



## **Multi-talent for automated insulation. Our WALLTEQ M-310/M-380 insuFill.**

The WALLTEQ M-310/M-380 insuFill with an integrated insulation plate enables you to automatically insulate your timber elements such as external walls, roof and floor elements as well as gable elements and special elements. The CNC-controlled multifunction bridge accurately moves the insulation plate exactly over the respective framework compartments. All specifications relating to the framework compartments i.e. their position, shape and size are stored in the CAD and transferred to the insulation plate via interface.

### **Your benefits at a glance**

#### **Constant high quality**

Quality assurance thanks to seamless documentation and verifiable fill quantities

#### **Significant material savings**

No material waste and simplified storage

#### **High level of efficiency**

Rapid and uniform insertion of the insulation without operator

#### **Humanization of the work process**

Significantly reduced volume of dust for the employees

# Basic equipment:



**Fully automated positioning of the insulation plate** above the respective frame work compartment.



**Simplified working processes and less space requirement** through optimized logistics.



**Fully automated data transfer** from all established CAD programs.



**Wide range of insulation materials**, such as cellulose, wood fiber, mineral wool can be insulated.



**Automatic calculation of the filling quantity** enables the optimal and consistent density distribution of the insulation material in each compartment.

Einblasprotokoll Weinmann										Auftrag: 1234	Verstärkung: 0				
Maschine: MAULFLOC G1										Schlauchlänge [m]: 60	Einblaslänge [m]: 1				
Nr.	Länge [mm]	Breite [mm]	Höhe [mm]	Punkt [mm]	Ordnung	Ziel-Druck [bar]	Maximal-Druck [bar]	Komfort-Druck [bar]	Material	Element	Gebläse [l/s]	Einblas-Geschw. [m³/h]	Substanz-Geschw. [m³/h]	Einblas-Geschw. [m³/h]	
100	520	793	200	60	60	0,1110	55	40	0	44	5140	0	12	0	0
101	560	1260	200	60	60	0,1110	55	40	0	44	5140	0	26	0	1
102	285	1678	200	1260	60	0,1110	55	40	0	44	5140	0	17	0	0
103	373	1468	200	1643	2160	0,1000	55	80	0	27	5140	0	3	0	0

**Consistent documentation of the insulation process** via insulating record.

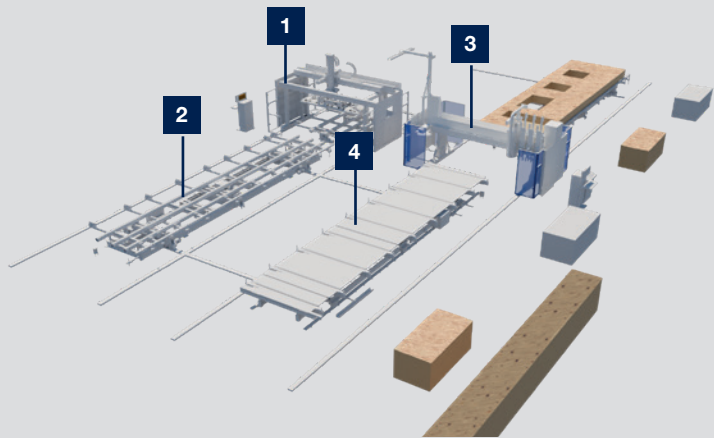


**The optimum filling quantity** is selected depending on the compartment.



# Two versions for your requirement:

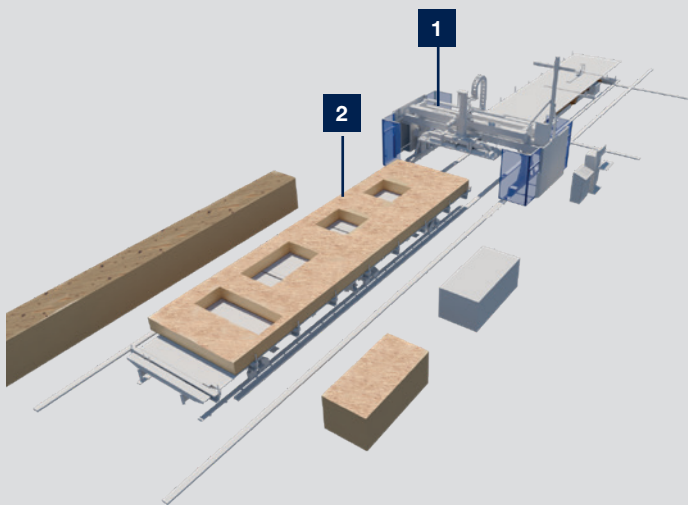
## WALLTEQ M-310 insuFill – Integrated in production lines as insulation station



- Fully automatic insertion of loose insulation material into wall elements as well as gable triangles or special elements
- Can be combined with any work tables, e.g. self assembly table, carpentry table or already existing work tables
- Suitable for small and medium-sized companies as well as industrial customers
- **Optional:** rotatable injection plate at 90° for floor and roof elements (manual or pneumatic)

- 1** WALLTEQ M-310 insuFill
- 2** Assembly table
- 3** WALLTEQ M-340/M-380
- 4** Butterfly turning table

## WALLTEQ M-380 insuFill – Fully automatic insulation, fastening and processing with one machine



- Fully automatic insertion of loose insulation material in wall, roof and floor elements as well as gable triangles or special elements
- Can be combined with any work tables, e.g. self assembly table, carpentry table or already existing work tables
- Suitable for medium-sized companies and industrial customers
- **Optional:** various processing and fastening options, such as drilling, sawing, trimming, marking, labeling, screwing, stapling and nailing

- 1** WALLTEQ M-380 insuFill
- 2** Butterfly turning table

SPACE REQUIREMENT	PRODUCTION LINE WITH WALLTEQ M-310 INSUFILL	PRODUCTION LINE WITH WALLTEQ M-380 INSUFILL
production line width (m)	16.7	10.65
production line length for 6 m elements (m)	24.2	24.25
production line length for 8 m elements (m)	28.2	28.25
production line length for 10 m elements (m)	32.2	32.25
production line length for 12 m elements (m)	36.2	36.25

ELEMENT DIMENSIONS	WALLTEQ M-310 INSUFILL	WALLTEQ M-380 INSUFILL
max. width (mm)	3,200 (optional 3,800)	3,810
min. height (mm)		75
max. height (mm)		500
length (m)		customer-specific

TECHNICAL DATA	WALLTEQ M-310 INSUFILL	WALLTEQ M-380 INSUFILL
insulating performance	approx. 10-20 m <sup>3</sup> / h (depending on the insulation material and element dimensions)	
time requirement per wall element	approx. 20-30 min (depending on the insulation material and element dimensions)	