

3D PRINTING SYSTEMS F

CHOOSE BASED ON BUILD

Carbon®

Make engineering-grade parts at speeds and volumes never before possible.



Carbon is the world's leading digital manufacturing platform helping companies break free of the constraints of traditional polymer manufacturing methods.

Reach out to sales@carbon3d.com to learn more.

IPMINFO#8

LITHOZ CERAMIC 3D PRINTING.



VISIT US AT:
AMUG & CERAMIC EXPO

CERAFAB SYSTEM S25, S65, S230 SOFTWARE MATERIALS

Find us on: LinkedIn Lithoz GmbH | Twitter @LithozAustria
Youtube Lithoz GmbH | lithoz.com

IPMINFO#9

INFO#	Company Name/Website	Printer Name	Technology Category	Build Volume (Inches)	Min. Layer Thickness (mm)	Suggested Pricing (U.S.)
100	3dplatform.com	WorkSeries 100	FFF	39.37x39.37x19.685	0.1	CM
		WorkSeries 200	FFF	39.37x39.37x19.685	0.1	CM
		WorkSeries 300	FFF	39.37x39.37x27.559	0.1	CM
		WorkSeries 400	FFF	39.37x39.37x27.559	0.1	CM
		WorkCenter 500	FFF	50x108x31.5	0.2	CM
101	3dsystems.com	ProJet MJP 2500 and 2500 Plus	Material Jetting	11.6x8.3x5.6	0.032	CM
		ProJet MJP 3600 Series	Material Jetting	11.75x7.3x8	0.016	CM
		ProJet MJP 5600	Material Jetting	20.4x15x11.8	0.013	CM
		ProJet MJP 2500 IC	Material Jetting	11.6x8.3x5.6	0.042	CM
		ProJet MJP 2500 W	Material Jetting	11.6x8.3x5.6	0.016	CM
		ProX SLS 6100	SLS	15x15x18	0.08	CM
		sPro 60 HD-HS	SLS	15x15x18	0.08	CM
		sPro 140	SLS	22x22x18	0.08	CM
		sPro 230	SLS	22x22x30	0.08	CM
		ProJet 6000 HD	SLA	10x10x10	0.025	CM
		ProJet 7000 HD	SLA	15x15x10	0.05	CM
		ProX 800	SLA	25.5x29.5x21.65	0.05	CM
		ProX 950	SLA	59x30x22	0.05	CM
		FabPro 1000	DLP	4.9x2.76x1.72	0.03	CM
		Figure 4 Jewelry	DLP	4.9x2.8x1.77	0.03	CM
		Figure 4 Standalone	DLP	4.9x2.8x1.77	0.02	CM
		Figure 4 Modular	DLP	4.9x2.8x1.77	0.02	CM
		Figure 4 Production	DLP	4.9x2.8x1.77	0.02	CM
		NextDent 5100	DLP	4.9x2.8x1.77	0.03	CM
		ProJet CJP 260Plus	Binder Jetting	9.5x7.5x5	0.1	CM
ProJet CJP 360	Binder Jetting	8x10x8	0.1	CM		
ProJet CJP 460Plus	Binder Jetting	8x10x8	0.1	CM		
ProJet CJP 860Pro	Binder Jetting	10x15x8	0.1	CM		
ProJet CJP 860Pro	Binder Jetting	20x15x9	0.1	CM		
DMP Flex 100	Direct Metal Printing	3.94x3.94x3.54	0.01	CM		
ProX DMP 200	Direct Metal Printing	5.51x5.51x4.53	0.01	CM		
DMP Factory 350	Direct Metal Printing	10.82x10.82x16.54	0.01	CM		
DMP Flex 350	Direct Metal Printing	10.82x10.82x16.54	0.01	CM		
DMP Factory 500 Solution	Direct Metal Printing	19.7x19.7x19.7	0.002	CM		
ProX DMP 200 Dental	Direct Metal Printing	5.51x5.51x4.53	0.01	CM		
DMP Dental 100	Direct Metal Printing	3.94x3.94x3.54	0.01	CM		
102	3ntr, sold by Plural Additive Manufacturing pluralam.com	Spectral 30	CM	11.6x11.6x11.6	0.1	CM
103	afinia.com	H800+	Material Extrusion	8x10x8	0.1	\$1,699
		H400+	Material Extrusion	4.7x4.7x4.7	0.15	\$749
		H+1	Material Extrusion	10x8x8.8	CM	\$2,199
