

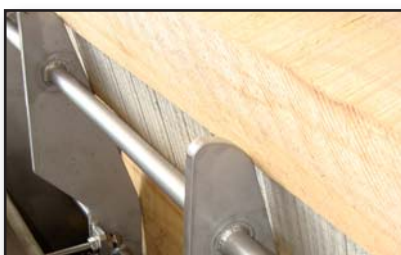


H 501/E

Friction smoke generator



Intensive but economical and environmentally friendly smoke



VEMAG Friction smoke generator H 501/E

Economical and environmentally friendly production

VEMAG's H 501/E friction smoke generator delivers a dense, yet mild-tasting smoke as a result of the generous cross-section of the wood (100 x 100 mm) in combination with a friction wheel optimized for intensive smoke generation and special air routing. This results in short smoking times on both hot-smoking and climatized maturing installations. With the large magazine for 6 wooden staves and automatic stave change, however, it is also possible to produce continuously for prolonged smoking times of up to 6 hours.

The friction smoke generator handles the smoking material very sparingly by using it completely and at maximum efficiency. It processes both dry and fresh sawn wood, reducing purchase costs significantly. The sophisticated smoke routing involving a labyrinth and screen keeps chips, sparks and soot in the smoke generator and away from the product.

Furthermore, as the H 501/E friction smoke generator from VEMAG can be operated with recirculated air, expensive exhaust air cleaning can be dispensed with, ensuring an economical and envi-

ronmentally friendly production process.

Highly reliable and easy to clean

The extremely robust, pneumatically-driven chain feed reliably forces the wood against the hardened friction wheel made of special steel. Operation and loading are both exclusively from the front, which is very user-friendly. Smoke generation in the friction chamber is completely separate from the wood transport mechanism for hygiene reasons. The smoke routing components are easy to remove and make the friction chamber particularly quick and easy to clean. Residues can quickly be removed from the easily accessible friction wheel using the tool supplied.

Identical results - with certainty

The H 501/E always produces consistent smoke, regardless of wood quality or moisture content. This automatic operation gives you the certainty of achieving identical results in every smoke cycle. Full smoke output is always achieved within a few seconds, achieving very good reproducibility across batches.

The H 501/E satisfies all the relevant safety regulations.

Flexibly combined with the control unit

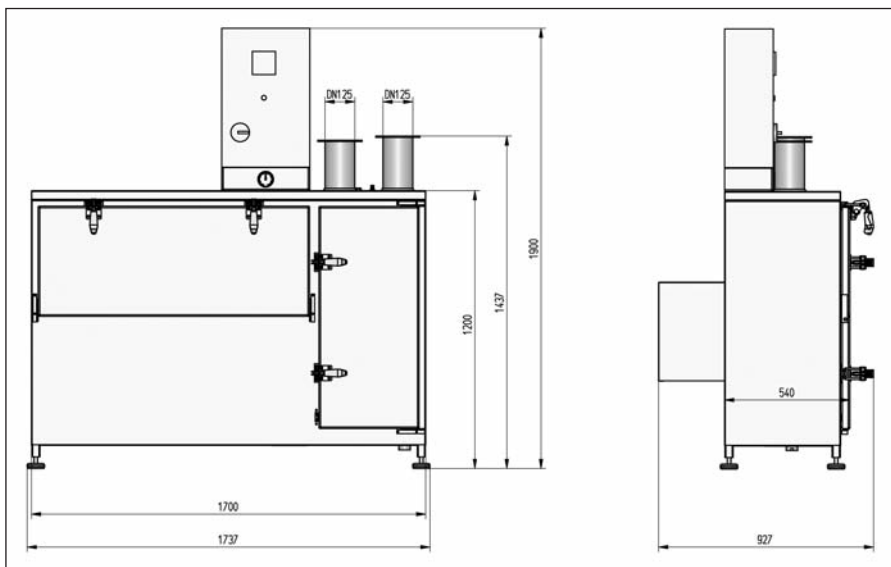
The H501/E is equipped with a user-friendly compact control unit. This enables it to be operated in one of two modes. In manual mode, it works completely independently. In conjunction with VEMAG hot-smoking or climatized maturing installations, it is fully integrated in the automatic operation of these installations.

Features

- Pneumatic wood feed
- Feed control for wooden stave
- Magazine for 6 wood staves
- Automatic stave change
- Hardened friction wheel made of special steel
- Spray nozzles for friction wheel, friction chamber and screen
- Temperature control
- Cleaning tool for friction wheel
- Compact control unit in switch cabinet
- Inspection and testing log book

Technical data

- Smoking material: wood stave, beech or oak
100 x 100 x 1000 mm
- Electrical rating: 9 kW
400 V, 50 Hz, 3~, 35 A
special voltages on request
- Compressed air connection: 8-10 bar
hose D 8 x 6
- Compressed air consumption:
approx. 6 l/h
- Wasseranschluss: 3-4 bar
connection R 1/2"
- Water connection: approx. 50 l/h
- Waste water connection: DN 50
- Smoke connection: 2 x DN 125
- Connection to cleaning system:
connection R 3/4"



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