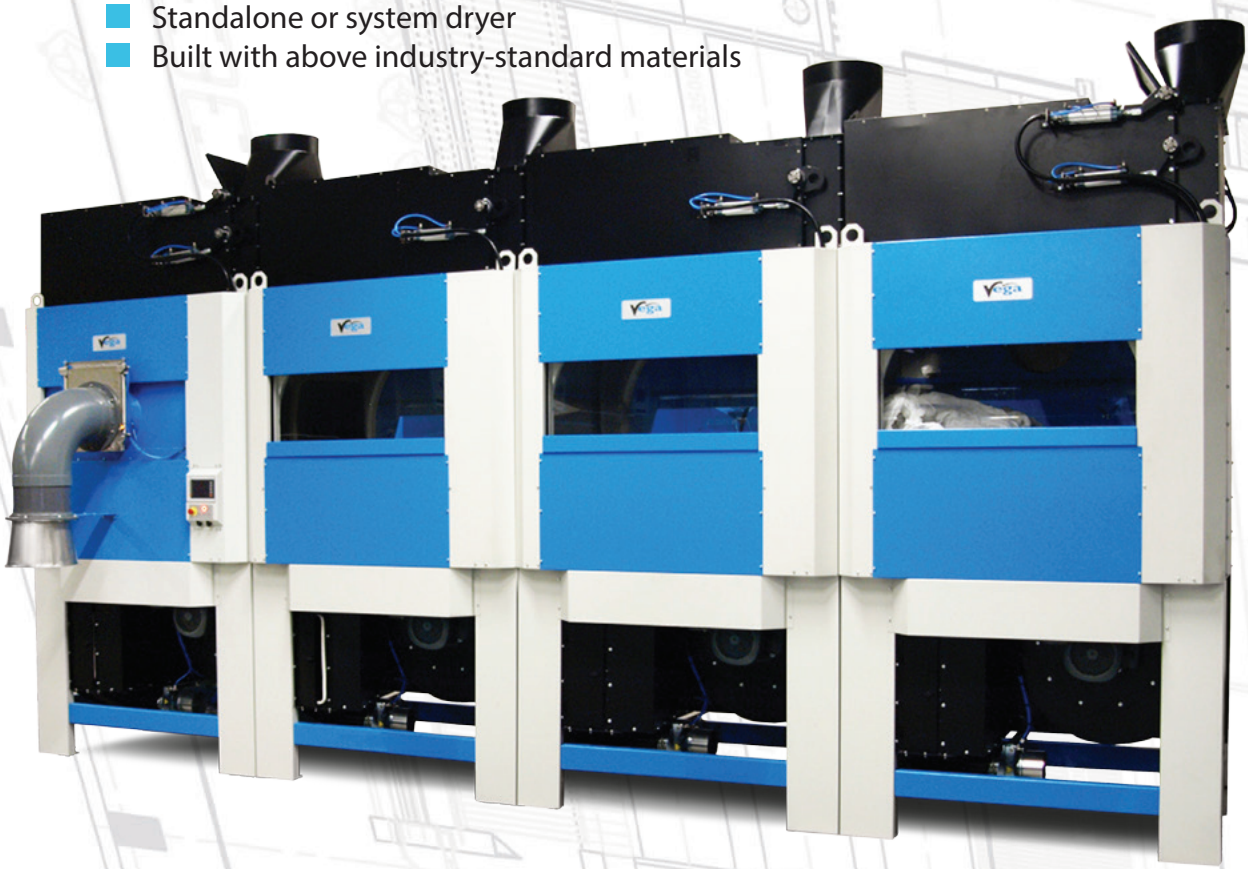
Vega SYSTEMS

SmartDry DT Gas

VEGA SYSTEM DRYERS

Features:

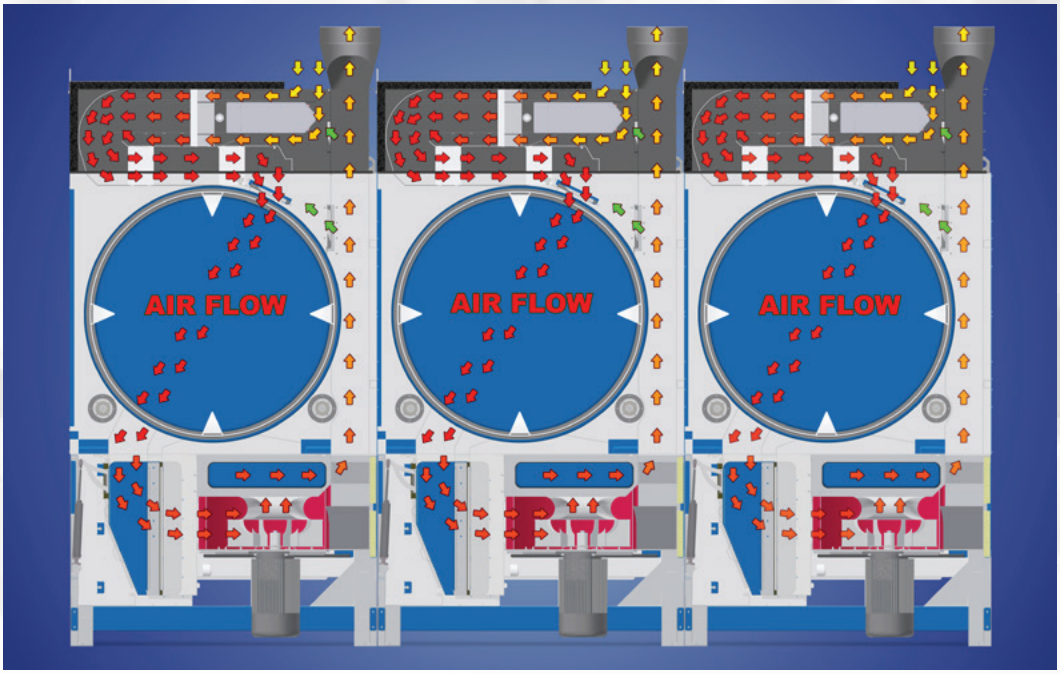
- Premium dryers
- High efficiency
- Unique burner concept
- Standalone or system dryer
- Built with above industry-standard materials



ENGINEERING YOUR FUTURE

AIRFLOW CONCEPT

Designed to be easily accessible and to save space

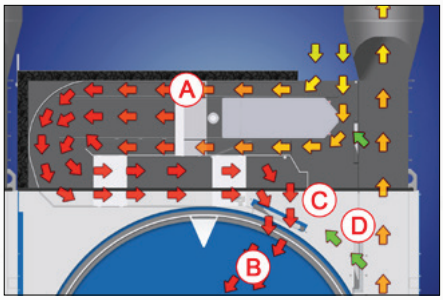


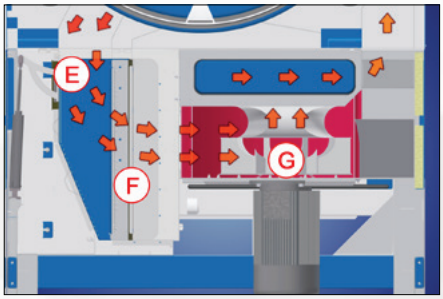
Explaining the Air-Flow

The distance between the Surface Burner *(point A)* to the drum *(point B)* is 2300 mm, thus allowing the gas-burner to heat up the air as it enters the circulation.
This distance allows the air to heat up without letting the burner flames to reach the drum and damage the linen.

As standard all DT dryers are fitted with an adjustable Air Recovery System *(point C)* for maximum energy saving. The air that is recycled, is pushed back into the main airflow *(point D)* where it is heated up again before entering the drum. Rapid thermal transfer ensures fast and effective heating across the full width and depth of the drum.

The air and lint exits the drum *(through point E)* and then passes through a large active area stainless-mesh lint-filter *(point F)*, where the lint is collected.
After the air has passed the lint-filter, it goes through to the High-performance radial exhaust-fan *(point G)* before it exits to the atmosphere.

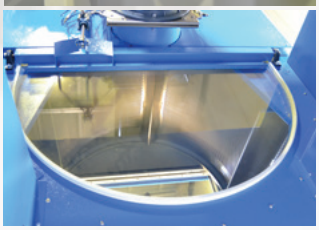




CONSTRUCTION







Drive system & Temperature Resistant 9.8" Wheels

As a standard, the drive motor, mounted directly on the drive shaft *(Direct driven, without any belts or chains)* with easy access for maintenance.

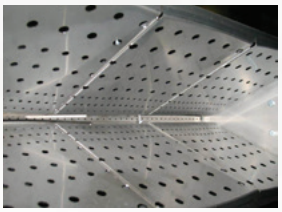
The drum is supported by large, temperature resistant 9.8" wheels, mounted outside the hot air-flow, for easy maintenance.
The drum does not need any sealing to prevent air leakage, eliminating the wear-and-tear factor. This guarantees continuous and efficient production over many years with minimal need for maintenance.