104	Aleph Objects, Inc. lulzbot.com	LulzBot TAZ 6	Material Extrusion	9.8x11.2x11.2	0.05	\$2,500
		LulzBot Mini	Material Extrusion	6.2x6x6	0.05	\$1,250
105	bigrep.com	STUDIO G2	Material Extrusion	39x19.7x19.7	0.1	CM
		ONE	Material Extrusion	39.5x39.5x39.5	0.1	CM
		PRO	Material Extrusion	42.5x38.5x31.7	0.4 to 0.6	CM
106	Carbon carbon3d.com	M2	DLS	7.4x4.6x12.8	CM	CM
107	Creative 3D Technologies, Inc. creative3dtechnologies.com	Duo	Material Extrusion	35.8x18.1x26.5	0.01	\$8,800
108	Desktop Metal, Inc. desktopmetal.com	Studio	Material Extrusion	12x8x8	0.05	CM
		Production	Binder Jetting	13x15x13	0.05	CM
		Shop System 4L	Binder Jetting	13.8x8.7x2	0.04	CM
		Shop System 8L	Binder Jetting	13.8x8.7x3.9	0.04	CM
		Shop System 12L	Binder Jetting	13.8x8.7x5.9	0.04	CM
		Shop System 16L	Binder Jetting	13.8x8.7x7.9	0.04	CM
		Fiber HT	QAFP and FFF	12.2x9.4x10.6	0.05	\$5,595/year
		Fiber LT	QAFP and FFF	12.2x9.4x10.6	0.05	\$3,495/year
109	dynamical3d.com	DT Lite	FFF	25.6x17.7x17.7	0.05	CM
		DT60	FFF	25.7x17.7x17.7	0.05	CM
		HT45	FFF	17.7x11.8x11.8	0.05	CM
		SLCOM1	Sheet Lamination	30x24x24	0.1	CM
110	envisiontec.com	Micro Plus Advantage	DLP	2.36x1.77x3.94	0.025	CM
		Vida	DLP	5.5x3.1x3.95	0.025	CM
		Micro Plus HD	DLP	1.77x1.10x3.94	0.025	CM
		Vida HD	DLP	3.78x2.13x3.94	0.05	CM
		Micro Plus XL	DLP	4.72x2.95x3.35	0.025	CM
		Perfactory P4K 62	DLP	6.3x3.9x8.7	0.025	CM
		Perfactory P4K 75	DLP	7.6x4.7x8.7	0.025	CM
		Perfactory P4K 90	DLP	9.1x5.7x8.7	0.025	CM
		Envision One cDLM Mechanical	cDLM	7.09x3.98x6.9	0.025	CM
		Xtreme HD 3SP	3SP	8.15x15x14	0.05	CM
		Xtreme 3SP	3SP	10x14.25x13	0.05	CM
		Xede 3SP	3SP	18x18x18	0.05	CM
		Vida cDLM	cDLM	5.7x3.2x3.94	0.025	CM
		Vida	DLP	5.5x3.1x3.95	0.025	CM
		Vector 3SP	3SP	11.8x6.9x10.8	0.05	CM
ULTRA 3SP	3SP	10.5x6.9x10.6	0.05	CM		
111	eos-na.com	Formiga P 110 Velocis	Powder Bed Fusion	79x9.8x13	0.06	CM
		EOS P 396	Powder Bed Fusion	13.4x13.4x23.6	0.06	CM
		EOS P 500	Powder Bed Fusion	19.7x13x15.7	0.06	CM
		EOS P 770	Powder Bed Fusion	27.6x15x22.9	0.06	CM
		EOS P 800	Powder Bed Fusion	27.6x15x22.05	0.12	CM
		EOS P 910	Powder Bed Fusion	27.6x15x15	CM	CM
		EOS M 100	Powder Bed Fusion	3.9x3.7	CM	CM
		EOS M 290	Powder Bed Fusion	9.85x9.85x12.8	CM	CM
		EOS M 300-4	Powder Bed Fusion	11.8x11.8x15.8	CM	CM
		EOS M 400	Powder Bed Fusion	15.8x15.8x15.8	CM	CM
EOS M 400-4	Powder Bed Fusion	15.8x15.8x15.8	CM	CM		
PRECIOUS M 080	Powder Bed Fusion	3.15x3.14	CM	CM		
112	exone.com	S-Max+	Binder Jetting	23.6x39.4x70.9	0.28	CM
		S-Max	Binder Jetting	27.6x39.4x70.9	0.24	CM
		S-Print	Binder Jetting	15.75x19.68x31.5	CM	CM
		M-Print	Binder Jetting	15.75x19.68x31.5	CM	CM
		M-Flex	Binder Jetting	9.8x9.8x15.7	.05	CM
		Innovent+	Binder Jetting	2.5x2.5x6.3	.03	CM
113	formalloy.com	X2	DED	79x79x79	0.15	CM
		LZ	DED	79x79x79	0.15	CM

