

ATLES

PATENT NUMBER:
US20170312651A1
US10507407B2



Post-Process

ZERO



Automation

FULL



Wax-free extracts[™]

WINTERIZED



0-60

100 LBS - 400 LBS



Efficiency

98.6%



Solvent
Recovery Rate

96%



Capacity

90-400+ LBS/HR

*Depends on product and material

UNPRECEDENTED PERFORMANCE + SCALABILITY

ATLES (Automated Large Ethanol System) is for producers with exceptional volume requirements — or who want to invest in a single system for years of unrestricted growth. Fully automatic operation is matched to the ability to process **up to 400LBS of plant material per hour**, making ATLES the ultimate in efficiency, scalability and investment return.



SAFETY FIRST

Automated, semi-automated & closed loop. Capna Systems are built with entry-level users in mind.



EFFICIENT EXTRACTION

The future of ethanol extraction is here. High throughput with 98.6% efficiency.



EASY-TO-USE

Capna Systems are built with commercial scalability in mind and designed to be used by an entry-level operator.



ALWAYS CONCENTRATED

24/7. 365. Constant operation. No lunch break required.



CAPNA CONCIERGE®

Personalized service & support, on-site training & continuous assistance from our technical department.



THE PERFECT ASSET

Low operating costs. Modular. How will you configure your perfect lab?

END PRODUCT

Recommended Extractions



Crumble



Sugar Wax



Shatter



Tinctures



Live Resin



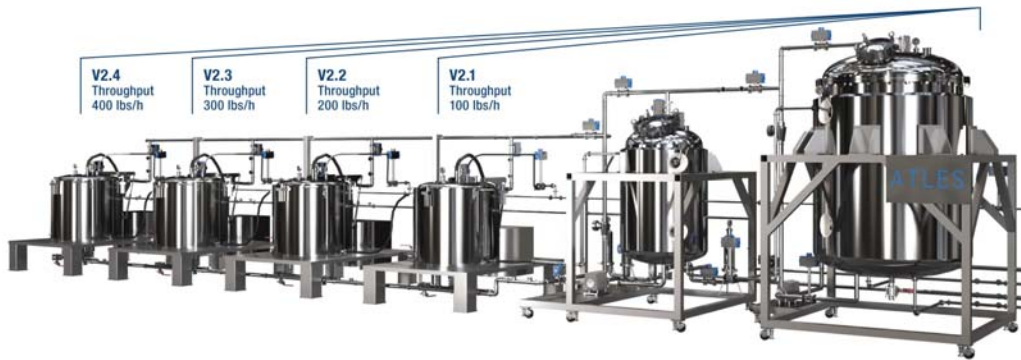
Crude Oil



Distillate



Edibles



- **Dual Voltage:** 480V / 3 phase / 60 amps, 240V / 3 phase / 160 amps
- **Vacuum Pump Power:** 8.8A @ 240V / 4.4A @ 480V
- **Pump Displacement:** 40 meters cubed per hour
- **Water Cooled Chiller:** 6"L x 66"H x 64"W
-480V 28A 3PH
-Compressor Not Included (60L suggested)

SAFETY

Built For Your Protection



Every Capna System is designed for closed loop operation.



Every Capna System uses vacuum to move solvents or solution during operation.



Unlike butane and propane, ethanol is non-volatile and not explosive.



240 V 15 amp power consumption allows placement in most facilities with 200 amp service.



Ethanol is an FDA approved solvent for human consumption. GRAS-Class-3.



Capna's extraction systems are C1D2 compliant.



Minimal handling of solvents reduces operation exposure and reduces fire risk.



Ultra low temperatures prevent the evaporation of solvent as well as the flash point.



Low maintenance, single pump operates entire system to increase electrical safety.



Capna Systems are built to the strictest national safety standards and are certified in 23 states.



FDA allows up to 16,000 PPM of ethanol in food and medicine.



Which Is Right For You?

	Ethos® ⁶	Atlas
Collection Vessel	40 L	200 L
Extraction Vessel	60 L	200 L
Material Load Capacity	3175 g	20412 g
Extraction Vessel Filter	40 Micron	40 Micron
Temperature Range	-50 C to -80 C	-30 C to -50 C

[MORE](#)

PRODUCT YIELD CALCULATOR

We're often asked: how much oil can be produced daily using Capna systems? Of course, the answer depends on the variety— and quality— of the plant material being used. We encourage you to use our trusted **yield calculator** below to approximate how much oil your system will produce, based on several key variables. We've also included other extraction methods so you can determine for yourself the degree of loss your operation can tolerate. We acknowledge that certain systems can render marginally higher efficiency rates, but Capna systems can produce in **under an hour** what most legacy systems accomplish in a **day or longer**, all while still achieving exceptional **98.6%+** efficiencies.

INPUTS

MATERIAL YIELD - % (THC/CBD CONTENT)*

*Average yield trim is between 7-15%

MATERIAL INPUT - LBS (QUANTITY/DAY)*

*Pounds of raw plant material to be processed daily

CRUDE COST - \$ (COST/GRAM)*

*Market Price Varies By Location, Typically Between \$3-\$7/Gram

RESULT

	PROJECTED CRUDE OIL YIELD PER DAY (GRAMS)	PROJECTED REVENUE PER DAY (\$)
	∨	∨
CAPNA EXTRACTION	5367	\$16,101
CO2 EXTRACTION	3538 - 4082	\$10,614 - \$12,247
BHO EXTRACTION	4082 - 4627	\$12,247 - \$13,880

*Above calculation is a projection based on inputs provided by user and should be used only as a basic example. Actual results may vary. Auxiliary equipment required.

POTENTIAL OIL PLANT MATERIAL

This calculation is based on the yield percentage provided above and gives an estimate of the potential oil that can be extracted from set biomass.

DEMO IT

Need help choosing the right system?

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[Cannabis Distillate: Everything You Need to Know](#)



[What Is Cannabidiol \(CBD\)?](#)

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