New Design & Greater Control

The robust one-piece, distortion free inner drum, fitted with precision drive rings, ensures smooth and long lasting operation.
The new design, with honeycomb-perforated stainless-steel drum, ensures gentle processing of linen, while allowing for effective water evaporation and high air-flow rates through the drum.
Optionally, the perforated stainless steel panels can be changed easily for cleaning.

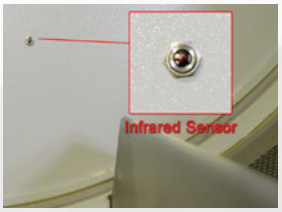
The dryer comes complete with pneumatically-activated heat-resistant loading and unloading glass doors. This allows the operator to monitor the linen inside the drum and also to optimize the drying process by adjusting the drum rotation speed, and adjusting the airflow.

PERFORMANCE



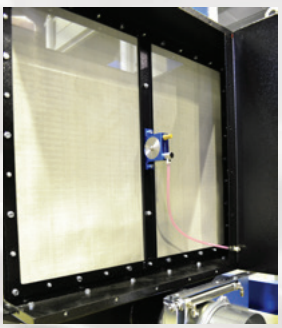
High efficiency burner technology

The High-efficiency burner ensures fast and uniform heat input.
Due to a revolutionary design in dryer technology, which applies a combination of a frequency controlled, high-performance radial exhaust-fan, gas-heating, and an air-flow-independent surface burner, the SmartDry machines achieve up to 20% shorter drying times with lower energy input, compared to conventional equipment.



Infrared Sensor to monitor the laundry temperature

An infrared sensor is located inside the drum, where it measures the exact laundry temperature during the drying process.
This optimizes the drying time, and increases production while balancing the inlet temperature and the linen temperature, allowing the machine to use energy more efficiently.



Dryer Lint-Filter System

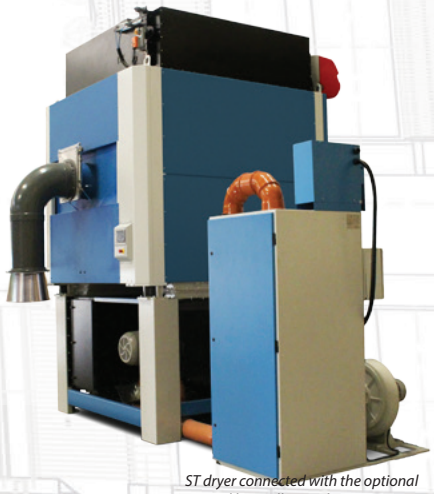
As standard the machine is equipped with a large lint-filter drawer for easy cleaning.

As an option lint can be collected and discharged fully automatically into a lint collection bag, or central lint-filter system.

Vega SYSTEMS

ENGINEERING YOUR FUTURE

ADDITIONAL OPTIONS



ST dryer connected with the optional Central lint-collection box.

SmartDry ST
Pass-through Suction Dryer with loading on the front side by vacuum suction system.



Suction loading from the unloading side
Combined Pass-through Dryer with loading on the front side by conveyor or loading on the back side by suction loading.

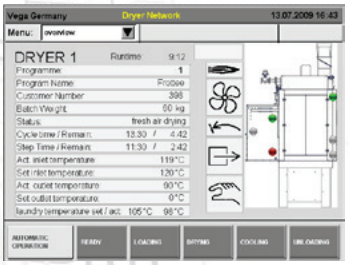
CONTROL

Controlled by industrial PLC system
With a clear operator interface and easy programming of all machine parameters. The control provides visual information on the machine operation and fault-diagnostics.

Up to 49 customized drying programs can be made and stored directly in the system, or transferred to a USB stick.
Each program is freely adjustable within relevant parameters.
The system is fully optimized for processing special linen types.



Stand-alone control 5.7" Color Touch Screen



Network control 15" Color Touch Screen

TECHNICAL DATA

Type :	DT 50 Gas	DT 60 Gas	DT 80 Gas	DT 120 Gas	DT 160 Gas
Batch Sizes :	50 kg / 110 lbs	60 kg / 132 lbs	80 kg / 176 lbs	120 kg / 264 lbs	160 kg / 352 lbs
Drum Volume :	1250 L / 330 gal	1500 L / 396 gal	2000 L / 528 gal	3000 L / 792 gal	4000 L / 1056 gal
Heating :	Natural / LPG Gas				
Voltage / Frequency :	3 Phase, 400V / 50/60 Hz				

For more sizes & information, please contact us.

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