

# bigrep DRYCON



## Industrial Filament Dry Cabinet

The DRYCON is **the only dual-chamber machine** on the market that has three things at once - **a dryer, storage**, and an **annealing** system. It is engineered to be the perfect partner for your 3D printer, so you can unlock the full potential of your additive manufacturing workflow.

# BIGREP DRYCON KEY FEATURES



## Dual Chamber Capacity

The DRYCON is equipped with two chambers (396mm X 455mm X 478 mm each) that heat up to 180° C. They are both engineered to dry, store, and anneal parts to perfection. The chambers house up to **16 spools** of 1kg, **8 spools** of 4.5 kg, or **4 spools** of 8kg filament with custom temperature control.



## Active Air Exchange Cycles

During the filament drying process, air is periodically exchanged in the chamber to efficiently remove moisture by replacing humid air with fresh air. This active air exchange system ensures **consistent drying conditions** and is **more energy efficient** when compared to other filament drying methods.



## Annealing for Superior Parts

Both chambers heat to **180° C**, ideal for annealing parts exposed to high temperatures and mechanical stresses. Annealing **significantly improves** part accuracy, **heat resistance**, stiffness, dimensional stability, and other **mechanical properties**.



## Direct Filament Feed

The DRYCON features four filament outlets that **feed the material directly into your 3D printer**. This eliminates the need for separate storage or manually transferring the filament to the 3D printer, making it a stream-lined drying, storage, and hassle-free printing process.



# TECHNICAL SPECIFICATIONS

Version	<b>BigRep DRYCON</b>
Chamber Dimensions (W x D x H)	<b>455 x 478 x 396 mm</b>
Spool Sizes per Chamber	<b>16 spools of 1 kg 8 spools of 4.5 kg or 4 spools of 8 kg</b>
Volume Flow	<b>200 m<sup>3</sup>/h</b>
Power	<b>230 - 240 VAC, 50/60 Hz</b>
Power Consumption	<b>Maximum 3 kW</b>
Device Dimensions (W x D x H)	<b>620 x 750 x 1970 mm</b> (depth without handles)
Door Dimensions (W x H)	<b>540 x 1100 mm</b>

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