

## **3D Printing - Company Evaluation Report, 2025**

Market Report | 2025-08-01 | 168 pages | MarketsandMarkets

### **AVAILABLE LICENSES:**

- Single User \$2650.00
- Corporate License \$4250.00

### **Report description:**

The 3D Printing Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for 3D Printing. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 7 3D Printing Companies were categorized and recognized as quadrant leaders.

3D printing, also referred to as additive manufacturing (AM), involves creating a three-dimensional solid object using digital files and various materials. Common materials used in 3D printing include metals, ceramics, wax, powders, and filaments. The object is formed by depositing successive layers of material, with each layer representing a thin horizontal slice of the final object. This technique allows users to produce complex geometries while using less material compared to conventional manufacturing methods. Over time, 3D printers have become more popular among hobbyists and small to medium-sized enterprises (SMEs), helping them enhance productivity and reduce manufacturing costs.

Three-dimensional (3D) printing is a method of constructing a physical 3D object from a digital design by layering thin sections of material-whether solid, powdered, or liquid-typically in a horizontal, layer-by-layer fashion. Unlike subtractive manufacturing techniques, this process builds up the object rather than cutting it away. Also known as additive manufacturing (AM) or freeform fabrication, the term '3D printing' is commonly used in consumer contexts, while 'AM' is more prevalent in industrial applications. 3D printing serves various purposes, including prototyping, tooling, and the production of functional components. These functional parts are utilized across a range of sectors such as automotive, aerospace, healthcare, jewelry, education, tooling, consumer goods, and the fields of art and architecture.

The 360 Quadrant maps the 3D Printing companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the 3D Printing quadrant. The top criteria for product footprint evaluation included By OFFERING (Printers, Materials, Software, Services), By TECHNOLOGY (Fused Deposition Modelling (FDM), Stereolithography (SLA), Selective Laser Sintering (SLS), Polyjet Printing / Multijet Printing (MJP), Electron Beam Melting (EBM), Digital Light Processing (DLP), Direct Metal Laser Sintering (DMLS), Other Technologies), By PROCESS (Powder Bed Fusion (PBF), Vat Photopolymerization, Binder Jetting, Material Extrusion, Material Jetting, Other Processes), By APPLICATION (Prototyping, Tooling, Functional Part Manufacturing), and By VERTICAL (Automotive, Aerospace & Defense, Healthcare, Architecture & Construction, Consumer Goods, Education, Industrial, Energy, Printed Electronics, Jewelry, Food & Culinary, Other Verticals). Key players in the 3D Printing market include major global corporations and specialized innovators such as 3D Systems, Inc., Stratasys, EOS GmbH, General Electric, HP Development Company, L.P., Renishaw plc., TRUMPF. These companies are actively

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

#### Top 3 Companies

##### Stratasys

Stratasys is a global leader in 3D printing, excelling in advanced additive solutions for various industrial applications. The company provides cutting-edge technologies like FDM, PolyJet, Stereolithography, and P3, catering to industries such as aerospace, automotive, consumer goods, and medical sectors. Their product portfolio is enhanced by software like GrabCAD, which facilitates seamless manufacturing experiences. Stratasys's strategic initiatives, including key partnerships, have solidified its market share, allowing expansion across North America, Europe, and Asia. Their commitment to innovation and quality places them as a pivotal force in the 3D printing landscape.

##### EOS GmbH

EOS GmbH is renowned for its focus on direct metal laser sintering (DMLS) and polymer technology, supporting metals and plastics-based solutions. Their systems, particularly used for prototype development and serial production, are instrumental in sectors like aerospace and industrial manufacturing. The firm's commitment to refining their product offering is evident in their continuous investment in technology, thereby reinforcing their market positioning and enabling wide application adaptability.

