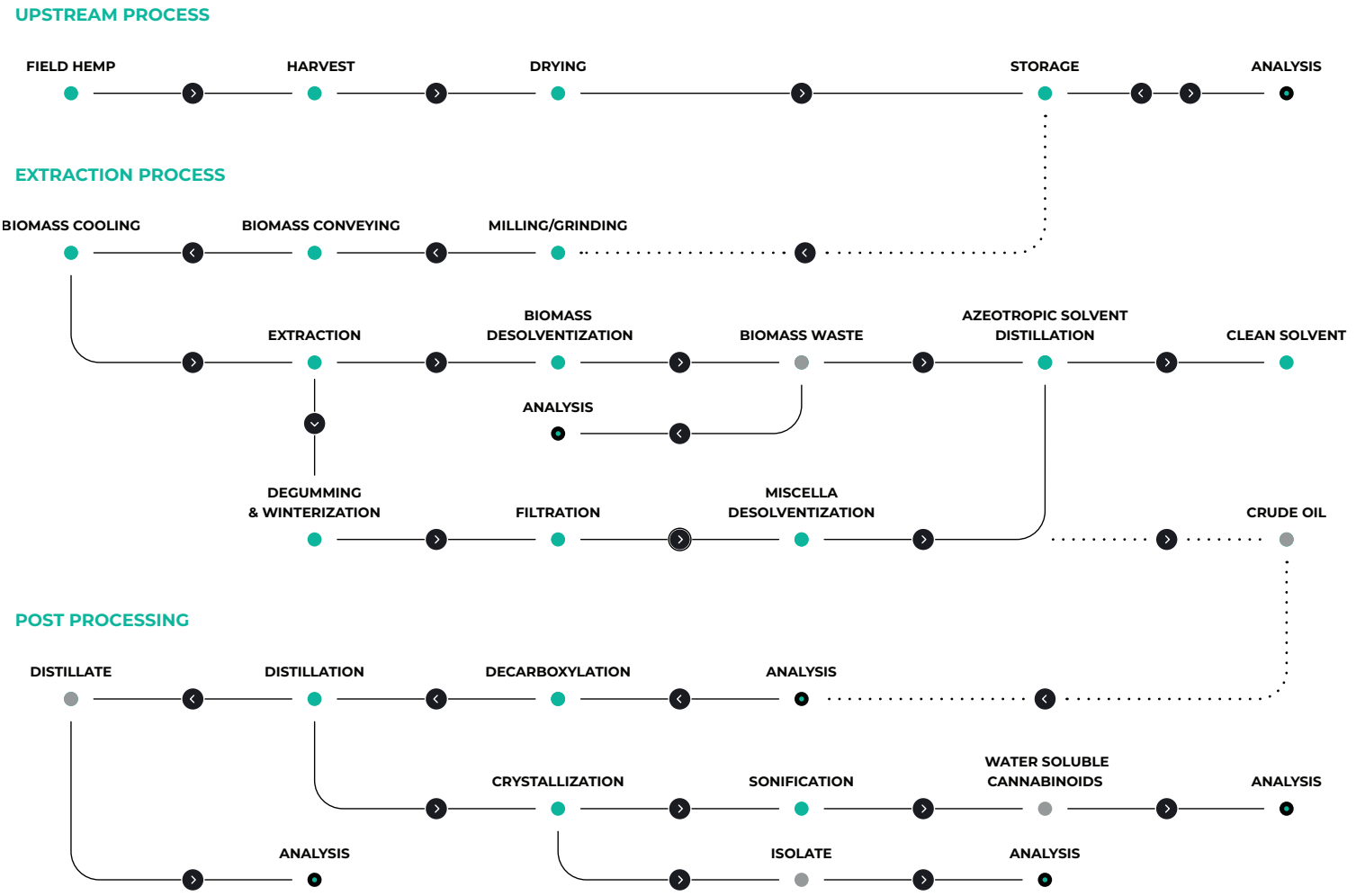
- All-in-one turnkey solution
- No process bottlenecks
- Designed with operating cost reduction in mind
- Automated processing
- Designed by hemp and marijuana process experts
- Optimized for minimal solvent loss

WHATEVER YOUR PROCESSING RANGE AND DESIRED END PRODUCT, PRECISION OFFERS A SOLUTION.

