

Asset Catalog items for PK-6020 Essential Oil and CBD Extraction System, (ethanol 1.5 tpd)

| Asset | Description | Condition |
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| | | Location |
| Compressor/Air Compressor | | 2 Items |
| Air Compressor, Recip Asset ID: 2052 EMAX | EMAX Reciprocating air compressor. Sits on top of its own air receiver. Driven by 7.5 HP motor, 220v 1 phase.. Maximum 175 psi and 26 scfm. Sits on 80 gallon reservoir. Refrigerated air, refrigerant is 134A. Refrigerated dryer is EMAX Model EDRCF1150030. Built 2020. Currently on filter press and pumping system. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good |
| | | Northern US |
| Air Compressor, Recip 2HP Asset ID: 2066 Ingersoll Rand | Ingersoll Rand recip air compressor Model P1.5IU-A9, serial P20288T19051. Capacity 4.6 cfm at 135 psig. Voltage 115/1/60 2HP. With integral reservoir tank 20 gallons. Overall size 23" wide x 43" tall. Belt driven quiet operation 75 dBA. This part of gryphon CBD dryer system belt tensioner and NOT SOLD Separately. Part of an entire CBD extraction system - enter PK6020 to see all components. | Unrated |
| | | Northern US |
| Conveyor | | 1 Items |
| Conveyor Asset ID: 2058 | Conveyor - take off from Gryphon dryer. Part of an entire CBD extraction system - enter PK6020 to see all components. | Unrated |
| | | Northern US |
| Conveyor/Belt | | 1 Items |
| Belt Conveyor Asset ID: 2057 | Belt conveyor, rubber cleated 23.625" wide. . Includes hopper infeed. Drive motor is 1/2 HP 230/460 3/60 1725 rpm with Nord gaer unit. Built 2019. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good |
| | | Northern US |
| Conveyor/Drag | | 1 Items |
| Drag Conveyor ss Asset ID: 2059 Tramco | Tramco inclined drag conveyor. Size 14.5" wide x 25 ft long rising 13 ft. Model 10" x 6" Bulk Flo, serial BF-2070. Driven by 5 HP motor. Capacities from 1500 cu ft/hr to 3,750 cu ft/hr. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good |
| | | Northern US |
| Dryer/Belt | | 1 Items |

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| <p>Biomass Belt Dryer Gryphon Asset ID: 2042 Gryphon</p> | <h2>Gryphon Biomass Hot Air Belt Dryer</h2> <ul style="list-style-type: none"> • Gas fired recirculating counter current air dryer. Model A.318. • Dryer section is 3 ft wide x 18 ft long. • Evaporation rate (condensate rate) will be approximately 213 lbs/hr of water • Used for drying hemp with inlet moisture of 50-80% and outlet moisture of 7% to 11% moisture running at 3,000 #/day inlet and approximately 1,000 #/day dry mass outlet. • Natural gas burner rated at 1.5 MMBTU with all gas train valves, firing controls and Honeywell fire eye safeties. Supplemental electric heaters in each of the three sections. • Air flow is by blower rated at 2500 scfm with VFD drive AB PowerFlex 753. AirPro Fan Type HPSM254 high pressure radial shrouded fan. 600 rpm serial 23894 40HP built on 2008. • Six VFD drives in all Allen Bradley PowerFlex 525. • Condenser coils. • Includes infeed sifter and lid lift assembly for easy maintenance and operation. • Includes fabricated feed belt 23.625" wide cleated belt. • Full automation by Rockwell Allen Bradley and controls provided. Software plc controlled air volume, temperature and cycle time. Automated washing of chambers, air filter, and belt. • CTS cooling tower and condenser unit is part of the package. <p>No need for baghouses, scrubbers, or exhaust stacks. See brochure in link for more information. Unit was purchased new in 2019 - only has 1,289 hours operation. Last used for hemp drying. Includes spares: (4) condenser filters, 1 dryer belt, bed skirts & spacers. Part of an entire CBD extraction system - enter PK6020 to see all components.</p> | <p>Used - Very Good</p> <p>Northern US</p> |
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| Evaporator | | 1 Items |
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| <p>Falling Film Evaporator Asset ID: 2043 BizzyBee</p> | <p>Bizzybee falling film evaporator. Model BZB, MTA chiller, and pumps. Used for recovering ethanol at up to 225L per hour (45-60 gallons per hour) continuous evaporation with 48 KW of heating at 480v and 13 tons of cooling. Serial no. BZB.1111.0000. Approved for both ethanol and heptane use. Includes vacuum pump and 3 liquid pumps. Physical size of rack is 3' x 3' and chiller & heater take up approx 9 sq ft more. Includes MTA chiller rated at 13 tons. Model TAEevo TECH 161. Refrigerant R410A. 30HP. Tru Temp heater rated at 48 KW. Vacuum pump is Agilent Model IDP-7. Was bought new in 2019 - was run for less than a year. See brochure in link. Part of an entire CBD extraction system - enter PK6020 to see all components.</p> | <p>Used - Very Good</p> <p>Northern US</p> |

