

# TURBOMAT T3000

Universal systems for industrial  
batch operation

Pay attention to our USPs

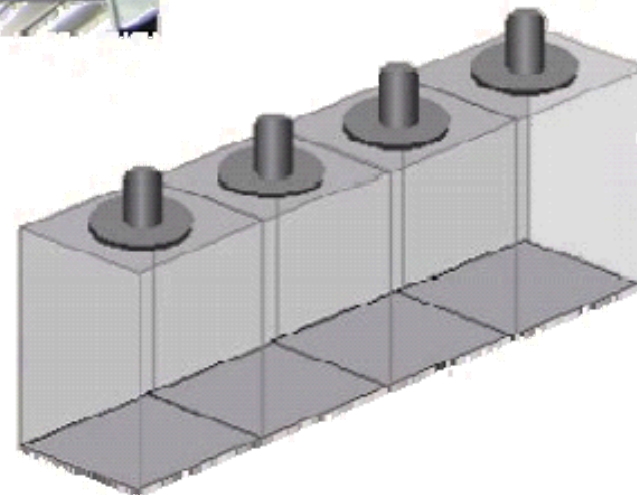
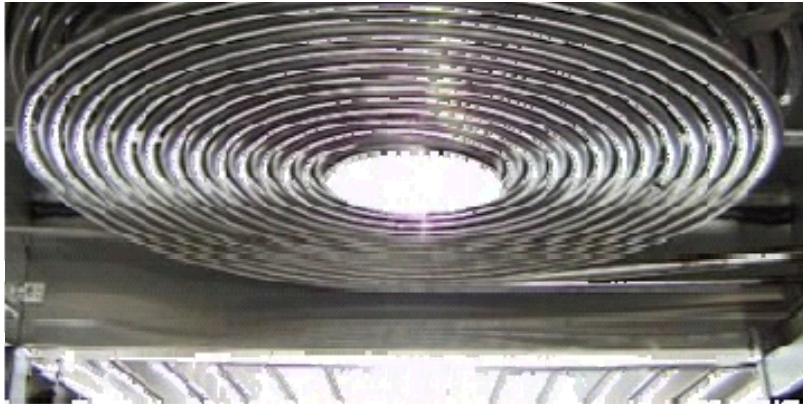


# Operation Principle



- uniform drying throughout the whole chamber
- very consistent products
- short process times
- flexible production
- low operating costs
- CIP: low cleaning effort