##### 3D Systems, Inc.

3D Systems, Inc. is a pioneering entity in the 3D printing domain, known for innovative product solutions across diverse applications. The company's extensive portfolio includes 3D printers, materials, software, and services, designed to meet the nuanced needs of industries such as healthcare, automotive, and aerospace. Consistent product innovations and strategic collaborations have propelled the company to a robust market position, fostering significant customer base expansion globally. Their emphasis on providing cutting-edge, cost-effective solutions has led to strong customer retention and operational scalability across key regions.

#### **Table of Contents:**

1	INTRODUCTION	12
1.1	MARKET DEFINITION	12
1.2	INCLUSIONS AND EXCLUSIONS	12
1.3	STAKEHOLDERS	13
2	EXECUTIVE SUMMARY	14
3	MARKET OVERVIEW	20
3.1	INTRODUCTION	20
3.2	EVOLUTION OF 3D PRINTING	20
3.2.1	IMPACT OF 3D PRINTING, BY VERTICAL	21
3.3	MARKET DYNAMICS	23
3.3.1	DRIVERS	23
3.3.1.1	Ease in manufacturing of customized products	23
3.3.1.2	Reduction in manufacturing costs and process downtime	24
3.3.1.3	Increasing government-led investments in 3D printing projects	25
3.3.1.4	Availability of various industrial-grade 3D printing materials	27
3.3.1.5	High demand for lightweight yet durable parts in aerospace & defense vertical	28
3.3.2	RESTRAINTS	29
3.3.2.1	Lack of standardized testing methods to verify mechanical properties of 3D printing materials and high raw material costs	29
3.3.2.2	Inadequate design and process control data due to lack of printing material specifications	30
3.3.3	OPPORTUNITIES	31
3.3.3.1	Increasing demand for medical products and supplies in post-pandemic scenario	31

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

3.3.3.2	Rapid advancements in printing technologies and materials and development of knowledge and skill progression frameworks	32
3.3.3.3	Emerging applications of 3D printing technology in automotive, printed electronics, jewelry, and education verticals	33
3.3.3.4	Advancements in 3D printing materials	35
3.3.4	CHALLENGES	36
3.3.4.1	Ensuring consistent quality of final 3D-printed products with repeatable and stable production processes	36
3.3.4.2	Threat of copyright infringement	37
3.3.4.3	Decline in sales of 3D printing devices attributed to recession	37
3.4	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	38
	?	
3.5	VALUE CHAIN ANALYSIS	39
3.5.1	RESEARCH AND DEVELOPMENT ENGINEERS	40
3.5.2	MATERIAL AND SOFTWARE PROVIDERS	40
3.5.3	MANUFACTURERS	40
3.5.4	SERVICE PROVIDERS	40
3.5.5	END-USER INDUSTRIES	41
3.5.6	AFTER-SALES SERVICE PROVIDERS	41
3.6	ECOSYSTEM ANALYSIS	41
3.6.1	MATERIAL SUPPLIERS	41
3.6.1.1	Polymer providers	41
3.6.1.2	Metal providers	42
3.6.2	SOFTWARE PROVIDERS	42
3.6.3	PRINTER PROVIDERS	42
3.6.3.1	Industrial 3D printer providers	42
3.6.3.2	Desktop 3D printer providers	42
3.6.4	SERVICE PROVIDERS	42
3.7	TECHNOLOGY ANALYSIS	44
3.7.1	KEY TECHNOLOGY	45
3.7.1.1	Hybrid manufacturing	45
3.7.1.2	MELD process	45
3.7.2	COMPLEMENTARY TECHNOLOGY	46
3.7.2.1	3D bioprinting and tissue engineering	46
3.7.2.2	IoT integration and connectivity	46
3.7.3	ADJACENT TECHNOLOGY	47
3.7.3.1	Computer numerical control (CNC) machining	47
3.7.3.2	Injection molding	48
3.8	PATENT ANALYSIS	49
3.8.1	LIST OF PATENTS	49
3.9	KEY CONFERENCES AND EVENTS	55
3.10	PORTER'S FIVE FORCES ANALYSIS	56
3.10.1	THREAT OF NEW ENTRANTS	57
3.10.2	THREAT OF SUBSTITUTES	57
3.10.3	BARGAINING POWER OF SUPPLIERS	58
3.10.4	BARGAINING POWER OF BUYERS	58
3.10.5	INTENSITY OF COMPETITIVE RIVALRY	58
4	COMPETITIVE LANDSCAPE	59

