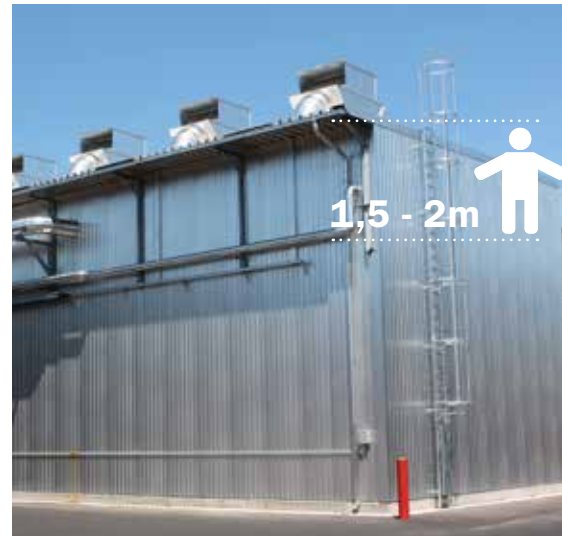


Simple and safe maintenance

Regular service and maintenance of your drying kilns plays an important role in avoiding drying kiln down-time.

Even more decisive is the suspended ceiling, which has safe, barrier-free access.

Simple and, above all, safe maintenance is enabled due to the height of the built-in catwalks (available as an option) at **1.5 - 2m**.



Tailor-made system sizes and uniform drying!

Every output class

Achieving the best quality of dried timber is all down to optimising the drying kiln to match the drying requirements; whether they are for thin dimensioned softwoods with high performance requirements or hardwood with special colour requirements. The Mühlböck 1306 PRO gives the option of combining the equipment for higher output classes with the unique air supply and exhaust system.



Optimised airflow! For perfect drying quality.

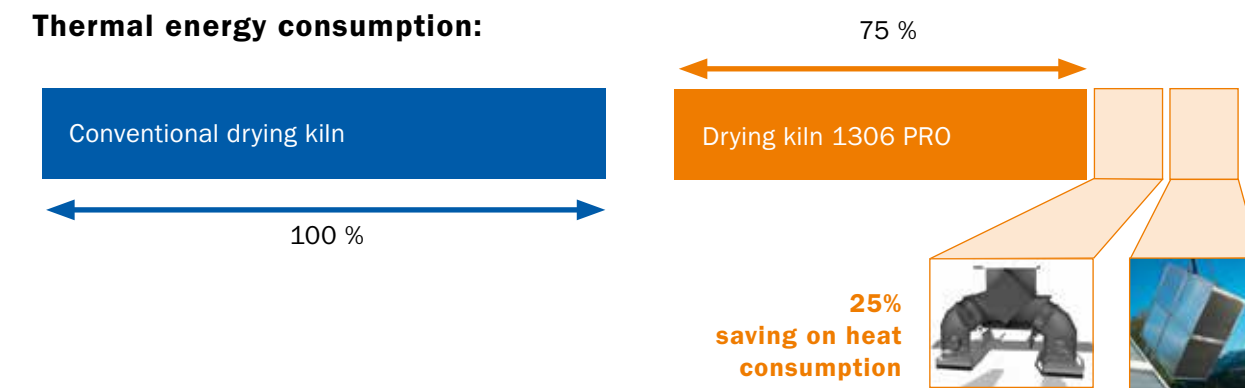
The best and uniform drying results are only possible if the air distribution and flow in the drying kiln is ideal: a high suspended ceiling, vertical heating coil, optimised fan distribution and flow-optimised air deflection chambers ensure a uniform airflow to all stacks of timber in Mühlböck 1306 PRO drying kilns.



Economic efficiency! The key to success.

The cost of thermal energy is the biggest cost factor in timber drying. Therefore, to achieve the highest possible cost-efficiency, reduction in the cost of the heat energy is the first step.

Thermal energy consumption:



Highly efficient heat recovery in combination with the efficient 1306 PRO supply and exhaust system means greater economy and cost savings in thermal energy consumption, of up to 25% compared to conventional systems.

200 installed drying kilns Mühlböck 1306 PRO ...



... a lot of satisfied customers!

MÜHLBÖCK
TROCKNUNGSTECHNIK

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E-mail: office@muehlboeck.com



