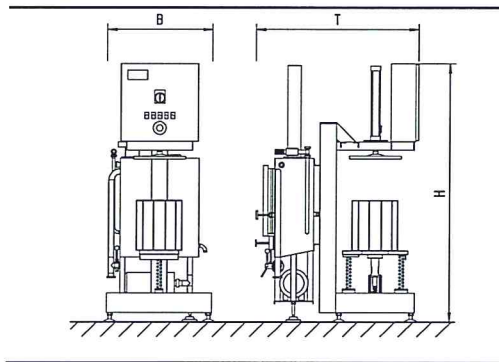


type: MICROMAT M 1/1-F



Construction:





- The MICROMAT is equipped with an elevating platform and includes all electric and pneumatic parts required for its operation.
- The infeed of empty KEG and the discharge of filled KEG is done manually.
- By means of an integrated soft- and hardware PLC control the filling process is done full automatically. The operator only presses two buttons for starting the automatic filling process.
- Initiators monitor the positions of pneumatic cylinders.
- The base frame is made of stainless steel.
- Pipe-work, valves and all important mechanical elements are made of stainless steel.
- The MICROMAT fills Dolium KEGs, PETainer and stainless steel KEGs.



General technical data

Capacity	50 - 60 KEG/h		
Dimensions	depth (T)	:	1.300 mm
	width (B)	:	800 mm
	height (H)	:	2.200 mm ± 50
	height of working station	:	660 mm ± 50
Connections	product	:	DN 25
	media	:	DN 25
	control air	:	socket ¾ "
Electrical connection	voltage	:	230/400 V, 50 Hz
	electrical load	:	1 kW (without tank pumps)
Noise level	The noise level is in accordance with the German rules for prevention of accidents, less than 85 dB A.		

Energy consumption for the required media

	media	pressure and temperature	consumption/KEG
	• hot water	2 - 3 bar Ü (80 - 95 °C)	0,25 l
	• saturated steam	0,5 bar Ü (111 °C) to 1,5 bar Ü (127 °C)	ca. 0,05 kg
	• pressure air (oil-free)	4 - 10 bar Ü	0,13 m ³
	• counter-pressurization gas CO ₂ , N ₂ , sterilized air	2,5 - 5,5 bar Ü	CO ₂ - consumption: 50 - 75 g for a 20 l KEG and a counter- pressure of 2 bar in the product



Attention! We assume that pressure reducing valves are installed. These media should be adjustable within the range of pressure indicated.