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

4.1	OVERVIEW	59
4.2	STRATEGIES ADOPTED BY KEY PLAYERS	59
4.3	REVENUE ANALYSIS, 2022-2024	61
4.4	MARKET SHARE ANALYSIS, 2024	61
4.5	VALUATION AND FINANCIAL METRICS, 2024	64
4.6	BRAND/PRODUCT COMPARISON	65
4.7	COMPANY EVALUATION MATRIX FOR 3D PRINTERS: KEY PLAYERS, 2024	66
4.7.1	STARS	66
4.7.2	EMERGING LEADERS	66
4.7.3	PERVASIVE PLAYERS	66
4.7.4	PARTICIPANTS	66
4.7.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	68
4.7.5.1	Overall footprint	68
4.7.5.2	Offering footprint	69
4.7.5.3	Application footprint	69
4.7.5.4	Vertical footprint	70
4.7.5.5	Regional footprint	70
4.8	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	71
4.8.1	PROGRESSIVE COMPANIES	71
4.8.2	RESPONSIVE COMPANIES	71
4.8.3	DYNAMIC COMPANIES	71
4.8.4	STARTING BLOCKS	71
4.8.5	COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES, 2024	73
4.8.5.1	Detailed list of key startups/SMEs	73
4.8.5.2	Competitive benchmarking of key startups/SMEs	74
4.9	COMPETITIVE SCENARIOS AND TRENDS	76
4.9.1	PRODUCT LAUNCHES	76
4.9.2	DEALS	77
5	COMPANY PROFILES	79
5.1	KEY PLAYERS	79
5.1.1	STRATASYS	79
5.1.1.1	Business overview	79
5.1.1.2	Products/Solutions/Services offered	80
5.1.1.3	Recent developments	83
5.1.1.3.1	Product launches/developments	83
5.1.1.3.2	Deals	85
5.1.1.3.3	Other developments	89
5.1.1.4	MnM view	89
5.1.1.4.1	Key strengths/Right to win	89
5.1.1.4.2	Strategic choices	89
5.1.1.4.3	Weaknesses/Competitive threats	90
5.1.2	EOS GMBH	91
5.1.2.1	Business overview	91
5.1.2.2	Products/Solutions/Services offered	92
5.1.2.3	Recent developments	93
5.1.2.3.1	Product launches/developments	93
5.1.2.3.2	Deals	94

