

2024 GLOBAL HIGH TECH & EMERGING MARKETS

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services

Equipment Code: BR2400117

© Barnes Reports

2024

- *Market Reports*
- *Industry Trends*
- *Demographic Data*

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Users' Guide

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services

About this Report

This report covers the global forecast for 3d animation market produced in the 8k technology market industry.

More than 140 countries are featured in this report as well as global and regional summaries. Estimates on equipment or material sales (product shipments value) are published for six historical years and two forecast years. Product shipments include the total value of all products produced and shipped by all producers. For selected products, this can represent value of receipts, value of production, or value of work done.

These estimates product shipment values are also considered "market potentials" because the calculations assume efficient, free markets. Estimates can vary in countries with inefficient, closed markets with such issues as oppressive regulations and tariffs, black markets, and political problems impacted a regular business cycle.

Published annually, this report provides a unique and accurate estimate on market sizing for this equipment/material using a proprietary economic model that integrates historical trends (horizontal analysis) and longitudinal analysis of incorporated industries (vertical analysis).

Product shipments value are presented in US Dollars and local currency units for historical and forecast years.

Regional summaries include North America, Europe, Asia-Pacific, Latin America, Africa, and Middle East. Percent shares are presented for each region as a share of the global market.

Product shipments values are also broken down by related costs, such as cost of materials, cost of fuels/electricity and value added, as well as capital expenditures, such as expenditures on buildings, machinery, vehicles and computers.

This report does not list key players/companies in the market but focuses on a top-down and outlook view of the market despite the existing and entering of market companies.

Users' Guide

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services
Users' Guide

Barnes Reports is a leading publisher of industry studies on U.S. and global industries and forecasts sales and employment demographics. As a way of making the most of this information, we have included a few suggestions and tips to aid users in processing and using this information.

Managers, planners, and market researchers use this information for a variety of activities:

- Sizing markets and segments – You can estimate the size of the regional markets you sell in and your company's market penetration into that market. You can do the same with the market segments in which you participate.
- Sales territory potential – You can estimate your market penetration and also the market potential in any regional area or market segment.
- Sales forecasting – With the estimates on the size of the industry, market researchers supporting a sales force can then estimate and forecast the future size of the industry.
- Advertising strategies – You can use this information for forecasting and estimating sales potential and target advertising campaigns.
- Competitive analysis – You will use the information to locate your possible competitors (if it is not already known), to estimate their size, growth and strengths and weaknesses and to see what market segments in which they participate.

We recognize that many managers today are asked to provide detailed analysis of their markets, sales territories, distribution channels, and product placements. We have organized these reports in a logical format making your market analysis and research tasks easy to accomplish.

Definitions & Methodology

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services

Definitions

3D animation is the process of creating moving images using three-dimensional objects and software. It's also a complex and intricate process that requires specialized skills, software, and equipment.

3D animation is widely used in the film and television industry to create visual effects, animated characters, and backgrounds for live-action movies, as well as for fully animated films. It is used to create detailed visualizations of complex medical and scientific concepts and procedures.

Definitions & Methodology

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services

Methodology

Barnes Reports' Global High Tech and Emerging Markets report series provide estimates of the size and characteristics of the highest growth advanced market in the largest 140 global countries. These estimates are produced by a proprietary economic model that is based on a number of sources and factors:

1. The size of global market from the executive interviews, internet search, and government statistical databases over the last five years.
2. Estimate current and forecast size of global high-tech market using regression analysis.
3. Adjust estimates and forecasts using the most current global manufacturing, service, and retail sector data and trends. This adjustment adds vertical (industry) analysis to the forementioned horizontal (trend) analysis.
4. Global estimates use trend GDP data and the ratio of manufacturing, service, and retail sectors to GDP by country from World Bank databases to compare U.S. versus global countries size and trends.

Global Markets

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services

Market Size by Year (US\$ Millions)