THE WORKFLOW

INDUSTRIAL SCALE HEMP **EXTRACTION PROCESS MAP**

WITH THE FEDERAL LEGALIZATION OF HEMP IN THE UNITED STATES and other countries, the number of processors is growing rapidly as they take advantage of the emerging market. In this rapidly growing industry, processors are using several established scientific techniques to isolate the desired components. In general, hemp processing relies primarily on first extracting the plant material and then isolating the extracts and components via evaporation/distillation. To effectively understand these workflows, it is essential first to understand the overall process of extracting hemp. The map below, created by the industry experts at Precision®, summarizes this process from the field all the way to your desired finished product.



MULTI-SOLVENT EXTRACTORS - WHERE FLEXIBILITY MEETS SCALABILITY

10-20 LBS
PER RUN BATCH EXTRACTOR

X10 MSE
MULTI-SOLVENT EXTRACTOR

- Small footprint and ergonomically friendly design
- Multi-solvent capable
- Precise control over primary extraction
- 10-20 lbs. per hour of processing with ethanol and 8-15 lbs. per hour with hydrocarbon solvents
- Removable material baskets for easy load/unload
- Suitable for various types of marijuana and hemp processing
- Rated for ethanol, propane and butane
- Process up to 160 lbs. per 8-hour shift

40-80 LBS
PER RUN BATCH EXTRACTOR

X40 MSE
MULTI-SOLVENT EXTRACTOR

- Flexible setup and ergonomically friendly design
- Multi-solvent capable
- Precise control over primary extraction
- 40-80 lbs. per hour of processing with ethanol and 10-40 lbs. per hour with hydrocarbon solvents
- Removable mesh material socks for easy load/unload
- Suitable for various types of marijuana and hemp processing
- Rated for ethanol, propane and butane
- Process up to 640 lbs. per 8-hour shift

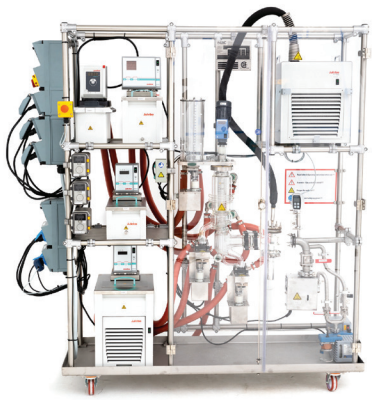
60-120 LBS
PER RUN BATCH EXTRACTOR

XMOD MSE
MULTI-SOLVENT EXTRACTOR

- Modular and ergonomically friendly design
- Multi-solvent capable
- Precise control over primary extraction
- 60-120 lbs. per hour of processing with ethanol and 30-90 lbs. per hour with hydrocarbon solvents
- Removable material socks for easy load/unload
- Suitable for various types of marijuana and hemp processing
- Rated for ethanol, propane and butane
- Process up to 960 lbs. per 8-hour shift

PRECISION® DISTILLATION - ENGINEERED FOR THE MARIJUANA & HEMP INDUSTRIES

CDU 1000
COMMERCIAL DISTILLATION UNIT



- Highest-quality components throughout
- Designed specifically for the hemp and marijuana industries
- Continuous-feed system, not limited to batch size
- Generates high-purity distillate
- Up to 1.5 L per hour throughput
- Single-pass lights, single-pass polish
- Professional installation and training included

CDU 3000
COMMERCIAL DISTILLATION UNIT

- Highest-quality components throughout
- Designed specifically for the hemp and marijuana industries
- Continuous-feed system, not limited to batch size
- Up to 6 L per hour throughput
- Single-stage processing
- Professional installation and training included

THE PRECISION ADVANTAGE

With unparalleled tech support and customer service, ***Precision is the world's only premier provider of extraction labs***. Precision extraction systems are world-renowned for quality, safety and precise operation. More award-winning concentrates are made with Precision than any other brand.

Precision patent-pending equipment is certified for use in all regulated jurisdictions and fully compliant for Class 1, Division 1 environments.

#1 PROVIDER OF EXTRACTION EQUIPMENT & TECHNOLOGY

1000+

SUCCESSFUL INSTALLATIONS

Precision & Third Party Equipment

55+

STRATEGIC PARTNERS NETWORK

Key Vendor Partnerships In All Industry Sectors

130+

YEARS EXPERIENCE

Combined Engineering, Cannabis, Hemp & Process Experience

50+

FULLTIME EMPLOYEES

Dedicated Team of Industry Professionals

PRECISION®
EXTRACTION SOLUTIONS

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