LÖMI GmbH
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MIM Debinding Furnaces

Models EBA-300 to EBA-2500

For large numbers of MIM parts

- Solvent extraction of binder systems
- Closed system, technically mature and robust
- Integrated vacuum drying
- Separate solvent recovery system, matched to process*
- Explosion-proof according to ATEX-Directive 94/9/EC
- Stainless steel design
- Made in Germany

* Size of system depending on solvent, debinding/drying times and volume of debinding chamber

Photo: 2x EBA-2500 with optional equipment

Photo: VDA-3000 and 3x EBA-900 with optional equipment

LÖMI Process Technology
Excellence in PIM Debinding and Solvent Recovery since 1991

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MIM Debinding Furnaces

Model	EBA-300	EBA-450	EBA-600
Loading space for MIM rack(s), length x width x height	650 x 450 x 450 mm	1000 x 450 x 450 mm	1350 x 450 x 450 mm
Inner dimensions of debinding chamber, diameter x length	700 x 650 mm	700 x 1000 mm	700 x 1350 mm
Volume of debinding medium approx.	270 l	420 l	570 l
Circulation rate of debinding medium during process, adjustable	0 – 50 l/min	0 – 50 l/min	0 – 105 l/min
Operating temperature	max. 80 °C	max. 80 °C	max. 80 °C
Type of protection	Ex II 2 G T5	Ex II 2 G T5	Ex II 2 G T5
Average energy consumption per hour approx.	2.0 – 3.0 kWh*	2.5 – 3.5 kWh*	4.0 – 5.0 kWh*
Width	1100 mm	1100 mm	1100 mm
Height	1350 mm	1350 mm	1350 mm
Depth	1800 mm	2150 mm	2500 mm
Empty weight approx.	450 kg	580 kg	700 kg

Model	EBA-900	EBA-1350	EBA-2500
Loading space for MIM rack(s), length x width x height	1400 x 650 x 580 mm	2100 x 650 x 580 mm	2100 x 850 x 780 mm
Inner dimensions of debinding chamber, diameter x length	900 x 1400 mm	900 x 2100 mm	1185 x 2100 mm
Volume of debinding medium approx.	850 l	1200 l	2300 l
Circulation rate of debinding medium during process, adjustable	0 – 105 l/min	0 – 105 l/min	0 – 105 l/min
Operating temperature	max. 80 °C	max. 80 °C	max. 80 °C
Type of protection	Ex II 2 G T5	Ex II 2 G T5	Ex II 2 G T5
Average energy consumption per hour approx.	6.0 – 7.0 kWh*	7.0 – 8.0 kWh*	10.0 – 12.0 kWh*
Width	1320 mm	1320 mm	1600 mm
Height	1600 mm	1600 mm	1800 mm
Depth	2500 mm	3200 mm	3300 mm
Empty weight approx.	1000 kg	1200 kg	1500 kg

Technical specifications are subject to alteration and are to be considered as an orientation, since each furnace is engineered and manufactured specifically according to your requirements. Other sizes available on demand.
* Values can only be guaranteed after testing your process.

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