# TURBOMAT – principle



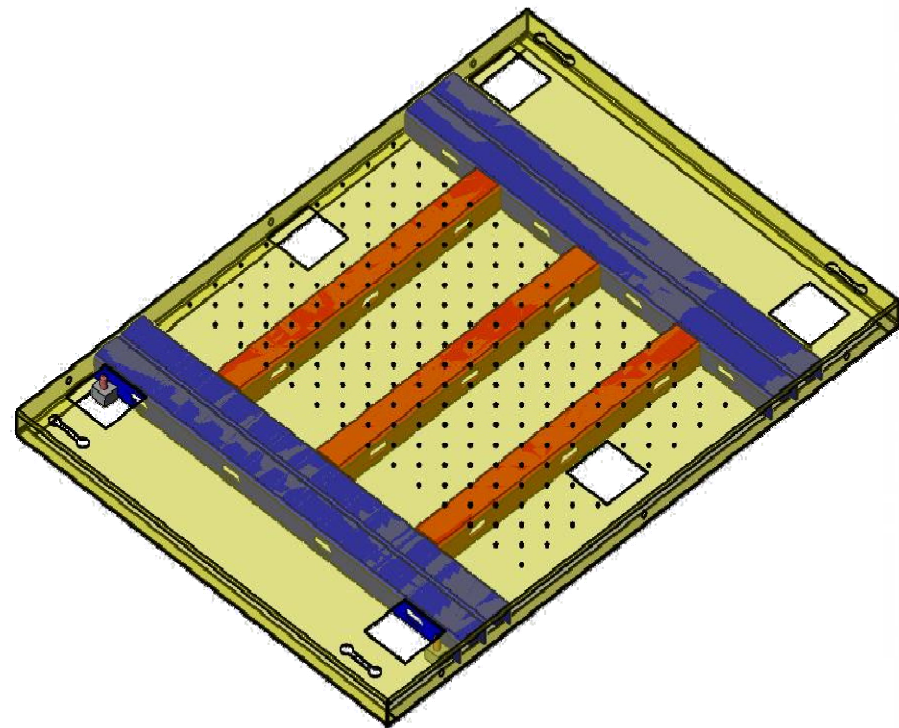
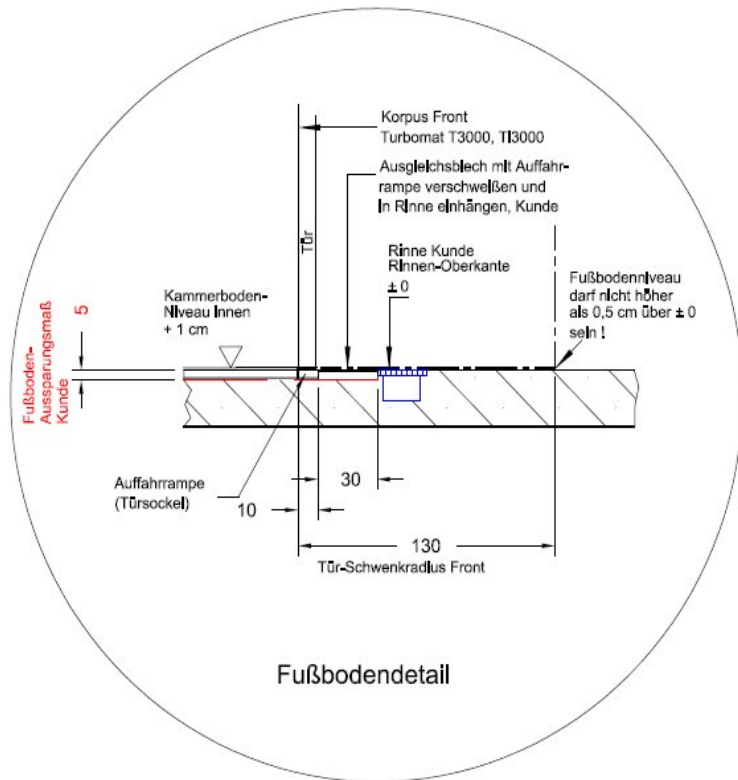
closeness of fan, heater and products

# Pay attention to the details!



high quality, non-slip floor suitable for heavy duty prepared to be inserted in the existing factory floor

# FESSMANN hygiene floor



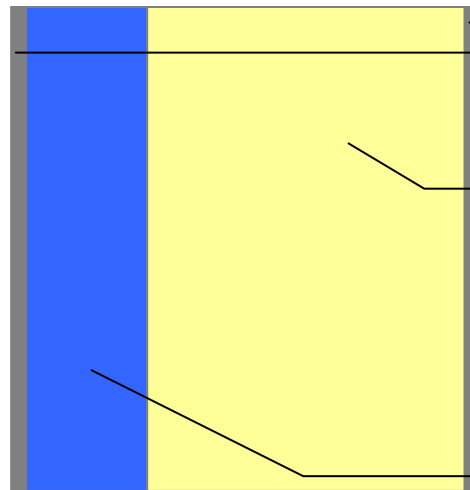
# FESSMANN ecoline the energy-offensive

## FESSMANN – Triplex insulation

overall thickness = 80mm

overall thickness = 50mm  
plate thickness of 3mm  
respectively 6mm in the range of  
the t-profiles