Country Name	2018	2019	2020	2021	2022	2023	2024	2025
Argentina	63.7	57.6	57.2	65.1	69.5	79.7	83.5	87.9
Australia	214.7	219.5	236.7	259.6	288.2	350.8	388.5	429.5
Austria	63.2	66.5	73.6	76.3	88.0	107.6	119.8	133.2
Bangladesh	32.3	38.1	51.8	54.4	66.3	86.3	101.6	118.3
Belgium	82.0	88.2	97.6	104.1	119.9	149.0	168.4	189.7
Brazil	261.5	282.4	244.7	242.6	266.4	305.6	320.0	336.9
Canada	188.2	207.3	221.3	254.8	284.0	355.4	404.1	457.5
Chile	38.3	39.1	38.2	43.9	47.7	56.9	61.7	67.0
China	1,571.3	1,844.6	2,151.4	2,426.4	3,019.2	4,027.6	4,867.2	5,820.6
Czech Republic	29.0	34.2	38.5	42.2	52.0	68.8	82.5	98.1
Denmark	51.1	53.5	61.8	67.7	77.0	96.9	110.7	125.9
Egypt, Arab Rep.	27.5	36.4	50.9	56.8	93.1	122.9	146.8	173.5
Finland	36.5	38.5	44.0	45.5	52.6	65.2	73.4	82.4
France	430.1	455.0	503.5	529.8	607.2	742.9	827.2	920.1
Germany	537.6	577.4	655.0	682.2	796.4	990.2	1,119.5	1,262.1
Hungary	19.1	21.9	23.9	26.4	31.8	41.3	48.6	56.9
India	284.9	340.7	347.6	384.6	442.5	552.8	627.5	709.6
Indonesia	99.8	117.8	126.4	129.4	153.2	190.9	216.2	243.8
Ireland	46.4	54.4	62.8	71.1	88.1	116.4	139.4	165.1
Israel	56.7	66.8	78.2	90.1	107.5	134.1	152.1	172.0
Italy	303.7	316.7	340.1	349.9	391.6	468.9	511.6	558.7
Japan	747.5	849.4	941.7	890.9	1,052.8	1,275.3	1,407.0	1,553.1
Korea, Rep.	202.8	223.7	251.6	262.7	306.0	378.7	426.6	480.2
Malaysia	40.6	47.1	49.6	49.0	59.7	74.1	83.6	94.2
Mexico	163.5	180.8	176.2	191.8	212.1	254.3	277.8	303.6
Netherlands	140.8	151.6	171.7	178.8	209.8	263.9	301.4	342.3
Nigeria	52.2	53.0	53.9	49.2	55.0	64.0	67.6	71.0
Norway	55.3	56.0	58.8	64.7	73.7	89.3	98.4	108.2
Pakistan	36.4	35.7	43.3	46.2	51.7	63.4	70.8	78.9
Philippines	45.3	54.6	59.8	61.3	74.9	95.6	110.9	127.8
Poland	72.5	81.6	92.8	98.4	118.5	153.3	179.8	209.2
Puerto Rico	11.1	12.0	13.5	13.6	21.7	26.3	29.0	31.9
Romania	29.4	35.1	40.1	43.0	54.6	72.5	87.3	104.2
Russian Federation	207.3	216.8	224.7	253.1	279.3	326.4	348.1	372.7
Saudi Arabia	93.4	95.2	102.0	102.9	119.8	146.7	163.2	180.7

Global Markets

Product/Service Type: 3D Animation Market

Industry: Computer Systems Design Services

Market Size by Year (US\$ Millions)

Country Name	2018	2019	2020	2021	2022	2023	2024	2025
Singapore	57.3	63.0	66.6	75.8	86.4	108.5	123.8	140.7
South Africa	49.3	51.2	58.3	67.2	75.3	94.0	106.8	121.1
Spain	208.4	225.3	233.6	245.1	278.6	337.2	371.8	410.3
Sweden	79.9	83.3	96.3	105.4	117.5	146.0	164.8	185.4
Switzerland	110.3	124.9	144.3	146.6	174.6	220.8	253.5	289.6
Thailand	61.9	75.5	78.0	72.5	91.2	112.3	125.9	141.0
Turkey	91.0	102.4	105.0	110.0	121.7	143.7	154.7	167.3
United Arab Emirates	45.2	53.2	56.2	54.5	64.2	75.7	81.0	86.6
United Kingdom	443.0	477.7	539.3	569.3	661.3	823.7	932.8	1,053.2
United States	3,468.1	3,944.4	4,503.5	4,607.2	5,515.5	6,886.7	7,818.0	8,847.9
Venezuela, RB	43.1	44.4	47.7	42.9	44.9	49.9	50.4	51.0
Vietnam	22.0	26.0	38.4	38.4	48.7	64.7	77.9	92.7
Rest of World	807.9	872.5	938.9	993.9	1,185.8	1,471.0	1,664.1	1,882.2
GLOBAL	11,823.1	13,193.1	14,691.0	15,437.4	18,297.6	22,927.8	26,147.4	29,735.9

