THERMOFLOC®
Intelligent Insulation System

THERMOBLOW-Blow-in technology

THERMOBLOW - MOBILE BLOWN-IN TECHNOLOGY

THERMOFLOC has decades of experience in the field of blow-in technology. Based on our expertise in the practical use of blown-in insulating materials, we have developed several different types of blowing machines. Specialist processing companies in particular appreciate our expertise in blow-in technology as well as the high quality and efficiency of our machines. All machine versions are characterised by short setup times, manageability and excellent performance. The mechanical relay technology ensures low-maintenance continuous operation. Accessories and spare-parts are easily and quickly available.

- **THERMOBLOW 200**
  The most cost-efficient and smallest 230 V machine when it comes to blow-in technology. The insulating material compressed in the bags is broken up in material containers and loosened with the help of agitator arms. The loosened insulating material moves into the rotary vane feeder where the air pressure created by 1 blower feeds it into the hoses and then into the cavities to be insulated. This machine type is suitable for processing cellulose and EPS blown-in insulating materials.

- **THERMOBLOW 300**
  This machine, like all other THERMOBLOW machines, is characterised by robustness, short setup times and ease of handling. As with the THERMOBLOW 200, the insulating material is poured into the hopper and loosened up by the agitator arms. The insulating material then moves into the rotary vane feeder where the air pressure created by 2 blowers transports it via hoses into the structural components to be insulated. This machine type is also suitable for processing cellulose and EPS blown-in insulating materials.

- **THERMOBLOW 500**
  THERMOBLOW 500 is similar to the THERMOBLOW 300 in terms of dimensions, construction, material preparation and material feed but, in contrast to the THERMOBLOW 300, it has a more powerful drive motor and 2 more powerful blower motors. In addition, the THERMOBLOW 500 can be operated either with lighting current or heavy current and as a result the output can be perfectly adjusted to the project to be carried out. This machine is also only capable of processing cellulose and EPS blown-in insulating materials. An additional blower is needed to process wood fibre, rock wool or glass wool blown-in insulating materials.

- **THERMOBLOW 700**
  This machine is the most powerful machine and therefore the all-rounder among the THERMOBLOW blowing machines, as it can process all popular blown-in insulating materials, such as cellulose, wood fibre, rock wool and glass wool. Compared to the other THERMOBLOW blowing machines, the THERMOBLOW 700 uses screws rather than agitator arms to loosen up the insulating material. This machine is particularly suitable for construction projects where very large quantities of blown-in insulating materials have to be processed.

Types of blow-in machines	THERMOBLOW 200	THERMOBLOW 300	THERMOBLOW 500	THERMOBLOW 700
				
Power/material processing speed	800 kg	800 kg	1.050 kg	1.495 Kg
Drive motor	1,0 hp / 0,75 kWh	1,0 hp / 0,75 kWh	1,5 hp / 1,12 kWh	1,5 hp / 1,12 kWh
Connected load	230 V/16 Amp.	230 V/16 Amp.	2 x 230 V/16 Amp. or 400 V/16 Amp.	2 X 230V /16 Amp.
Blower	1 x 1,6 kWH	2 x 1,0 kWH	2 x 1,5 kWh	2 x 1,6 kWh
Blower control	Manual	Manual	Manual	Manual
Agitator speed control	Manual	Manual	Manual	-
Amount of material control	Material slider	Material slider	Material slider	Material slider
Opening rotary feeder	V = ca. 13,7 l	V = ca. 12,3 l	V = ca. 12,3 l	V = ca. 25,4 l
Dimensions (L x W x H)	56 x 71 x 160 cm	67 x 97 x 144 cm	67 x 97 x 144 cm	67 x 122 x 125 cm
Weight without accessories	ca. 130 kg	ca. 195 kg	ca. 195 kg	ca. 290 kg
Hopper size	ca. 0,4 m³	ca. 0,4 m³	ca. 0,4 m³	0,4 m³
Machine control	Radio remote control	Radio remote control	Radio remote control	Radio remote control
Conveying height	15 m	15 m	21 m	27 m
Hose lenght max.	75 m	75 m	90 m	120 m
Suitable insuation materials*	TF / EPS	TF / EPS	TF / EPS	TF / EPS / WF / MF

***TF Thermofloc - cellulose fibre**
***HF Wood fibre**
***MF Mineral fibre**
***EPS Expanded polystyrene**