



**Eberl**

The Steam Dryer

 **Dry**

Fast pressure steaming and drying at the same time



Energy saving machines up to a volume of 100 m<sup>3</sup>

Actively pursuing a climate-neutral industry - because wood is our passion.



Steaming  
Drying while steaming  
or vacuum drying



In the conventional steaming process, coniferous woods require very long steaming times for obtaining the shade of antique wood, three weeks as a rule. In addition to that, specific and expensive heating systems are necessary for steam production. After the steaming process, the wood needs to be restacked and dried in a complex process.

The EBERL steam dryer was specifically developed for fast and economic steaming and at the same time drying coniferous wood. But also many types of hard wood obtain really interesting colour shades.

stone pine

pine

larch

douglas fir

spruce



alder

maple

beech

ash

oak

### Special features and advantages of the procedure:

- A saturated steam atmosphere can only be created in a tank. This ensures exact temperature distribution and colouring.
- The high steam temperature in overpressure shortens the colouring process extremely. This saves a lot of time and energy.
- The superheating and dehumidification of the steam atmosphere enables controlled drying during the steaming process and thus saves one work step.
- Optimal thermal insulation saves a lot of energy at these high temperatures.



The steam dryer is powered by electricity, works very economically and does not require an external heating connection. Thus, the location can be chosen flexibly. Commissioning and operation are simple and practical.

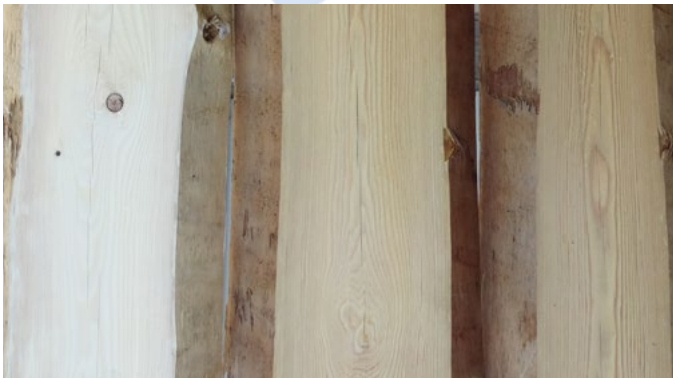
## Spruce

Steamed to end and dried

natural colour

within 7 days

within 10 days



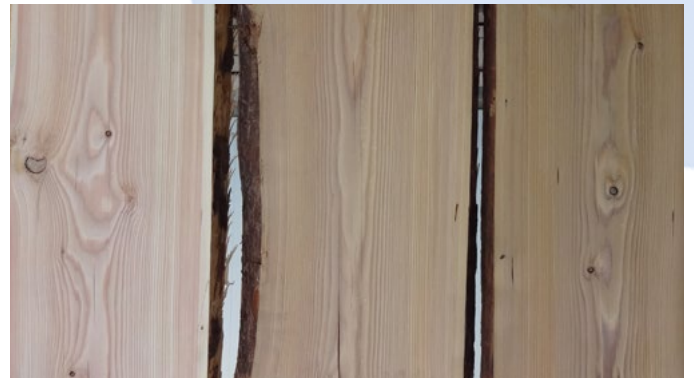
## Larch

Whether fresh or air-dry, the colouring is always the same.

natural colour

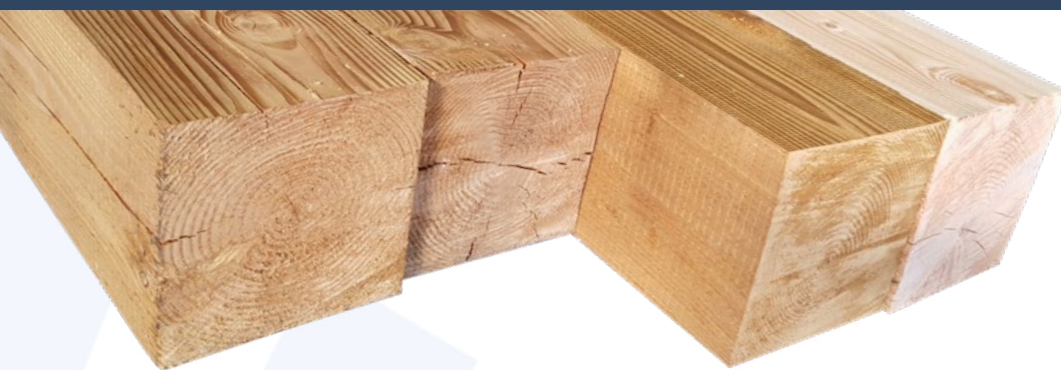
within 7 days

within 10 days



## Douglas fir

Strong dimensions



Antique wood effect  
down into the core

# The Steam Dryer – technical data

Technical data	Type	20/65	20/125	25/150	27/150	29/150	34/150	34/225
Kiln diameter	m	2	2	2.5	2.7	2.9	3.4	3.4
Stack room length	m	6.6	12.6	15.1	15.1	15.1	15.1	22.6
Stack room width	m	1.2	1.2	1.25	1.4	1.25	1.5	1.5
Stack room height	m	1.58	1.58	2.18	2.28	2.58	3.03	3.03
Stack room gross capacity	m <sup>3</sup>	12.5	23.9	41.1	48.2	48.7	68.6	102.7
Length of the kiln	m	10	16	18.5	18.5	18.5	18.5	26
Width of the kiln	m	2.5	2.5	3	3.2	3.4	3.9	3.9
Height of the kiln	m	2.6	2.6	3.1	3.3	3.5	4	4
Electrical power supply	kW	24	45	81	88	96	117	168
Average consumption	kW	6	11	18	22	22	32	45

The machines are available in variable lengths (0.5 m increments).

- Innovative solutions
- State-of-the-art control technology with remote access
- Competent support
- Top customer service

## Your Eberl Team



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