Source: Barnes Reports

*2023-2025 Forecasts

Global

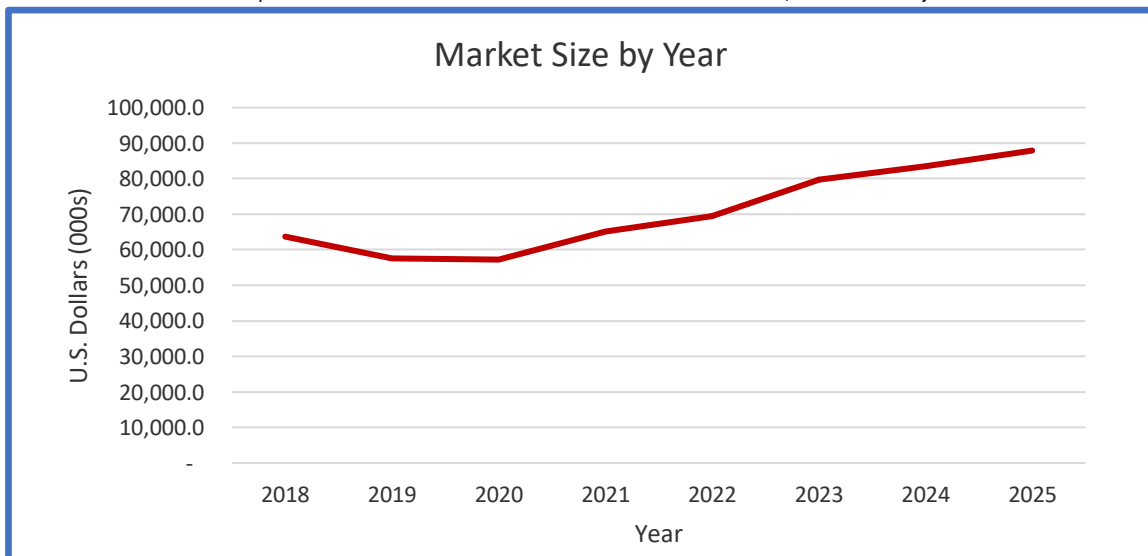
Product/Service Type: 3D Animation Market

The market for this equipment worldwide is estimated to be \$26,147.4 million dollars in 2024 and is expected to change by 13.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	
2018	11,823,065.9	-
2019	13,193,065.1	-
2020	14,690,971.1	-
2021	15,437,382.5	-
2022	18,297,625.5	-
2023	22,927,807.9	-
2024	26,147,392.8	-
2025	29,735,912.9	-
2030	52,379,573.5	-
Y-to-Y Change US Dollars		
2018-2019	11.6%	
2019-2020	11.4%	
2020-2021	5.1%	
2021-2022	18.5%	
2022-2023	25.3%	
2023-2024	14.0%	
2024-2025	13.7%	
CAGR 2025-2030	15.2%	

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Global

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market worldwide will be \$12,027.80 million dollars in 2024 and the lease and rental payments for the market will be \$1,307.37 million dollars. The operating expenses for this market is expected to reach \$19,662.84 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	12,027,800.7
Operating Expenses (\$1,000)	19,662,839.4
Employer Costs for Fringe Benefits (\$1,000)	1,908,759.7
Contract Labor Costs including Temporary Help (\$1,000)	810,569.2
Cost of Insurance (\$1,000)	366,063.5
Taxes and License Fees (\$1,000)	183,031.7
Lease and Rental Payments (\$1,000)	1,307,369.6

Cost of Services Estimates

The cost of transportation for this market worldwide will be \$261.47 million dollars in 2024 and the cost of printing services for the market will be \$183.03 million dollars. The cost of repair and maintenance for this market is expected to reach \$130.74 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	261,473.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	130,737.0
Cost of Purchased Printing Services (\$1,000)	183,031.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	366,063.5
Cost of Purchased Legal Services (\$1,000)	209,179.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	130,737.0

*2023-2025 Forecasts

Source: Barnes Reports

Regional Markets

Product/Service Type: 3D Animation Market

The market for this equipment in North America is estimated to be \$8.5 billion dollars in 2024 and is expected to change by 13.4 percent from 2023 to 2024. The market in the Asia-Pacific region for this equipment is estimated to be \$8.8 billion in 2024 and is forecast to change by 16.4 percent from 2024 to 2025. The European market is \$4.8 billion in 2024.