FOR THE MANUFACTURER

VOLUME OR TECHNOLOGY

KEY

- ◊DLM = Continuous DLP
- CM = Contact Manufacturer
- DED = Directed Energy Deposition
- DLP = Digital Light Processing
- DLS = Digital Light Synthesis
- FDC = Fused Deposition Modeling
- FFF = Fused Filament Fabrication
- LFS = Low Force Stereolithography
- NPI = NanoParticle Jetting
- SDI = Selective Deposition Lamination
- SIA = Stereolithography
- SJM = Selective Laser Melting
- SLS = Selective Laser Sintering
- WAAM = Wire Arc Additive Manufacturing

INFO#	Company Name/Website	Printer Name	Technology Category	Build Volume (Inches)	Min. Layer Thickness (mm)	Suggested Pricing (U.S.)
113	FormAlloy, continued	X5	DED	19.7x19.7x19.7	0.15	CM
	formalloy.com	L5	DED	19.7x19.7x19.7	0.15	CM
114	Formlabs, Inc.	Form 2	SLA	5.7x5.7x6.9	0.025	\$3,499
	formlabs.com	Form 3	LFS	5.7x5.7x7.3	0.025	CM
		Form 3L	LFS	13.2x7.9x11.8	0.025	CM
115	GE Additive	Concept Laser Mlab/Mlab R	Powder Bed Fusion	3.5x3.5x3.15	0.02	CM
	ge.com/additive	Concept Laser Mlab 200R	Powder Bed Fusion	4x4x4	0.02	CM
		Concept Laser M1	Powder Bed Fusion	9.8x9.8x9.8	0.02	CM
		Concept Laser M2	Powder Bed Fusion	9.8x9.8x13.78	0.02	CM
		Concept Laser M2 Multilaser	Powder Bed Fusion	9.8x9.8x13.78	0.02	CM
		Concept Laser M Line	Powder Bed Fusion	19.7x19.7x15.75	0.02	CM
		Concept Laser X Line 2000R	Powder Bed Fusion	31.5x15.75x19.7	0.03	CM
		Arcam A2X	Powder Bed Fusion	79x79x71x5	0.050	CM
		Arcam Q10plus	Powder Bed Fusion	79x79x71	0.050	CM
		Arcam Q20plus	Powder Bed Fusion	13.78x11	0.090	CM
		Arcam Spectra H	Powder Bed Fusion	9.8x16.9	0.070	CM
116	GEFFERTEC	arc403	WAAM	31.5x35.4x39.4	30	\$390,000
	gefertec.com	arc405	WAAM	15.7x15.7x19.7	30	\$500,000
		arc603	WAAM	43.3x55.1x67	30	\$750,000
		arc605	WAAM	35.4x35.4x27.6	30	\$890,000
117	HP Inc.	HP Jet Fusion 3D 5200	Binder Jetting	13x11.2x15	0.003	CM
	hp.com	HP Jet Fusion 3D 4200	Binder Jetting	13x11.2x15	0.003	CM
		HP Jet Fusion 3D 580/540	Binder Jetting	13x17.5x9.8	0.003	CM
		HP Jet Fusion 3D 380/340	Binder Jetting	13x17.5x9.8	0.003	CM
		HP Metal Jet	Binder Jetting	16.9x12.6x7.9	0.05	CM
118	Lithoz	CeraFab 7500	DLP	3.0x1.7x6.7	0.1	CM
