Solvent Debinding Systems for PIM and AM / Industrial 3D Printing

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Technical Specifications







AM Debinding Systems

Solvent Series EDA-AM

For Additive Manufacturing / Industrial 3D Printing

Technical Specifications

Model	EDA-30AM	EDA-50
Batch loading volume, width x height x depth approx.	200 x 216 x 380 mm	225 x 231 x 500 mm
Batch loading volume approx.	16 l	26 l
Integrated tanks	Yes	Yes
Automation level	Semi-automatic	Fully automatic
Operating temperature max.	120 °C	150 °C
Cooling medium	Water or Air	Water
Marking, ATEX 2014/34/EU	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*
Width approx.	525 mm	695mm
Height approx.	1620 mm	1750 mm
Depth approx.	1105 mm	1775 mm

Technical specifications are subject to alteration and are to be considered as an orientation, since each system is engineered and manufactured specifically according to your requirements. Other sizes available on request.

*Optionally available with IECEX Certification. Other Certification on request.

MIM/CIM Debinding Systems

Solvent Series EDA

For small numbers of parts

Model	EDA-50	EDA-150	EDA-250
Batch loading volume, width x height x depth approx.	225 x 231 x 500 mm	280 x 261 x 1000 mm	425 x 362 x 850 mm
Batch loading volume approx.	26 l	73 l	131 l
Operating temperature max.	150 °C	150 °C	150 °C
Marking, ATEX 2014/34/EU	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*
Width approx.	695 mm	845 mm	1100 mm
Height approx.	1750 mm	1980 mm	1980 mm
Depth approx.	1775 mm	2300 mm	2360 mm

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MIM/CIM Debinding Systems

Solvent Series EBA

Model	EBA-50	EBA-150	EBA-250
Batch loading volume, width x height x depth approx.	225 x 231 x 500 mm	280 x 261 x 1000 mm	425 x 362 x 850 mm
Batch loading volume approx.	26 l	73 l	131 l
Operating temperature max.	120 °C	120 °C	120 °C
Marking, ATEX 2014/34/EU	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*
Width approx.	695 mm	845 mm	1100 mm
Height approx.	1300 mm	1430 mm	1555 mm
Depth approx.	1775 mm	2300 mm	2360 mm

Model	EBA-300	EBA-450	EBA-600
Batch loading volume, width x height x depth approx.	450 x 446 x 660 mm	450 x 446 x 990 mm	610 x 524 x 900 mm
Batch loading volume approx.	132 l	199 l	288 l
Operating temperature max.	120 °C	120 °C	120 °C
Marking, ATEX 2014/34/EU	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*
Width approx.	1250 mm	1250 mm	1320 mm
Height approx.	1410 mm	1410 mm	1610 mm
Depth approx.	2095 mm	2505 mm	2215 mm

Model	EBA-900	EBA-1350	EBA-2500
Batch loading volume, width x height x depth approx.	610 x 524 x 1350 mm	610 x 524 x 1800 mm	700 x 800 x 2100 mm
Batch loading volume approx.	432 l	575 l	1176 l
Operating temperature max.	120 °C	120 °C	120 °C
Marking, ATEX 2014/34/EU	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*	Ex II 2G Ex h IIA T3 Gb*
Width approx.	1320 mm	1320 mm	1600 mm
Height approx.	1610 mm	1610 mm	1800 mm
Depth approx.	2615 mm	3115 mm	3300 mm

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Solvent Recovery Systems

Series MDA

For binder systems and other liquid residues

Model	MDA-50	MDA-150	MDA-250
Distillation rate, depending on solvent, water content and type and degree of pollution[1]	8 - 30 l/h	25 - 60 l/h	40 - 90 l/h
Marking, ATEX 2014/34/EU	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*
Width approx.	695 mm	845 mm	995 mm
Height approx.	1750 mm	1880 mm	1880 mm
Depth approx.	1550 mm	2100 mm	2100 mm

Model	MDA-400	MDA-800	MDA-1200
Distillation rate, depending on solvent, water content and type and degree of pollution[1]	60 - 140 l/h	80 - 250 l/h	120 - 300 l/h
Marking, ATEX 2014/34/EU	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*
Width approx.	2450 mm	2470 mm	3100 mm
Height approx.	2510 mm	3110 mm	3350 mm
Depth approx.	2100 mm	2100 mm	2850 mm

Model	MDA-2000	MDA-3000	MDA-4000
Distillation rate, depending on solvent, water content and type and degree of pollution[1]	300 - 500 l/h	400 - 900 l/h	500 - 1300 l/h
Marking, ATEX 2014/34/EU	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*	Ⓔx II 2G Ex h IIA T3 Gb*
Width approx.	3100 mm	3550 mm	3550 mm
Height approx.	3900 mm	4650 mm	4785 mm
Depth approx.	2850 mm	2850 mm	2850 mm

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[1]Non-binding approximate values.