1306 PRO Drying Kiln

The most efficient and cost-effective drying process for all requirements

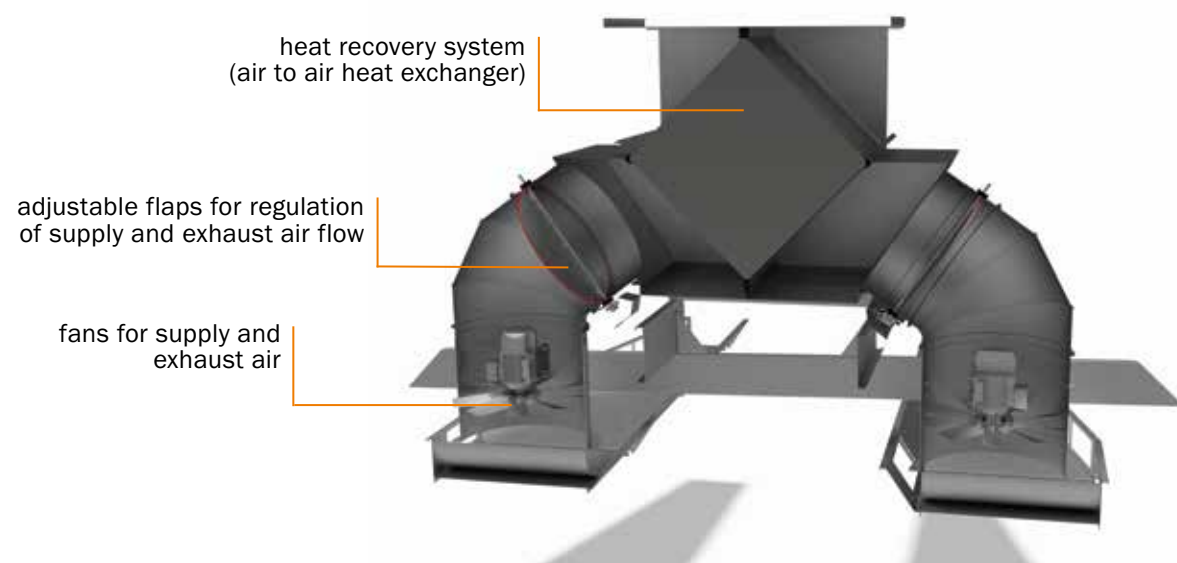
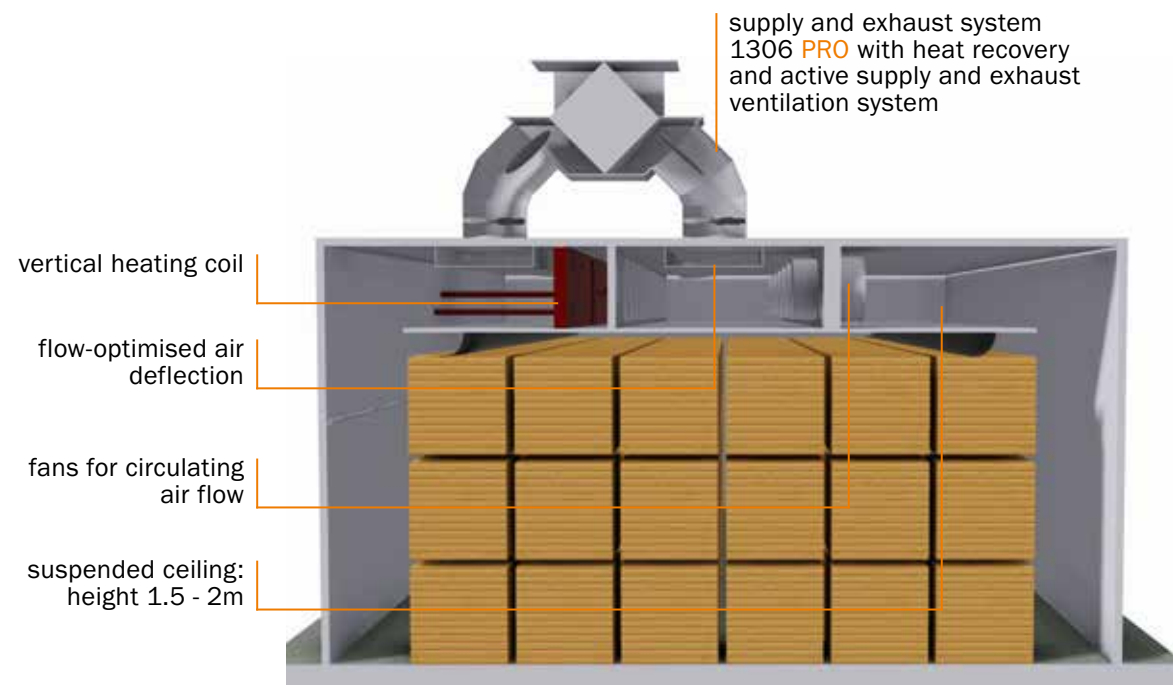
MÜHLBÖCK
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Saving cost on principle!

Plant heat and power consumption are the two biggest cost factors when it comes to the drying of timber. That is why 1306 PRO drying kilns are uniquely designed from first principles to reduce the thermal energy requirement and power consumption by up to 25%, without any restrictions on the drying process. This is made possible by the engineering design of the kiln, with its unique air supply and exhaust system and vertical heater coil.

Drying system 1306 PRO

Construction and components



Compare it for yourself and you will be convinced!



Don't throw your energy away

The air for drying is heated by the heating coil and is used 100% for drying, regardless of which direction it is guided through the wood stack.

+ Saturated exhaust air is discharged - **100% of the air** heated by the heater coil is used for drying.



- Warm partial airflow that is **not of use** for drying is discharged.



To stop you getting exhausted

All of the drying air, recirculated by air circulation fans, in the 1306 PRO drying kilns is actually used for drying.

Unlike conventional systems, the air supply and exhaust fans simultaneously ensure that the total volume of circulating air in the drying system remains constant and is not reduced.

+ **All of** the circulated air volume is used for drying.



- Air volume that is circulated by fans, reduced by partial exhaust airflow, is used for drying.



Your additional advantages

Heat recovery with 1306 PRO

Standard heat recovery systems, such as those used in conventional drying kilns, have their limits in terms of thermal efficiency. The active exhaust air in the 1306 PRO drying kilns allows significantly higher heat recovery rates to be achieved.

For you this means:

- Greater savings in thermal energy
- Lower connected loads for the heating system, combined with lower investment and running costs for the heating supply network
- Smoothing out of overall heat consumption due to higher efficiency of the heat recovery systems with cold outside temperatures during winter
- When required, with the optional bypass, heat recovery can be bypassed through air ducting. The ideal tool for efficient energy management

