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Datasheet

Drymex S 5 drying system with large drying cabin / HARTER Drying Solutions

consisting of 2 DRYMEX S 5 units and 1 large drying cabin with piping

View of the aggregates

Aggregat 1, DRYMEX S5:

Year 2012, New price: € 39.500 net, Operating hours: 12223 h, January 2026

Aggregat 2, DRYMEX S5:

Year 2014, New price: € 39.900 net, Operating hours: 8286 h, January 2026

Drying cabine with piping:

Year 2015, New price: € 58.885 net

Steam cleaning device Blue Evolution XL:

Year 2019, New price: € 5.500 net

Price is entirely negotiable: 72.000,-- Euro

The unit was only used for a few weeks a year due to seasonal factors.

Very good condition.

Drying only possible up to approx. 40°C / no hot air drying.

Suitable for indoor drying only.

Technical data	**Aggregat 1 and Aggregat 2**
Type	Drymex S5
Operating current	28,8 A
Max. current consumption	39,6 A
Electrical data	230/400 V, 50 Hz
Refrigerant	R 407 c
Air cooler	4/14/10
Air heater	700/18/10
add. Finned heat exchanger	530/20/3
Radial blower	400V/50Hz/2,2 kW/3Ph
Axial blower	230V/0,4 kW
Weight	630 kg
Dimensions	1,95 x 1,25 x 2,00 m
Ambient temperature	min. 0°C – max. 35°C

Both units have the same performance data.

Operating principle of the drying system

Principle:

The drying booth is connected to the drying units via pipes.

Drying cycle:

The circulating fans blow cold-dried air through the air ducts into the drying chamber. This air flows upwards through the perforated metal floor and removes moisture from the product.

The humid air returns to the drying units via the air inlets. It first flows through the air filter and then the air cooler, which removes the absorbed moisture by cooling it.
This moisture collects on the fins and drains from the system via a collection tray and the condensate drain.
The cooled, dry air is then drawn in by the recirculating fan, passed through the air heater, and reheated.

The humidity sensor is located in front of the air cooler. It measures the remaining humidity. The humidity evaluation unit then sends the signal to switch the unit off.

Once the set humidity level is reached, the system switches off. The drying cycle is closed.

Excess heat:

Excess heat is removed by the fan.

Defrosting phase:

Ice forms on the air cooler due to the constant flow of moist air. For this reason, the air cooler must be defrosted regularly. During the defrosting process, the compressor is switched off, and the fan continues to blow warm air through the air cooler. This process happens automatically.

Drying cabin

Drying cabin with bulkhead

Drying cabine interior view

The drying cabinet is made entirely of stainless steel and is very robustly constructed. There is a double-leaf door at both the front and rear. Baffle plates prevent the contents from falling out. The material to be dried is evenly distributed onto the perforated floor, and the machine is then switched on. It is easy to operate and clean.

The segments of the perforated floor can be opened individually, providing access to the chambers below, allowing for quick and easy cleaning.

The entire system is in perfect working order.

Modular housing construction, double-walled and thermally insulated.

Dimensions:

Inside – 7,25 x 2,50 x 2,00 m
Outside - 7,40 x 2,67 x 2,50 m
Stainless steel: 1.4301

All pipework is included.

Steam cleaning device Blue Evolution XL / BEAM

The Blue Evolution XL is a professional-grade steam cleaner and is one of the most environmentally friendly cleaning systems. It works with water only, without chemicals, and is suitable for gently cleaning drying booths and almost all surfaces. It comes with all accessories.
Very good condition.

Technical data:

Electrical connection:

Rated voltage	400 V AC 50/60 Hz
Total power	7200 W
Dimensions (L x W x H) mm	720 x 380 x 930
Safety test	CE
Steam temperature	max. 180°C
Length of steam suction hose	ca. 3,2 m
Lenght of power cord	ca. 15 m
Weight	ca. 37 kg