Market Size by Year (US\$ Millions)

	2018	2019	2020	2021	2022	2023	2024	2025
North America	3,819.8	4,332.5	4,901.1	5,053.8	6,011.6	7,496.4	8,499.9	9,609.0
Latin America	325.2	340.1	301.9	307.8	336.0	385.3	403.5	424.9
Europe	2,333.1	2,506.6	2,802.1	2,940.3	3,413.2	4,236.4	4,783.4	5,386.9
Asia-Pacific	3,570.0	4,088.2	4,577.5	4,911.4	5,905.1	7,556.3	8,796.1	10,192.2
Middle East	229.6	250.8	263.1	267.4	305.7	366.1	399.0	434.6
Africa	101.5	104.3	112.2	116.5	130.4	158.2	174.6	192.3
GLOBAL	10,277.7	11,518.2	12,845.7	13,480.8	15,971.5	20,040.5	22,881.8	26,047.6

Regional Distribution

	2018	2019	2020	2021	2022	2023	2024	2025
North America	37.2%	37.6%	38.2%	37.5%	37.6%	37.4%	37.1%	36.9%
Latin America	3.2%	3.0%	2.4%	2.3%	2.1%	1.9%	1.8%	1.6%
Europe	22.7%	21.8%	21.8%	21.8%	21.4%	21.1%	20.9%	20.7%
Asia-Pacific	34.7%	35.5%	35.6%	36.4%	37.0%	37.7%	38.4%	39.1%
Middle East	2.2%	2.2%	2.0%	2.0%	1.9%	1.8%	1.7%	1.7%
Africa	1.0%	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%	0.7%
GLOBAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Year-to-Year Change

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
North America	13.4%	13.1%	3.1%	19.0%	24.7%	13.4%	13.0%
Latin America	4.6%	-11.2%	1.9%	9.2%	14.7%	4.7%	5.3%
Europe	7.4%	11.8%	4.9%	16.1%	24.1%	12.9%	12.6%
Asia-Pacific	14.5%	12.0%	7.3%	20.2%	28.0%	16.4%	15.9%
Middle East	9.2%	4.9%	1.6%	14.3%	19.7%	9.0%	8.9%
Africa	2.7%	7.6%	3.7%	12.0%	21.3%	10.4%	10.1%
GLOBAL	12.1%	11.5%	4.9%	18.5%	25.5%	14.2%	13.8%

Source: Barnes Reports

*2023-2025 Forecasts

Argentina

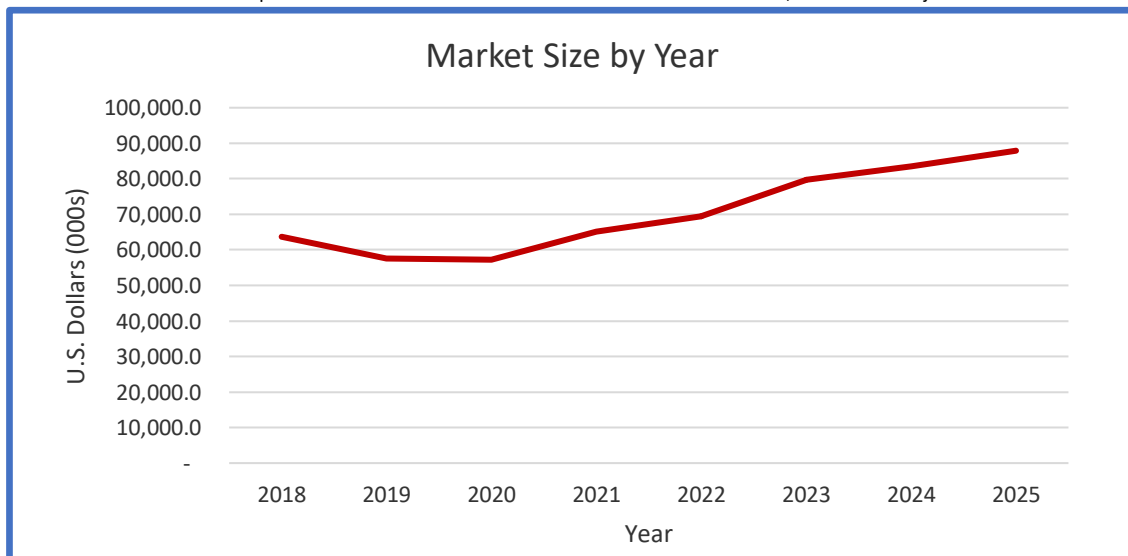
Product/Service Type: 3D Animation Market