cut of a wall segment



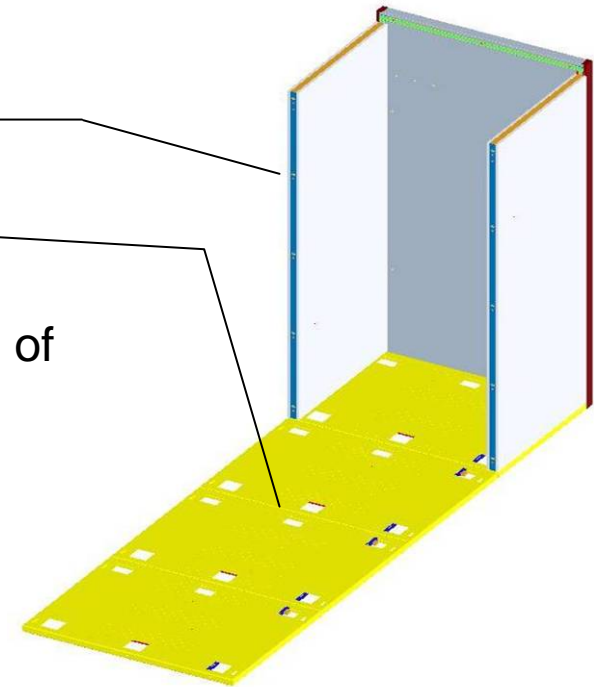
2x stainless steel plate  
thickness = 1,0 mm

PU-foam insulation = 68 mm  
thermal insulation value:

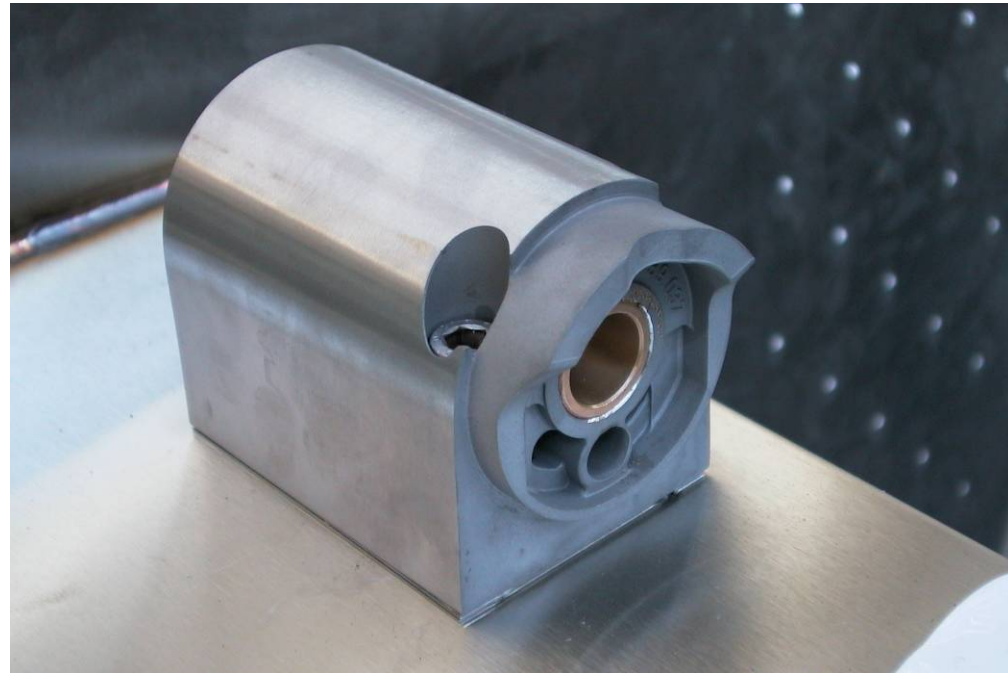
former U-value: 0,64 with mineral wool  
present U-value: 0,36 with PU-foam

(U-value: 12,81 without insulation)

high temperature insulation plate, insulation = 10 mm  
(allows welding inside the chamber)



