

# LAW GRAIN DRYERS

- SBC Series

Single Burner Configuration



## SUSTAINABLE SOLUTION

To reduce greenhouse gas emissions

## BUSINESS-SAVVY INVESTMENT

To maximize long term returns



The line of mixed-flow  
LAW dryers offers

## THE MOST ENERGY EFFICIENT DRYERS IN THE INDUSTRY !

LAW dryers have been commercialized for over 40 years with 6,000 plus units sold worldwide. Our French and Canadian engineering offices continue to innovate every year with the same simple objectives in mind that made our success : energy efficiency, uniformity of drying and ease of maintenance. LAW grain dryers are available in capacities up and above 500 tonnes per hour in different configurations and options to fit your specific requirements.

## Strive for a more sustainable future

**40%**

lower energy consumption compared to most cross flow dryers without air recirculation.

**15%**

lower energy consumption compared to most of the best alternative solutions.

Mixed-flow dryers are the most efficient method to extract moisture from kernels. According to the University of Wisconsin-Madison, they consume 40% less energy than cross flow dryers. The North Dakota State University justifies this increase of energy efficiency by the smaller airflow rate per bushel used by mixed-flow dryers. With the re-use of energy from air recirculation, combined with a totally insulated design, we can achieve energy savings of at least 15% compared to any other mixed-flow dryer on the market.

## Environment- friendly neighbour and beyond

Standing out due to their lowest dust emission in the industry and their low noise level, Law dryers are environmentally responsible neighbours.



## Ease of maintenance

We take pride in making dryers that our clients enjoy operating. Law dryers are designed to operate 24/7 and 365 days a year. As the dryers are running continuously for a long period of time, the performance loss still remains non-existent. The screenless construction of Law dryers makes them stand out as they do not require any downtime to wash screens.

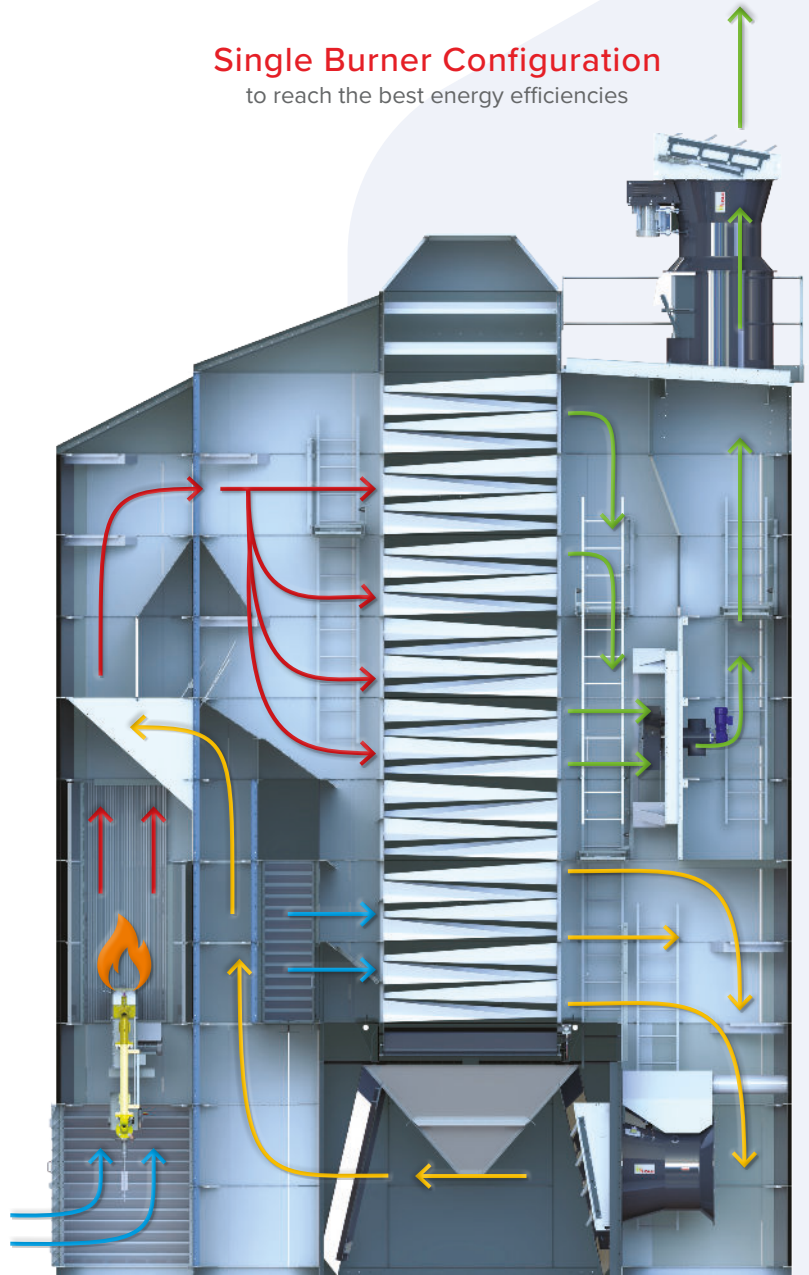
Law dryers are built robustly to last 25 years and more. Most large industry leaders use our dryers year-round with minimal weekly maintenance and near 0\$ wear part replacement for the first 10 years.

During the drying season, Law dryers' low maintenance requirement, convenient platforms and full access doors put less stress on your maintenance crews with a minimum crawled space.

## Ease of operations

The operation of the dryer is performed using a comprehensive touchscreen that continuously monitors and controls the dryer for a safe and accurate operation with a minimum operator intervention. The self diagnostics of the dryer operation indicates the source of the problem. Furthermore, its remote access allows you or the LMM service department to connect to your control.

### Single Burner Configuration to reach the best energy efficiencies



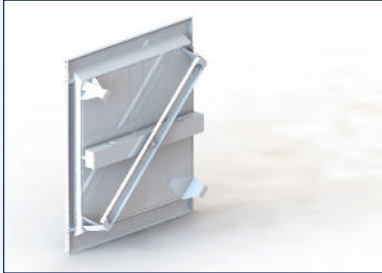
- Hot air
- Ambient air
- Exhaust air (inside - recirculation)
- Exhaust air (outside)



# Mitigate the risk of extreme climate conditions

Law dryers are not only less prone to fire hazards, but also designed to withstand the most extreme climate conditions, such as extreme cold, heavy rainfalls, or strong winds.

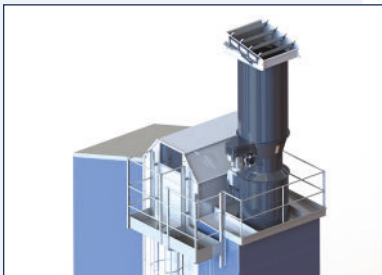
## Options



- Exhaust air rotary filters – for lower dust emissions in the environment



- Moisture probes and proprietary control logic - for the lowest outlet moisture fluctuation



- Air silencers – for reduced noise level



- Flexible energy sources: propane, natural gas and/or steam heat exchange

# Benefit from the best grain quality

**2%**

higher grain specific weight, increasing the grain market value.

**1%**

less grain breakage during drying and handling to the storage bins.

Law dryers, like other mixed-flow dryers, offer a better drying uniformity and grain quality compared to cross flow dryers.

# Invest where it matters most

Business decisions are being made thinking long-term and taking into consideration the total cost of ownership. The higher crop quality, the lower energy bills and the lower maintenance costs ultimately make Law dryers the better return on investment option for your business.

