

**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"> <li>• Low emission design</li> <li>• Vapor-tight tank lid</li> </ul>
Binder management	Disposable binder waste canister
Fail safes	<ul style="list-style-type: none"> <li>• Over-temperature shutoff control</li> <li>• High vapor pressure shutoff control</li> </ul>
Power requirements	<ul style="list-style-type: none"> <li>• 100-120 VAC, 50/60 Hz, 20 A, 1-phase</li> <li>• NEMA 5-20 plug</li> </ul>
Onboard control	7-inch touchscreen display
Mobility	Swivel casters with adjustable leveling locks

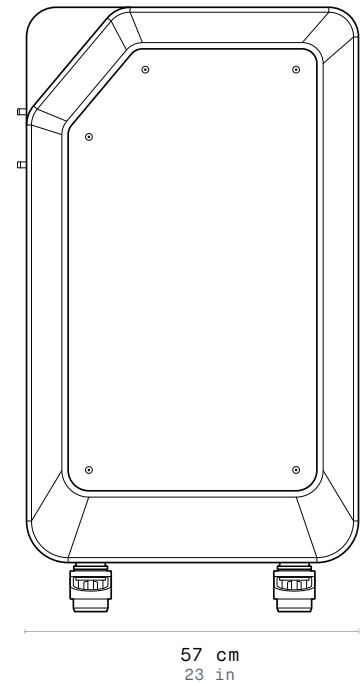
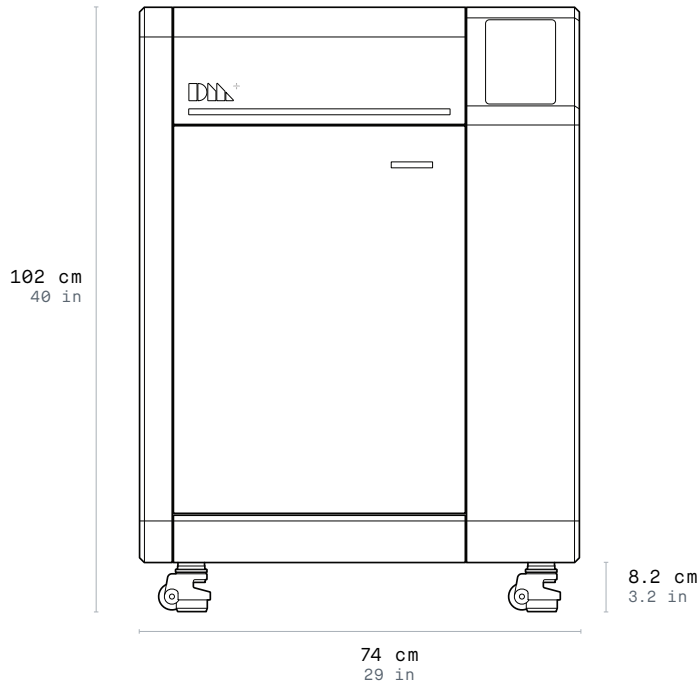
**SOLVENT**

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"> <li>• Auto-generated custom debind cycle</li> <li>• Automatic 2D nesting with part placement instructions</li> <li>• Fluid level monitoring</li> <li>• Live job progress tracking</li> </ul>

**DIMENSIONS**



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