# Lifting door hinges made of stainless steel!



# Door locks made of stainless steel!





# Door sealing and door design!



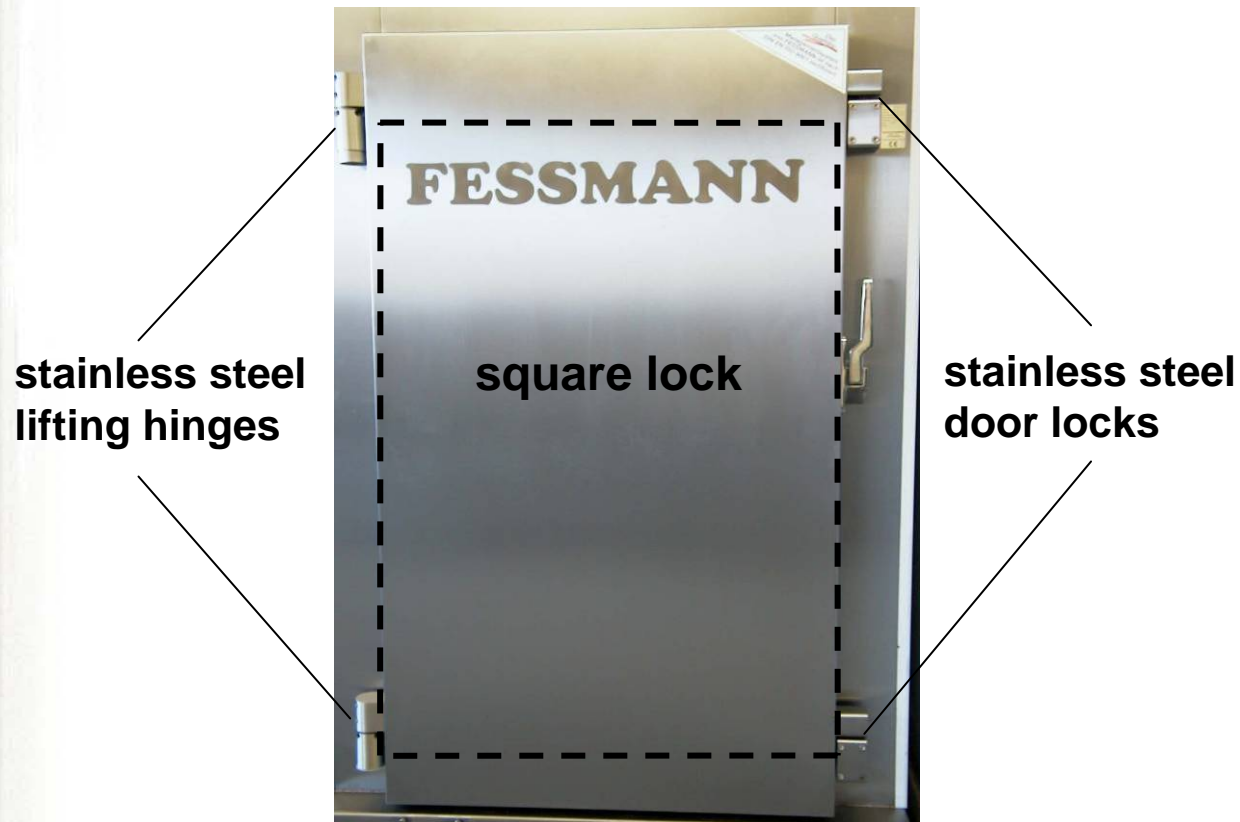
durable door sealing thanks to the lifting door hinges and the vulcanized corner of the sealing



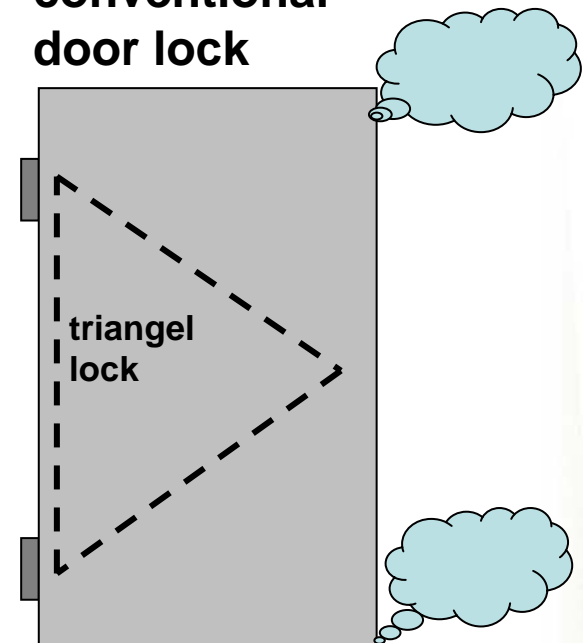
weak points of conventional doors of competitors