| Filters/Plate & Frame | | 1 Items |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <p>Filter Press System, Plate & Frame 72 sf Asset ID: 2045 Watermark</p> | <p>Plate and frame filter press system including filter press, slurry tank for diatomaceous earth/filter aid addition, (2) stainless steel Yamada diaphragm pumps. Hydraulic clamping pressure 3500 psi. Last used for winterization filtering of crude hemp/CBD oil. Full model number FP630G32L-16/32-5/10AXX, serial FP01254. Filter Press by Watermark Model Pro X FP630. Plate dimensions 630mm x 630mm (24" x 24"), has 18 total plates for 72 sq ft surface area. Hydraulics air driven, 2" feed pipe and 1.5" discharge piping. Slurry tank is poly with cone bottom. See representative drawing in link. Bought new - used less than 1 year. Approx size filter 30.5" wide x 152" long x 52" tall. Precoat skid is 64" x 46" x 73" tall. Part of an entire CBD extraction system - enter PK6020 to see all components.</p> | <p>Used - Very Good</p> <p>Northern US</p> |

| Filters/Special | | 1 Items |
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S4M Asset Catalog

Listed in Category Order. Click on an Asset Name for more details.

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| Seitz Filter 3 sq ft Asset ID: 2060 Seitz | Seitz Enzinger Noll filter press. Model EF60/65CB serial no. 963048 rated at 6 bar (90 psi). Removable filter plate, Surface area 0.29 sq m, 100 liter. Construction ss316 stainless steel. Chamber 24" dia rated at 6 bar (87 psi) jacketed for 6.5 bar (94 psi) with manual screw lift. Built 1989. Note: This filter had a chiller no longer available. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good Northern US |
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| Lab | | 1 Items |
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| Moisture Analyzer Asset ID: 2063 Radwag | Radwag moisture analyzer Model MA 50.R. Maximum capacity 50g, heating with IR emitter. Repeatability +/- 0.05% and can read moisture content down to 0.001%. Power supply 100-240 vac 50/60 Hz. Consumption 450W. Physical size 470x380x336 mm, weight 4.8kg | Used - Good Northern US |

| Material Handling | | 2 Items |
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| Drums, Stainless Asset ID: 2051 | Stainless steel drums. Approx 11 drums with reinforcing bands, and 16 drums without reinforcing band. Quantity (27) - priced for the LOT. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Excellent Northern US |
| Walk In Freezer 2500 cu ft Asset ID: 2047 SRC | SRC walk in freezer Series IV, size 20' x 16' x 8' tall. Doorway width 50" wide x 78" tall. Energy efficient food grade freezer. Includes two double fan recirculating refrigeration and air handlers - refrigeration unit placed outside by Heatcraft Refrigeration Products Model LCE694BEB. These are Larkin low profile units, electric defrost type rated at 9400 BTUH each. Voltage 220/1/60. Bought in 2019 new, used for less than a year. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good Northern US |