The market for this equipment in Argentina is estimated to be \$83.5 million dollars in 2024 and is expected to change by 5.3 percent from 2024 to 2025. The market will be 29184.5 million Pesos in 2024 and is forecast to change by 4.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Pesos
2018	63,712.6	3,816,385.9
2019	57,609.0	4,666,330.3
2020	57,228.1	8,538,304.0
2021	65,144.1	22,781,550.3
2022	69,477.2	24,296,899.9
2023	79,682.7	27,865,856.4
2024	83,453.4	29,184,523.4
2025	87,903.5	30,740,757.8
2030	111,864.7	39,120,234.4
Y-to-Y Change	US Dollars	Pesos
2018-2019	-9.6%	22.3%
2019-2020	-0.7%	83.0%
2020-2021	13.8%	166.8%
2021-2022	6.7%	6.7%
2022-2023	14.7%	14.7%
2023-2024	4.7%	4.7%
2024-2025	5.3%	5.3%
CAGR 2025-2030	5.5%	27.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Argentina

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Argentina will be \$38.39 million dollars in 2024 and the lease and rental payments for the market will be \$4.17 million dollars. The operating expenses for this market is expected to reach \$62.76 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	38,388.6
Operating Expenses (\$1,000)	62,757.0
Employer Costs for Fringe Benefits (\$1,000)	6,092.1
Contract Labor Costs including Temporary Help (\$1,000)	2,587.1
Cost of Insurance (\$1,000)	1,168.3
Taxes and License Fees (\$1,000)	584.2
Lease and Rental Payments (\$1,000)	4,172.7

Cost of Services Estimates

The cost of transportation for this market in Argentina will be \$0.83 million dollars in 2024 and the cost of printing services for the market will be \$0.58 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.42 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	834.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	417.3
Cost of Purchased Printing Services (\$1,000)	584.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,168.3
Cost of Purchased Legal Services (\$1,000)	667.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	417.3

*2023-2025 Forecasts

Source: Barnes Reports

Australia

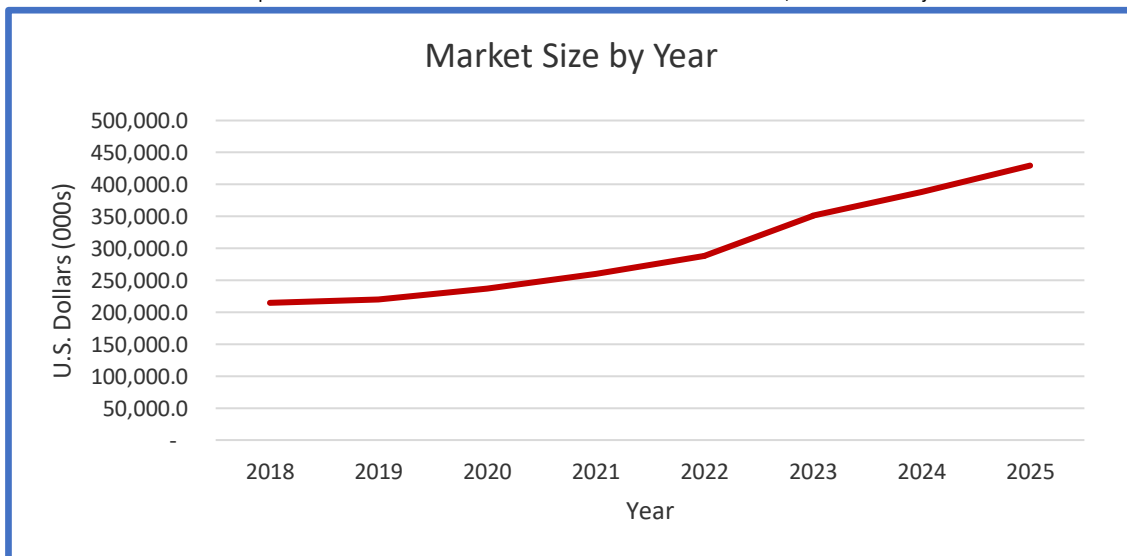
Product/Service Type: 3D Animation Market

The market for this equipment in Australia is estimated to be \$388.5 million dollars in 2024 and is expected to change by 10.6 percent from 2024 to 2025. The market will be 608.8 million Dollars in 2024 and is forecast to change by 10.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dollars
2018	214,720.0	309,196.7
2019	219,499.7	294,129.6
2020	236,722.4	376,650.9
2021	259,581.1	406,817.8
2022	288,163.9	451,613.1
2023	350,765.5	549,722.8
2024	388,464.0	608,804.2
2025	429,478.4	673,082.4
2030	661,297.0	1,036,390.6
Y-to-Y Change	US Dollars	Dollars
2018-2019	2.2%	-4.9%
2019-2020	7.8%	28.1%
2020-2021	9.7%	8.0%
2021-2022	11.0%	11.0%
2022-2023	21.7%	21.7%
2023-2024	10.7%	10.7%
2024-2025	10.6%	10.6%
CAGR 2025-2030	10.8%	54.0%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Australia

