

## JENSEN Transfer Dryer XR

The new Xpert in drying technology, with amazing savings in time and energy.



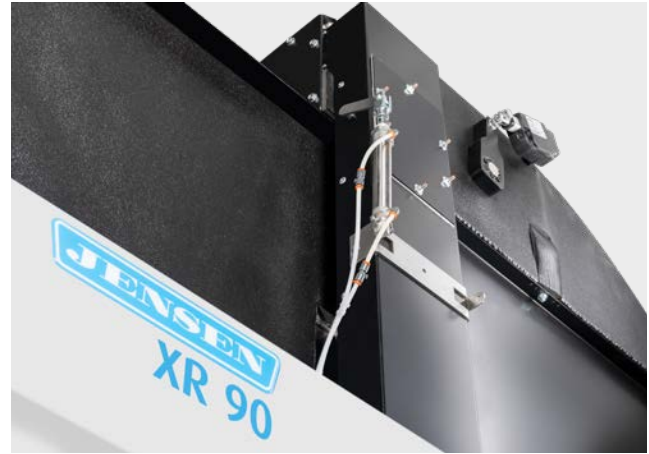
The new XR Dryer is the Xpert in drying technology.

In an environment of increasing energy costs and wages, compounding competitive pressure and decreasing margins, today's laundries face enormous challenges which must be met with comprehensive measures to increase efficiency. One of the primary goals of JENSEN's product development is to increase the efficiency and productivity of laundry systems as a whole. The new XR dryer is scheduled to become the new Xpert in drying technology.

Big volumes require big machines. The new XR dryer will process big cakes with a diameter of 51 inches. The wider opening of the unloading door also allows a faster unloading, with savings of 10–20 seconds per batch: Laundries can process more loads within one shift thanks to the new AirWave feature. AirWave also speeds up the subsequent finishing process with its unique blow-out, reducing tangling of linen.

The new XFlow feature ensures a 10–15% higher evaporation capacity and optimizes the heat distribution for an even and fast drying process. Thanks to the new perforation pattern of the drum the air flow increases by an amazing 20%.

The XR's precise and well-dosed heat control, InfraCare, reduces the energy consumption and the drying time, while extending the lifetime of the linen. The control detects varying weights and residual moisture, and avoids unnecessary energy supply and long drying times.



The new horizontal fan, a new perforation pattern and the new front air flow by an amazing 20%.

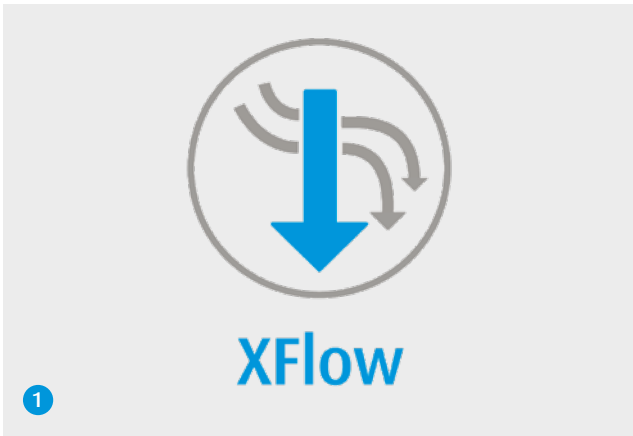
## The newest technology of XR dryers

### 1 Optimal air management with XFlow

The new horizontal fan unit together with an optimized drum geometry, a new perforation pattern and the new front air channel improve the air flow and the heat distribution by an amazing 20%. This ensures an outstanding energy balance and consistent, reproducible perfect drying results. The new XFlow ensures a 10–15% higher evaporation capacity by producing an optimized air flow through new front air channels.

The frequency controller for the fans and the individual, process-based control of air volume guarantees extremely low-wear operation of the fan motors.

The new automatically controlled circulation flap continuously regulates the optimal ratio between the fresh air and the circulating air depending on the degree of dryness of the goods and the individually adjusted program. As a result, the highest measure of efficiency is assured. In addition, XR dryers are very well sealed, which prevents escaping air. The outstanding insulation also assures low heat emission and a low noise level.



