



## Transfer Dryer DT 140 Plus

The New "Plus" for the  
North American Market



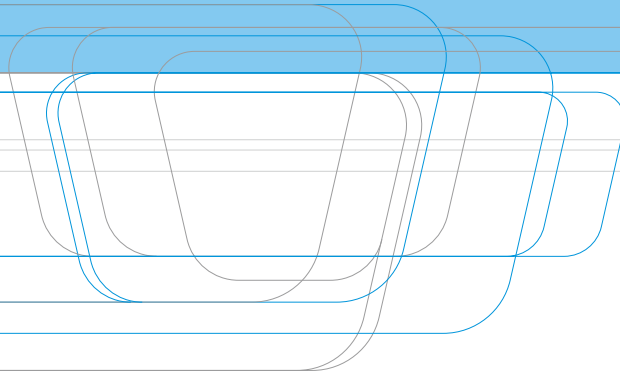


Made in  
**USA**

Made for  
**USA**

The new Transfer Dryer DT 140 Plus offers increased performance while keeping the same footprint as the DT 140.

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## Transfer Dryer DT 140 Plus

The New “Plus” for the  
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### What puts the “Plus” in the new DT 140 Plus?

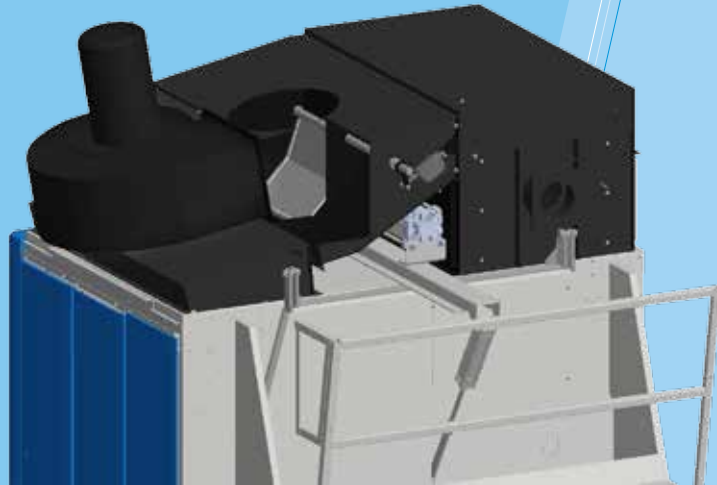
The new Transfer Dryer DT 140 Plus is made in the USA, specifically for the North American Market. Following on from our enhanced and improved dryer range in Europe, JENSEN USA transformed the DT 140 into an even more efficient product, the DT 140 Plus.

### Tremendous Energy Savings

The upgrades allow for the dryer to achieve efficiencies never seen before in the DT 140 Dryer with a fuel consumption range of 1500–1650 BTU/lbs. (0.97–1.07 kWh/ltr.) of water removed. The DT 140 Plus reduces the water evaporation cycle time, saving valuable minutes from each drying batch. Energy efficiencies increase while at the same time, the total amount of energy required for each cycle is reduced. The DT 140 Plus helps to save time in the maintenance process by positioning



DT 140 Plus Dryers have the same footprint as its predecessor and can be arranged in a bank to be fed by shuttle conveyors.



With the addition of the continuous variable flap, the DT 140 Plus can achieve improved fuel efficiencies.

the filters to easy-to-reach and easy-to-clean locations.

#### Faster dry cycle time

JENSEN re-designed the process of air recirculation within the dryer system. Thanks to this process, the dryer is able to automatically determine and optimize the fresh air intake ratio for the best dry time.

The DT 140 Plus now has the capability to increase or decrease the blower motor speed, which decreases the fuel consumption required to operate the machine. This is ideal for less than full load operation. Also, during the cool down period, the blower speed can be increased to allow for a quicker cool down period. The faster the machine cools down, the quicker a new load can be transferred into the dryer. The laundry process becomes faster and saves both time and money.

The new DT 140 Plus has also revised the method for determining dryness of linen and its approximate cycle time. The new process measures the actual temperature of the linen. Based on the category of the linen, the dryer determines more accurately the dryness of for example specific linen categories to retain a lower temperature, if required, for product texture.

The DT 140 Plus is designed with safety in mind, while maintaining a high-performance level. The safety design includes a risk analysis and the utilization of a safety controller.

There are many safety areas considered during the risk analysis of the design including:

- Temperature monitoring
- Tilt action
- Maintenance door monitoring
- Basket/drum rotation monitoring

- Loading door monitoring
- Blower operation monitoring

#### Improved Maintenance Friendly Design

The new maintenance friendly lint screen allows easy access and easy removal and saves valuable time. The new lint screen comes standard on the DT 140 Plus and can easily be retro-fitted to existing DT 140 dryers. Now only one person can easily remove the lint screen for quick maintenance.



The new compact Automatic Burner Air Filter is mounted directly onto the burner. The filter is automatically cleaned after every cycle through air blasts. This significantly decreases burner maintenance and improves burner reliability. This design as well comes standard with the DT 140 Plus and can easily be retro-fitted to existing DT 140 dryers.

#### **Performance Gains**

- An increase in fuel efficiency of 10%.
- A new fuel efficiency of 1500–1650 BTU/lbs (0.97–1.07 kWh/ltr.) of water removed.
- An increase of water evaporation by 10%.
- A decrease in maintenance down time thanks to improved filter designs and the relocation of lint screen filter.

#### **Made in the USA – Made for the USA**

The Transfer Dryer DT 140 Plus combines our

bestselling dryer with the new “Plus” for the North American market.

#### **Improved Maintenance Friendly Design**

- Advanced filter design and relocation of lint screen for easier access

#### **Installation**

JENSEN is pleased to assist you in planning your laundry providing excellent consulting, layouts and technical data. Authorized JENSEN distributors or JENSEN engineers should carry out the installation to ensure the correct performance.

#### **Service**


In addition JENSEN provides an extraordinary after sales service through a worldwide network of highly qualified Sales and Service Centers 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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