



KEG - TECHNIK

MICROMAT M 1/1-F DOLIUM KEG



filling machine
for

DOLIUM
One-Way PET Kegs





Construction MICROMAT M 1/1-F Dolium

- The MICROMAT is equipped with an elevating platform and includes all electric and pneumatic parts required for its operation
- The infeed of empty Dolium Kegs and the discharge of filled Dolium Kegs is done manually.
- By means of integrated control soft- and hardware 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 welded stainless steel.
- Pipe-work, valves and all important mechanical elements are also of stainless steel.

General technical data

Capacity	50 - 60 Dolium 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 connections	voltage	:	230/400 V, 50 Hz / 480 V, 60 Hz
	connection power	:	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/DoliumKeg
	• 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 Dolium 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.