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Australia will be \$178.69 million dollars in 2024 and the lease and rental payments for the market will be \$19.42 million dollars. The operating expenses for this market is expected to reach \$292.12 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	178,693.4
Operating Expenses (\$1,000)	292,124.9
Employer Costs for Fringe Benefits (\$1,000)	28,357.9
Contract Labor Costs including Temporary Help (\$1,000)	12,042.4
Cost of Insurance (\$1,000)	5,438.5
Taxes and License Fees (\$1,000)	2,719.2
Lease and Rental Payments (\$1,000)	19,423.2

Cost of Services Estimates

The cost of transportation for this market in Australia will be \$3.88 million dollars in 2024 and the cost of printing services for the market will be \$2.72 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.94 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	3,884.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,942.3
Cost of Purchased Printing Services (\$1,000)	2,719.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	5,438.5
Cost of Purchased Legal Services (\$1,000)	3,107.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,942.3

*2023-2025 Forecasts

Source: Barnes Reports

Austria

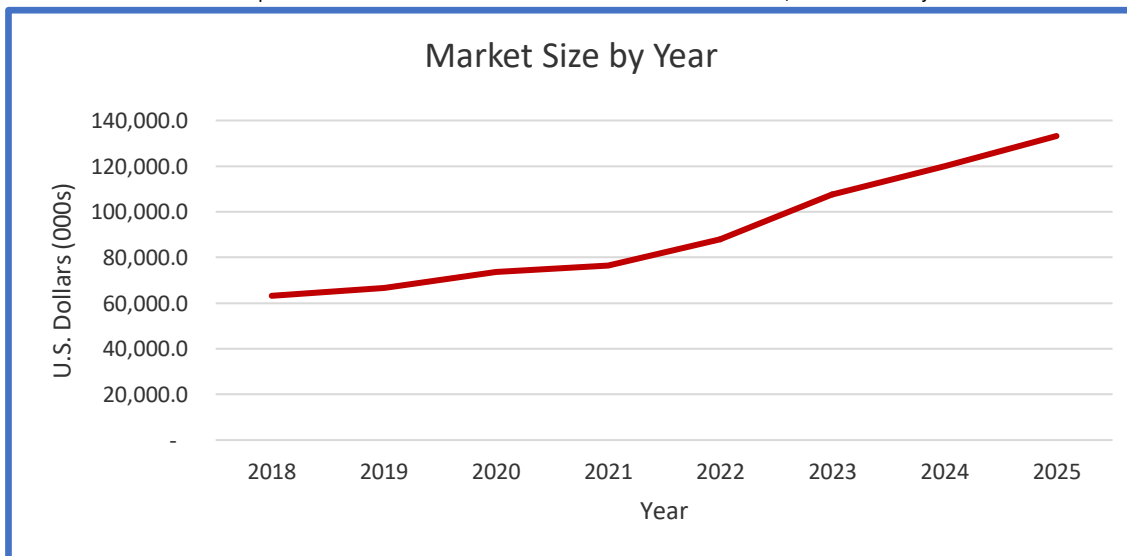
Product/Service Type: 3D Animation Market

The market for this equipment in Austria is estimated to be \$119.8 million dollars in 2024 and is expected to change by 11.2 percent from 2024 to 2025. The market will be 113.4 million Euros in 2024 and is forecast to change by 11.3 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	63,203.7	56,251.3
2019	66,500.8	54,530.6
2020	73,586.4	75,917.3
2021	76,348.1	72,241.8
2022	87,964.1	83,233.1
2023	107,633.4	101,844.5
2024	119,829.8	113,385.0
2025	133,192.4	126,028.9
2030	210,388.1	199,072.8
Y-to-Y Change	US Dollars	Euros
2018-2019	5.2%	-3.1%
2019-2020	10.7%	39.2%
2020-2021	3.8%	-4.8%
2021-2022	15.2%	15.2%
2022-2023	22.4%	22.4%
2023-2024	11.3%	11.3%
2024-2025	11.2%	11.2%
CAGR 2025-2030	11.6%	58.0%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Austria