	lithoz.com	CeraFab 7500 Dental	DLP	3.0x1.7x6.7	0.1	CM
		CeraFab System S25	DLP	2.52x1.57x12.6	0.1	CM
		CeraFab System S65	DLP	4.05x2.52x12.6	0.1	CM
		CeraFab System S230	DLP	7.56x4.72x19.68	0.25	CM
119	MakerBot Industries	Replicator+	Material Extrusion	6.5x7.6x11.6	0.1	\$2,799
	makerbot.com	Replicator Z18	Material Extrusion	18x12x11.8	0.1	\$6,499
120	Markforged, Inc.	Onyx One	Material Extrusion	12.6x5.2x6.06	CM	CM
	markforged.com	Onyx Pro	Material Extrusion	12.6x5.2x6.06	CM	CM
		Mark Two	Material Extrusion	12.6x5.2x6.06	CM	CM
		X3	Material Extrusion	13x10.6x7.9	CM	CM
		X5	Material Extrusion	13x10.6x7.9	CM	CM
		X7	Material Extrusion	13x10.6x7.9	CM	CM
		Metal X	Material Extrusion	9.84x8.6x7.9	CM	CM
121	Massivit 3D	Massivit 1800 Flagship 3D Printer	Material Jetting	57x44x70	CM	CM
	massivit3d.com	Massivit 1500 Exploration 3D Printer	Material Jetting	58x46x54	CM	CM
122	Mimaki USA, Inc.	3DUJ-553	Material Jetting	12x20x20	0.022	CM
	mimakiusa.com					
123	RIZE INC.	RIZE ONE	Material Extrusion/Jetting	12x8x6	0.125	\$31,500
	rize3d.com	XRIZE	Material Extrusion/Jetting	12x8x8	0.125	\$55,000
124	Roboze	Roboze One Xtreme	Material Extrusion	11.8x9.8x7.9	CM	CM
	roboze.com	Roboze One+400 Xtreme	Material Extrusion	11.8x9.8x7.9	CM	CM
		Roboze ARGO 350	Material Extrusion	13.8x11.8x11.8	CM	CM
		Roboze ARGO 500	Material Extrusion	19.7x19.7x19.7	CM	CM
125	SLM Solutions	SLM125	SLM	CM	CM	CM
	slm-solutions.com	SLM280	SLM	CM	CM	CM
		SLM500	SLM	CM	CM	CM
		SLM800	SLM	CM	CM	CM
126	Stacker LLC	S4 Industrial 3D Printer	Material Extrusion	13.98x20.67	0.1	\$10,995
	stacker3d.com	S2 Industrial Grade 3D Printer	Material Extrusion	15.35x12.4x20.66	0.1	\$6,999
		S4-XL Industrial Grade 3D Printer	Material Extrusion	24x24x24	0.1	\$4,000
127	Stratasys	Continuous Build 3D Printer	Automated FDM	4.7x4.7x4.7	0.127	CM
	stratasys.com	F120	FDM	10x10x10	CM	CM
		F170	FDM	12x10x12	CM	CM
		F270	FDM	14x10x14	CM	CM
		F370	FDM	14x12x12	CM	CM
		Fortus 380 Carbon Fiber Edition	FDM	16x14x16	CM	CM
		Fortus 450MC	FDM	36x24x36	CM	CM
		F900	FDM	20x20x23	0.106	CM
		V650 Flex	SLA	19.3x15.4x7.9	0.0524	CM
		Connex 1 Objet260	PolyJet	19.3x15.4x7.9	0.0524	CM