Optimal air management with XFlow



Gentle linen handling with AirWave



The drive wheels are now being protected directly from the hot air stream.

## 2 Gentle laundry handling with AirWave

Laundries can process more loads within one shift thanks to the new AirWave feature. AirWave also speeds up the subsequent finishing process with its unique blow-out, reducing tangling of linen. The large drum diameter enables an optimal fall curve and guarantees an outstanding air flow through the linen. The blow-out unloads the linen very quickly with a nice and fluffy result so that finishing quality is improved considerably by preventing wrinkling and tangling. The wider unloading opening adapts perfectly to the following conveyor widths of either 800 or 1000 mm (31 or 39 ").

Thanks to the frequency control of the drive motor, custom adjustments of the drum speed for different types of linen and drying processes is possible. Comprehensive technology with finely-tuned, sophisticated software regulates and monitors the drying process.

## Most efficient drying process with InfraCare



The XR's precise and well-dosed heat control, InfraCare, reduced the energy consumption and the drying time, while extending the lifetime of the linen. The InfraCare control unit continuously measures the exact temperature of the linen load by means of an infrared sensor. This value serves as a starting point for an extremely precise and reliable control process. As a result, even items which are highly temperature-sensitive can be dried

extremely gently with purposeful heat control. Moreover, with InfraCare only the thermal energy which is actually needed is provided, which improves efficiency even more.

## Greatest ease of maintenance

The low-maintenance direct drive of the JENSEN DT dryer, already proven in practice thousands of times over, was chosen for the drive of the drum. Unlike conventional systems, a check or tensioning of toothed belts or chains is not necessary. The drive train was optimized for the XR dryer and designed with flanged drive wheels with reinforced bearings to be even more maintenance-friendly and long-lasting. The drive wheels have now less stress: They are now being protected directly from the hot air stream (104°F vs. 248°F, 40°C vs. 120°C) for an optimized performance and reliability.

The new horizontal fan protects vital components, contributes to a prolonged lifetime and offers an even more reliable availability. The electrical panel either left or right or on the back of the unloading chute allows easy access without a remote electrical panel.

The XR dryer has a lint filter with segmented design. Each segment can be removed and reinstalled very quickly and conveniently thanks to an easily accessible central fastener. For even better accessibility to the drum, the entire loading wall can be pivoted completely to the side after loosening a few screws. Even the



The XR series represents a new era in efficient drying in laundries.

burners in gas-heated dryers can be reached safely via a service platform with safeguarding on the unloading side of the dryer.

### Compact design

Space is a valuable resource in many laundries. Therefore, JENSEN has designed XR dryers in that way so that they can be arranged inversely, opening to the right or left, immediately adjacent to one another. As a result, valuable square metres of installation area are saved.

### Available models

- XR 60 (for 60 kg / 130 lbs)
- XR 90 (for 90 kg / 200 lbs)
- XR 130 (for 130 kg / 286 lbs)
- XR 150 (for 150 kg / 330 lbs)

### The new Xpert in drying technology.

The XR series represents a new era in efficient drying in laundries: The latest technologies in combination with numerous innovations assures an efficient machine concept. Drying has never been so efficient, environmentally-friendly and powerful – Meet the new Xpert in drying technology.

### Installation

JENSEN is pleased to assist you in planning your laundry by providing excellent advice, layouts and technical data. Authorised

JENSEN distributors or JENSEN engineers should carry out the installation to ensure that it is performed correctly.

### Service


In addition, JENSEN provides an extraordinary after-sales service through a worldwide network of highly qualified Sales and Service Centres and distributors, all with their own maintenance and spare parts services.

### Call us...

JENSEN provides a complete range of heavy-duty equipment for the laundry industry, delivered and installed according to your specifications. Please do not hesitate to contact us for further advice and information, or visit [www.jensen-group.com](http://www.jensen-group.com)

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