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Austria will be \$55.12 million dollars in 2024 and the lease and rental payments for the market will be \$5.99 million dollars. The operating expenses for this market is expected to reach \$90.11 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	55,121.7
Operating Expenses (\$1,000)	90,112.0
Employer Costs for Fringe Benefits (\$1,000)	8,747.6
Contract Labor Costs including Temporary Help (\$1,000)	3,714.7
Cost of Insurance (\$1,000)	1,677.6
Taxes and License Fees (\$1,000)	838.8
Lease and Rental Payments (\$1,000)	5,991.5

Cost of Services Estimates

The cost of transportation for this market in Austria will be \$1.20 million dollars in 2024 and the cost of printing services for the market will be \$0.84 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.60 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,198.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	599.1
Cost of Purchased Printing Services (\$1,000)	838.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,677.6
Cost of Purchased Legal Services (\$1,000)	958.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	599.1

*2023-2025 Forecasts

Source: Barnes Reports

Bangladesh

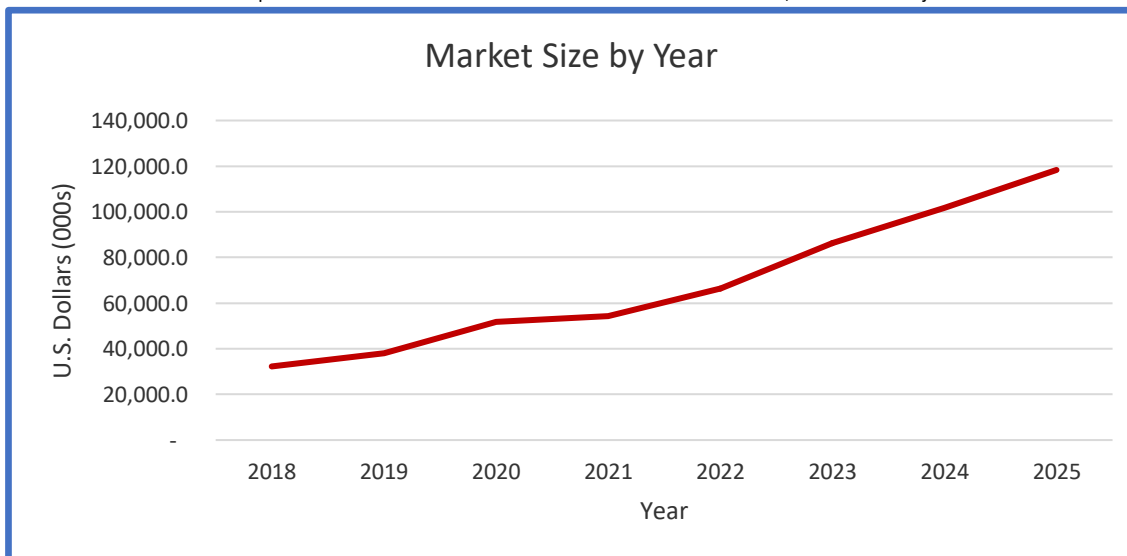
Product/Service Type: 3D Animation Market

The market for this equipment in Bangladesh is estimated to be \$101.6 million dollars in 2024 and is expected to change by 16.5 percent from 2024 to 2025. The market will be 11186.8 million Takas in 2024 and is forecast to change by 17.8 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Takas
2018	32,260.3	2,709,862.5
2019	38,061.4	3,223,803.4
2020	51,804.5	5,337,419.2
2021	54,380.4	5,987,277.7
2022	66,327.7	7,302,677.0
2023	86,266.6	9,497,957.1
2024	101,605.5	11,186,762.3
2025	118,333.6	13,028,526.2
2030	218,126.9	24,015,774.2
Y-to-Y Change	US Dollars	Takas
2018-2019	18.0%	19.0%
2019-2020	36.1%	65.6%
2020-2021	5.0%	12.2%
2021-2022	22.0%	22.0%
2022-2023	30.1%	30.1%
2023-2024	17.8%	17.8%
2024-2025	16.5%	16.5%
CAGR 2025-2030	16.9%	84.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Bangladesh

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Bangladesh will be \$46.74 million dollars in 2024 and the lease and rental payments for the market will be \$5.08 million dollars. The operating expenses for this market is expected to reach \$76.41 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	46,738.5
Operating Expenses (\$1,000)	76,407.3
Employer Costs for Fringe Benefits (\$1,000)	7,417.2
Contract Labor Costs including Temporary Help (\$1,000)	3,149.8
Cost of Insurance (\$1,000)	1,422.5
Taxes and License Fees (\$1,000)	711.2
Lease and Rental Payments (\$1,000)	5,080.3