		Connex 1 Objet500	PolyJet	19.3x15.4x7.9	0.0524	CM
		Connex 3 Objet350	PolyJet	19.3x15.4x7.9	0.0524	CM
		Connex 3 Objet500	PolyJet	19.3x15.4x7.9	0.0524	CM
		J700 Dental	PolyJet	19.3x15.35	0.0508	CM
		J720 Dental	PolyJet	19.3x15.35x7.9	0.0397	CM
		J750 Digital Anatomy	PolyJet	19.3x15.35x7.9	0.0397	CM
		J850	PolyJet	19.3x15.35x7.9	0.0397	CM
		Objet1000 Plus	PolyJet	39.3x31.4x19.6	0.0524	CM
		Objet30 Dental Prime	PolyJet	11.8x7.87x3.94	0.0524	CM
		Objet30 Prime	PolyJet	11.57x7.55x5.85	0.0524	CM
		Objet30 Pro	PolyJet	11.57x7.55x5.85	0.0524	CM
128	Thermwood Corporation	LSAM	CM	10x20x10	2.54	CM
	thermwood.com	LSAM MT	CM	10x10x5	2.54	CM
129	Ultimaker	Ultimaker S5	FFF	330x240x300	0.25 to 0.8	\$5,995
	ultimaker.com	Ultimaker S3	FFF	190x230x200	0.25 to 0.8	\$4,395
		Ultimaker 3	FFF	215x215x200	0.25 to 0.8	\$3,495
		Ultimaker 2+	FFF	223x223x205	0.25 to 0.8	\$2,499
		Ultimaker S5 Pro Bundle	FFF	330x240x300	0.25 to 0.8	\$9,100
130	VELO3D	Sapphire Metal AM Printer	Powder Bed Fusion	12.4x15.75	0.05	\$1.5M
	velo3d.com					
131	Xact Metal	XM200C	Powder Bed Fusion	5x5x5	0.02	\$90,000
	xactmetal.com	XM200S	Powder Bed Fusion	5x5x5	0.02	\$45,000
		XM500C	Powder Bed Fusion	10x15x15	CM	CM
132	XJET	Carmell400C	NPI	19.68x11.02x7.87	0.01	CM
	xjet3d.com	Carmell400M	NPI	19.68x11.02x7.87	0.01	CM
133	XY2printing, Inc.	PartPro350 xBC	Binder Jetting	8.7x15.8x7.9	0.1	CM
	xy2printing.com	PartPro200 x1CC	FFF	7.2x7.2x5.9	0.1	CM
		CastPro100 xP	DLP	2.52x1.57x4.72	0.025	CM
		PartPro120 xP	DLP	4.5x2.5x3.9	CM	CM
		PartPro100 xP	DLP	2.52x1.57x4.72	0.025	CM
		PartPro300 xT	FFF	11.6x11.8x11.8	CM	CM
		MigPro230 xS	SLS	9x9x9	0.08	CM

Flexibility to Address Size•Fidelity•Speed in 3D Printing



Advance Your Manufacturing Capabilities with a



WorkSeries Additive Manufacturing System

3DPlatform.com

6402 East Rockton Road
Roscoe, Illinois 61073 USA • +1.779.771.0000

IPMINFO#7

PRECISE METAL REPLACEMENT

The most precise 3D printing technology for the most performing composites and high temperature super polymers

ARGO 500
Roboze

ROBOZE 3D PRINTERS REDUCE PRODUCTION COST AND TIME OVER 50%

www.roboze.com #PrintStrongLikeMetal

IPMINFO#10