# Door lock system FESSMANN

**no leakage!**



**conventional door lock**



# There's more in it for you...

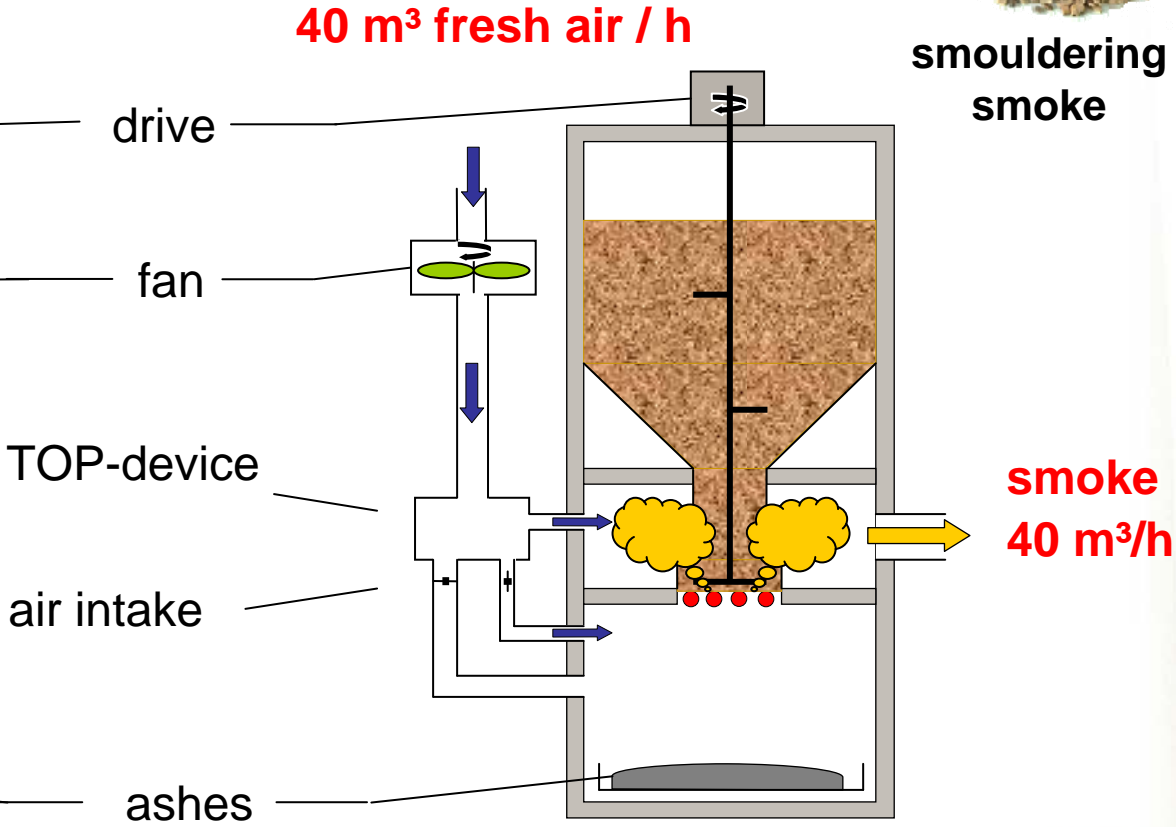
## TURBOMAT T3000 – Customer benefits

1. The installation is completely steam tight, which guarantees a long lifetime and very low operating costs.
2. Frequency converter enables the selection of the optimum air speed adjustable to all kind of your products.
3. Thanks to the modular design it is always possible to extend the installation.
4. In comparison to other systems, the T3000 guarantees less weight loss by shorter processing times - this results in higher capacities and more profit!