| Mixers/Blender | | 1 Items |
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| Ribbon Blender, Double 155 cf Asset ID: 2044 Gurdin | Chuck Gurdin double ribbon blender mixer, stainless steel. Insulated. Also comes with load cells scale. Speed adjustable with VFD. Capacity 155 cu ft. Approx size 55" x 168" long x 90" tall. Drum dimensions 44" wide x 120" long x 53" high. Driven by 25 HP motor 1755 rpm with Dodge gear reducer. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good Northern US |

| Plants/Essential Oil & CBD | | 1 Items |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Oil Extraction System, Ethanol 1.5 TPD Asset ID: PK-6020 | Biomass drying and ethanol solvent extractor system, last used for producing CBD Extract by drying hemp at 3,000 #/day infeed and approximately 1,000 #/day dry mass outlet. Was running hemp with infeed moisture of 50-80% and outlet moisture of 7% to 11% moisture. CBD extraction efficiency is very good. Unit was purchased new in 2019 - only has 1,289 hours operation. Main components include Gryphon gas fired dryer, ribbon blender, Watermark filter press system, Nutsche filter, BizzyBee distillation system, tanks. See Links for equipment list and process flow chart. For all components enter the key word PK-6020 in search box.. | Used - Very Good Northern US |

| Process/Cooling Tower | | 1 Items |
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S4M Asset Catalog

Listed in Category Order. Click on an Asset Name for more details.

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| <u>Cooling Tower & Pump 60 ton</u> Asset ID: 2056 CTS | CTS cooling tower and recirculating pump. This is a counter flow induced draft FRP water cooling tower. Tower has 1.5 HP fan and 1HP condenser. The nameplate is worn off but this is most likely a T-260 tower rated at 60 tons. Cooling capacity 900,000 BTU/hr, air volume 14,700 cfm. Tower size approx 78" dia x 74" tall. Water circulating pump is approx 77.5 gpm with a Bell & Gossett size e-1532 size 2BD, pump construction SSF impeller dia 8" serial number C286138-01G91 with a 5HP motor 1800 rpm. This is an end suction close coupled foot mounted pump. See link for pump specs and tower specs (most likely the right model number). Part of Gryphon biomass drying system asset 2042 - NOT sold separately. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good |
| | | Northern US |

| Tanks & Pressure Vessels/Stainless | | 5 Items |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <u>Horizontal Tank, ss</u> Asset ID: 2049 | Horizontal stainless steel tank, on saddles. Size 67" dia x 94" long for capacity of 1,800 gallons. | Used - Very Good |
| | | Northern US |
| <u>Square Tank, ss</u> Asset ID: 2048 | Square stainless steel tank, reinforced sides. Size is 111" x 111" x 160" high - on legs for OAH 220". Atmospheric tank. Capacity approx 8500 gallons. Material ss304. Used for pure ethanol storage food grade. Part of an entire CBD extraction system - enter PK6020 to see all components. | Used - Very Good |
| | | Northern US |
| <u>Vertical Tank, ss</u> Asset ID: 2050 | Vertical stainless steel tank, insulated. Size 30.5" dia x 45" tall on legs for 76" OAH. Capacity 145 gallons. | Used - Good |
| | | Northern US |
| <u>Vertical Tank, ss</u> Asset ID: 2062 | Stainless steel ss304 vertical tank. Size 52.5" dia x 70.5" tall. Flat top, slight cone bottom. Capacity 600 gallons. Has short legs 6". | Used - Very Good |
| | | Northern US |
| <u>Vertical Tank, ss cone bottom</u> Asset ID: 2061 | Stainless steel vertical tank - size 50" dia x 84" tall on legs for 117" OAH. Capacity 580 gallons. Flat top, Cone bottom approx 45 degrees. On legs. | Used - Excellent |
| | | Northern US |