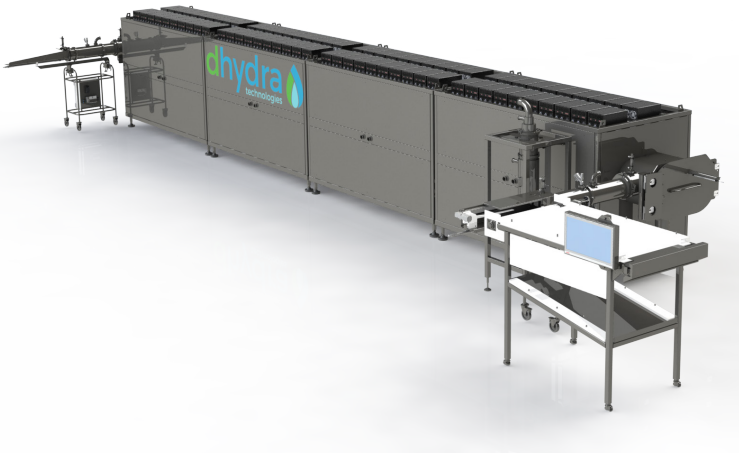
KRAKEN 120

Dhydra's Patented Rapid Low Temperature Dehydration (RLTD)

SPECIFICATIONS

Dehydration Rate	**220-300lb/hr (100-136kg/hr)** **Capacity varies depending on the density and moisture of the product*
Cycle Time	**30-50 min**
Number of Chambers	**4**
Number of Trays (Full Chamber)	**80 trays**
Process Type	**Continuous operation capable of running 24/7 (1 min per tray loading cycle)**
Automated Cleaning Process	**Clean-in-place (CIP) system is activated by a push of a button and does not require disassembly** **CIP suggested before changing strains*
Moisture Reduction	**~80% wet to ~10% dry (~4% dry for extraction)** **Exact moisture level can be specified based on user preferences*
Maximum Output (RF)	**Nominally rated at 120kW (40 magnetrons @ 3kW each)**
Electrical Power Requirements	**2 outlets:** **400V 3ph+N 240A per phase** **480V 3ph+N 100A per phase**



PROCESSING QUALITY

Rapid drying **prevents mold proliferation**
Drying in a vacuum **results in virtually no oxidization**
Dark conditions **eliminates degradation from light**
Low temperature **preserves cannabinoids**

- RLTD gently removes moisture in as little as 30 minutes producing a product that is shelf-stable and ready for sale
- Preserves plant integrity (e.g. fragrance, colour) using RLTD closed loop system
- Depending on the program being run, terpenes are either retained in the bud or collected in the water recovery system
- Intuitive computer control systems combined with 10,000's of sensor reading every minute, allows the machine to self-regulate and achieve uniform drying results without requiring technical staff on site
- Remote access troubleshooting services available
- Modular components for easy maintenance
- Data logins for compliance and diagnostics

CONTACT US

FILL OUT AN ONLINE FORM TO GET STARTED

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SYSTEM REQUIREMENTS

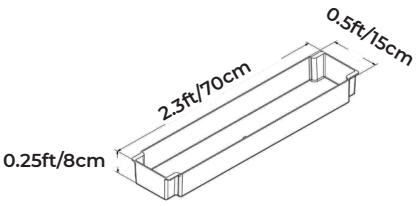
- Drainage: floor drain
- Relative humidity (environment): dry conditions required in the packaging room; users determine humidity level
- Heat exchange system (chiller): available from Dhydra or can be customer supplied
- Internet connection: requires at least 1MBps
- Continuous monitoring by customer on-site via HMI

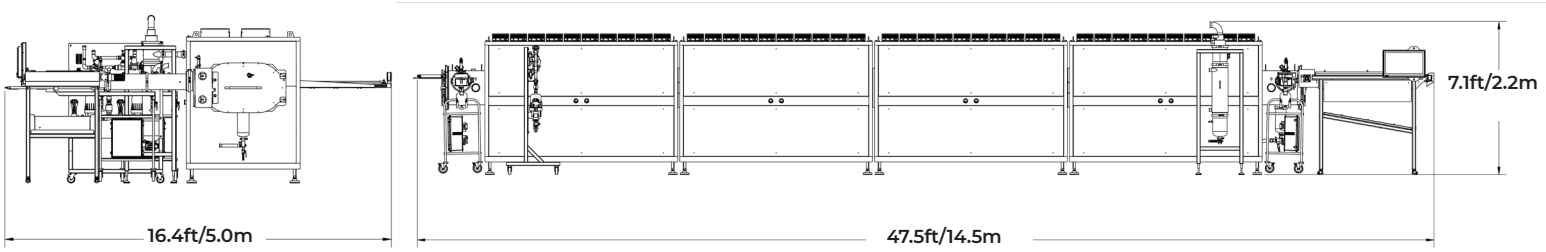
CERTIFICATIONS & APPROVALS

- Health Canada approved chemicals for CIP
- Electrical safety approved to CSA standards by LabTest Certification Inc.
- EU-GMP compliant RLTD System (in progress)
- ISO 9001 certified quality management system (in progress)
- Sanitation SOP
- Pass/Fail swab test

DIMENSIONS

Full system weight	8,904kg	19,630lb





ROOM LAYOUT