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.1.2.3.3 Expansions 96
- 5.1.2.4 MnM view 97
- 5.1.2.4.1 Key strengths/Right to win 97
- 5.1.2.4.2 Strategic choices 97
- 5.1.2.4.3 Weaknesses/Competitive threats 97
- 5.1.3 HP DEVELOPMENT COMPANY, L.P. 98
- 5.1.3.1 Business overview 98
- 5.1.3.2 Products/Solutions/Services offered 99
- 5.1.3.3 Recent developments 102
- 5.1.3.3.1 Product launches 102
- 5.1.3.3.2 Deals 104
- 5.1.3.3.3 Other developments 106
- 5.1.3.4 MnM view 106
- 5.1.3.4.1 Key strengths/Right to win 106
- 5.1.3.4.2 Strategic choices 106
- 5.1.3.4.3 Weaknesses/Competitive threats 106
- 5.1.4 3D SYSTEMS, INC. 107
- 5.1.4.1 Business overview 107
- 5.1.4.2 Products/Solutions/Services offered 108
- 5.1.4.3 Recent developments 111
- 5.1.4.3.1 Product launches 111
- 5.1.4.3.2 Deals 112
- 5.1.4.3.3 Other developments 116
- 5.1.4.4 MnM view 117
- 5.1.4.4.1 Key strengths/Right to win 117
- 5.1.4.4.2 Strategic choices 117
- 5.1.4.4.3 Weaknesses/Competitive threats 117
- 5.1.5 GENERAL ELECTRIC COMPANY 118
- 5.1.5.1 Business overview 118
- 5.1.5.2 Products/Solutions/Services offered 119
- 5.1.5.3 Recent developments 121
- 5.1.5.3.1 Product launches 121
- 5.1.5.3.2 Deals 122
- 5.1.5.3.3 Other developments 123
- 5.1.5.4 MnM view 123
- 5.1.5.4.1 Key strengths/Right to win 123
- 5.1.5.4.2 Strategic choices 123
- 5.1.5.4.3 Weaknesses/Competitive threats 123
- ?
- 5.1.6 MATERIALISE 124
- 5.1.6.1 Business overview 124
- 5.1.6.2 Products/Solutions/Services offered 125
- 5.1.6.3 Recent developments 127
- 5.1.6.3.1 Product launches 127
- 5.1.6.3.2 Deals 128
- 5.1.6.3.3 Expansions 130
- 5.1.7 NANO DIMENSION 131

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.1.7.1	Business overview	131
5.1.7.2	Products/Solutions/Services offered	131
5.1.7.3	Recent developments	132
5.1.7.3.1	Product launches	132
5.1.7.3.2	Deals	132
5.1.8	VOXELJET AG	133
5.1.8.1	Business overview	133
5.1.8.2	Products/Solutions/Services offered	135
5.1.8.3	Recent developments	136
5.1.8.3.1	Product launches	136
5.1.8.3.2	Deals	136
5.1.8.3.3	Other developments	137
5.1.9	SLM SOLUTIONS (ACQUIRED BY NIKON INDIA PVT LTD)	138
5.1.9.1	Business overview	138
5.1.9.2	Products/Solutions/Services offered	138
5.1.9.3	Recent developments	140
5.1.9.3.1	Product launches	140
5.1.9.3.2	Deals	140
5.1.10	RENISHAW PLC.	142
5.1.10.1	Business overview	142
5.1.10.2	Products/Solutions/Services offered	144
5.1.10.3	Recent developments	145
5.1.10.3.1	Deals	145
5.2	OTHER PLAYERS	146
5.2.1	PROTO LABS, INC.	146
5.2.2	OPTOMECH, INC.	147
5.2.3	PRODWAYS GROUP	148
5.2.4	ULTIMAKER	149
5.2.5	TIERTIME	150
5.2.6	XYZPRINTING	151
5.2.7	HOGANAS AB	152
5.2.8	UNIONTECH	153
5.2.9	NEXA3D	154
5.2.10	TRUMPF	155
5.2.11	FORMLABS	156
5.2.12	SHAPEWAYS	157
5.2.13	CARBON, INC.	158
5.2.14	NANOVOXEL	159
5.2.15	RAPID SHAPE GMBH	160
6	APPENDIX	161
6.1	RESEARCH METHODOLOGY	161
6.1.1	RESEARCH DATA	161
6.1.1.1	Secondary data	162
6.1.1.2	Primary data	162
6.1.2	RESEARCH ASSUMPTIONS	164
6.1.3	RISK ASSESSMENT	165
6.1.4	RESEARCH LIMITATIONS	165

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

6.2 COMPANY EVALUATION MATRIX: METHODOLOGY 165

6.3 AUTHOR DETAILS 168

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**3D Printing - Company Evaluation Report, 2025**

Market Report | 2025-08-01 | 168 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

Select license	License	Price
	Single User	\$2650.00
	Corporate License	\$4250.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-09"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com