

STUDIO SYSTEM+

Debinder specifications

The Studio System™ debinder immerses green parts in proprietary debind fluid, dissolving primary binder and creating open-pore channels throughout the part in preparation for sintering. With a low emission design, the debinder is safe for use in an office environment. Automatic fluid distillation and recycling means there is no need to refill between each cycle. New features introduced with Studio System+ include adjustable shelving optimized for batch processing.

PHYSICAL	External dimensions	102 x 74 x 57 cm 40 x 29 x 23 in
	Height in open position	160 cm 62 in
	Weight	150 kg 330 lbs without fluid
	Max fluid volume processing tank	17.4 L 4.6 gal
	Max fluid volume storage tank	22.5 L 5.9 gal
	Workload envelope	30 x 20 x 20 cm 12 x 8 x 8 in
	Workholding	Stainless steel basket with adjustable trays (3 levels)
	Vapor management	<ul style="list-style-type: none"> • Low emission design • Vapor-tight tank lid
	Binder management	Disposable binder waste canister
	Fail safes	<ul style="list-style-type: none"> • Over-temperature shutoff control • High vapor pressure shutoff control
	Power requirements	<ul style="list-style-type: none"> • 100-120 VAC, 50/60 Hz, 20 A, 1-phase • NEMA 5-20 plug
	Onboard control	7-inch touchscreen display
	Mobility	Swivel casters with adjustable leveling locks
SOLVENT	Solvent	Desktop Metal's proprietary debind fluid
	Chemical properties	Refer to SDS
	Fluid management	Automatic distillation and recycling
PLATFORM	Network connectivity	Wireless and Ethernet
	Software	Fabricate™ software
	Browser requirements	Accessible via any web browser
	Automation	<ul style="list-style-type: none"> • Auto-generated custom debind cycle • Automatic 2D nesting with part placement instructions • Fluid level monitoring • Live job progress tracking

DIMENSIONS

Studio System™ Office-friendly metal 3D printing