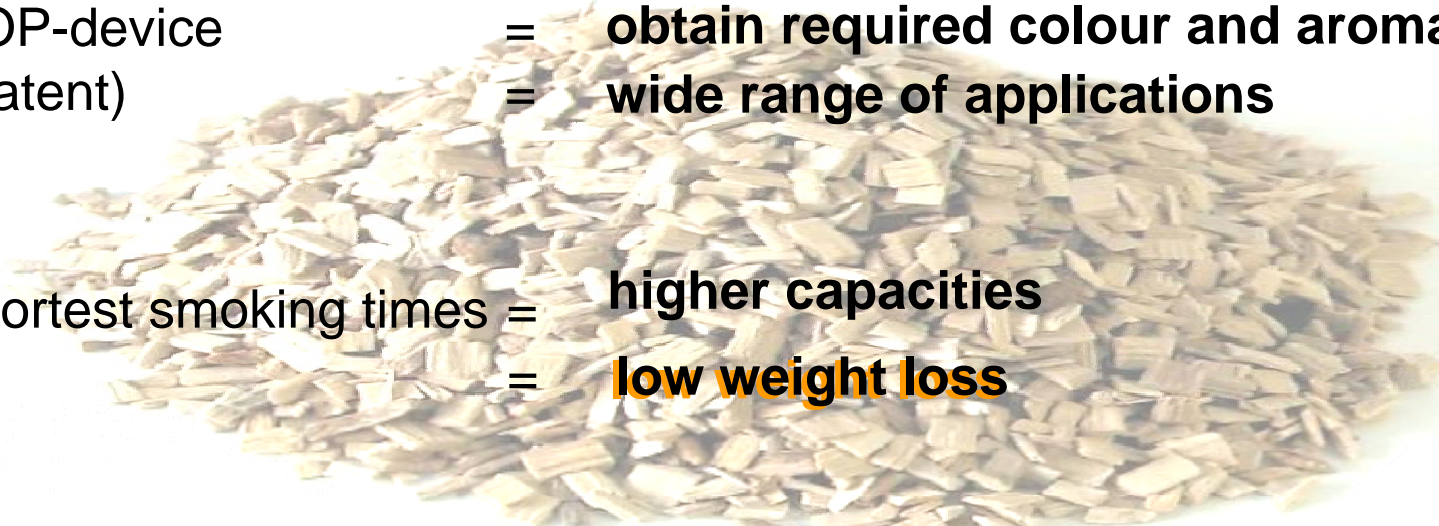
# RATIO-TOP 325

## FUNCTION:



# There's more in it for you...

## RATIO-TOP – customer benefits

- 
- TOP-device (patent) = obtain required colour and aroma  
= wide range of applications
  - shortest smoking times = higher capacities  
= **low weight loss**
  - low operating costs = low consumption of smoking material

# Smoke generator RZ325



wood chips type KL 2-16

10 l smoking material = 2,7 kg

## smouldering smoke

	light smoke	medium smoke	intensive smoke
smoking time in min.: (with 2,7 kg)	100	70	40
agitating interval:	2 sek. agitating 70 sek. pause	2 sek. agitating 30 sek. pause	5 sek. agitating 15 sek. pause
consumption/h:	1,62 kg	2,31 kg	4,05 kg

Source: measurement F. Scheib f. 07.05.2008



# There's more in it for you...

## customer benefits RZ325

1. short smoking times thanks to rapid generation of very high smoke concentration
2. variable smoke intensity
3. wide variety of smoke aromas and colour nuances
4. TOPs selectable using **FOOD.CON**

TOP1: light smoke

TOP2: medium smoke

TOP3: intensive smoke



# FOOD.CON

## „Programme your success“



**FOOD.CON Touch 12“**

- simple and user-friendly control of all system parameters
- both self-diagnosis and remote maintenance guarantee maximum availability and minimal downtime
- operation of multiple systems with one control
- several modules selectable (compact panel, 12“ touchscreen, 15“ touchscreen for user-friendly operation of multiple systems)
- display suitable for graphics



# FOOD.CON

## „Programme your success“



FOOD.CON Touch 12“

- temperature profile display (house and core) within the continuous product program
- improved temperature control
- comfortable creation of product programs – 99 programs can be saved
- product program messages are displayed in clear text → clear program overview
- clear operator guidance
- possibility to enter batches
- compatible to existing Fessmann systems