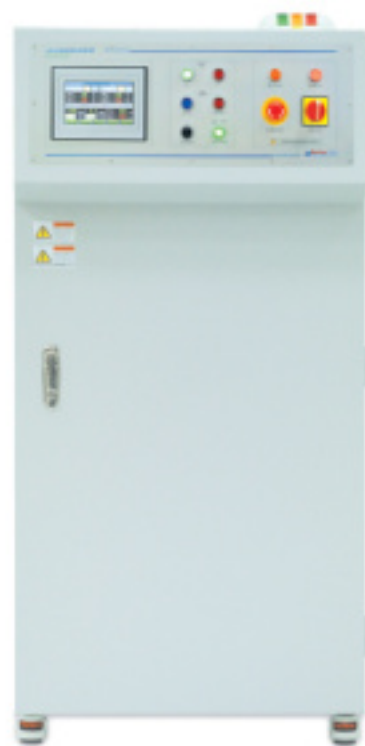


Continuous Dryer

Continuous net dryer



DL-2015CN



Entry

(Up and down height adjustment device)

The three-part mesh conveyor is designed to move up and down, and is equipped with handles and precision gears to adjust the height of the inlet and outlet simultaneously, allowing for precise thickness control by means of an indicator scale.



Exit

(Cooling device)

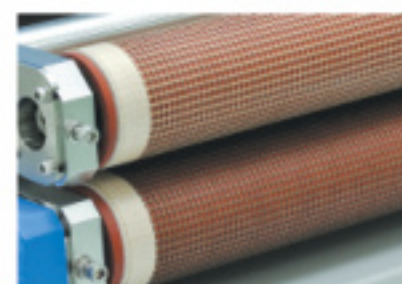
In order to mold the product into a non-woven fabric shape by fusion through heat after being inserted into the mold, a cooling system using cooling fans is installed at the top and bottom of the outlet, enabling high-quality production.

Feature

- Fabric tumbling effect gives the minimum shrinkage and touch feeling.
- By know-how of continuous stenter, the upper & lower two nozzle air circulation system equalizes the temperature distribution, same air velocity, air volume. which results equal drying.
- Accuracy temperature control by PID auto-tuning function.
- The continuous slit nozzle makes soft touch feeling and also can be used for Non-woven, Pile Fabric, Brushed Fabric.
- Due to thickness(5mm~100mm) adjustment of mesh conveyor, the web status fiber can make non-woven form by the high temperature.
- Multi step of exhaust fan on the roof keeps suitable amount of humidity inside chamber avoids yellowing of light color fabric.
- For 2 chamber system can set different temperature in first & second chamber.
- Just end of exit equipped up & down cooling system.
- Same air flow with production net dryer result in good repeatability.

Specification

Model	DL-2015CN
Working width	100~600mm
Working length	Max. 1.55m
Working speed	0.2~5m/min.
Net conveyor	Up/Down adjustment (Thickness-100mm)
Temp.-controller	Digital PID type
Temp.-range	20~250℃
Heating capacity	60kW (Step adjuster-4 step)
Nozzle	2ea (Up & Down)
Nozzle air velocity	Approx. 0~5m/sec.
Nozzle air direction	Can be adjusted by each flap each nozzle
Conveyor motor	0.75kW 3 phase
Circulation fan motor	6.0kW 3 phase (1.5kW x 4ea)
Cooling fan motor	120W 3 phase (60W x 2ea)
Power source	380VAC 50/60Hz 3 phase, 68kW
Weight (Approx.)	1200kg (±5Kg)
Dimension (Approx.) (Control panel)	2500(W) x 1100(D) x 1720(H)mm (800(W) x 590(D) x 1480(H)mm)



Net conveyor (2 Line)



Thickness-adjustment device