

# Working principle Drying module



WASHING & DRYING  
SYSTEMS



## The ultimate dryer

Cretel offers drying solutions for a wide range of applications. A Cretel industrial drying module can be considered as a reliable and proven system thanks to its modular concept with a high standard on hygienic design, maximum water recuperation and minimum energy consumption resulting in excellent drying results. The Cretel drying module is fully designed according the applicable European CE regulations.



## The drying concept

The dryer can contain one, or more custom designed drying modules to obtain the best suited drying results.



Stainless steel air knives and channels directly connected to the fan, are designed in a way to obtain a fluent air flow

with a minimum of pressure drop and a maximum performance.

The drying concept is based on air recirculation, heating up the air to approximately 30°C.

Between the tunnel washer and drying module a separation zone is installed to avoid disturbances.

## Hygienic concept

The installation has a full hygienic and open construction without hidden places in corners or double folds to avoid unattainable zones and accumulation of dirt. This is a result of many years experience and focus on hygienic design.

## Low energy consumption

The dryer has an extremely low energy consumption as a result of the special air knife construction with direct connection to the high pressure ventilator.



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## Maximum water recuperation

All models have water recuperation. The water blown off the articles is collected and runs back to the washing zone to minimize the water loss.

## The transport system

For the in-line version, the transport system of the tunnel washer provides the transporting of articles to be dried. It consists of the necessary side guides, a hold down system and a transport chain or a conveyor belt. The dryers are standard equipped with fixed side guides and a swinging hold down system.

## Multiple options

In addition to our standard models we have also reinforced dryers for heavy duty applications..

Our low versions can be used in areas with limited height. The economic versions are suitable for smaller applications.

Next to our standard in-line model, we also have standalone dryers in our portfolio to install in-line with your existing washing installation. This standalone model is equipped with motor driven chain transport and a separate control panel.