Cost of Services Estimates

The cost of transportation for this market in Bangladesh will be \$1.02 million dollars in 2024 and the cost of printing services for the market will be \$0.71 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.51 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,016.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	508.0
Cost of Purchased Printing Services (\$1,000)	711.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,422.5
Cost of Purchased Legal Services (\$1,000)	812.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	508.0

*2023-2025 Forecasts

Source: Barnes Reports

Belgium

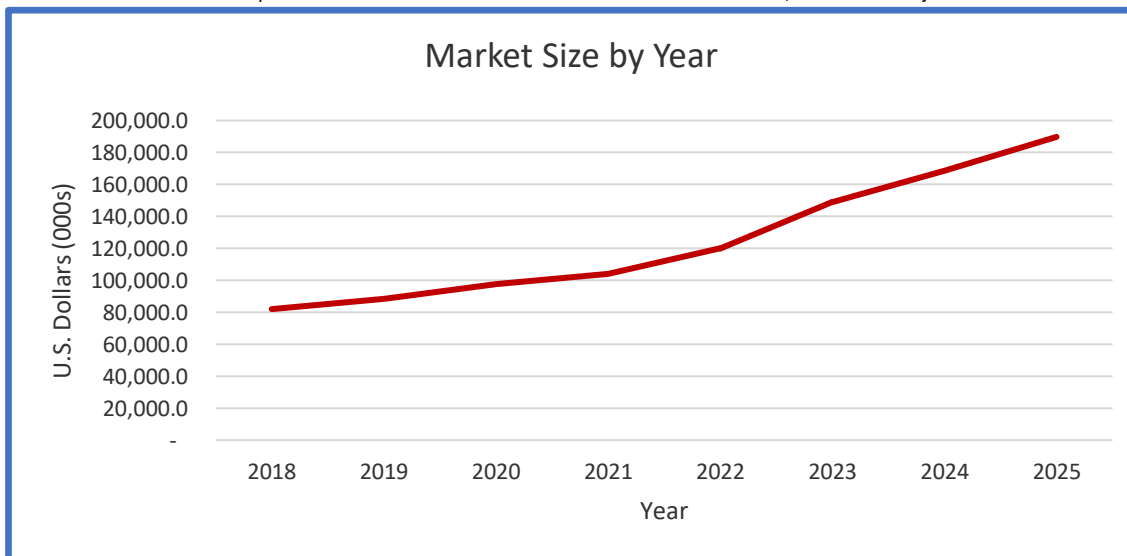
Product/Service Type: 3D Animation Market

The market for this equipment in Belgium is estimated to be \$168.4 million dollars in 2024 and is expected to change by 12.6 percent from 2024 to 2025. The market will be 159.4 million Euros in 2024 and is forecast to change by 13 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	81,957.8	72,942.4
2019	88,220.2	72,340.5
2020	97,644.8	100,737.7
2021	104,123.8	98,523.7
2022	119,865.4	113,418.7
2023	149,030.5	141,015.2
2024	168,440.0	159,380.8
2025	189,725.5	179,521.5
2030	314,618.8	297,697.6
Y-to-Y Change	US Dollars	Euros
2018-2019	7.6%	-0.8%
2019-2020	10.7%	39.3%
2020-2021	6.6%	-2.2%
2021-2022	15.1%	15.1%
2022-2023	24.3%	24.3%
2023-2024	13.0%	13.0%
2024-2025	12.6%	12.6%
CAGR 2025-2030	13.2%	65.8%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Belgium

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Belgium will be \$77.48 million dollars in 2024 and the lease and rental payments for the market will be \$8.42 million dollars. The operating expenses for this market is expected to reach \$126.67 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	77,482.4
Operating Expenses (\$1,000)	126,666.9
Employer Costs for Fringe Benefits (\$1,000)	12,296.1
Contract Labor Costs including Temporary Help (\$1,000)	5,221.6
Cost of Insurance (\$1,000)	2,358.2
Taxes and License Fees (\$1,000)	1,179.1
Lease and Rental Payments (\$1,000)	8,422.0

Cost of Services Estimates

The cost of transportation for this market in Belgium will be \$1.68 million dollars in 2024 and the cost of printing services for the market will be \$1.18 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.84 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,684.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	842.2
Cost of Purchased Printing Services (\$1,000)	1,179.1
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,358.2
Cost of Purchased Legal Services (\$1,000)	1,347.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	842.2

*2023-2025 Forecasts

Source: Barnes Reports

Brazil

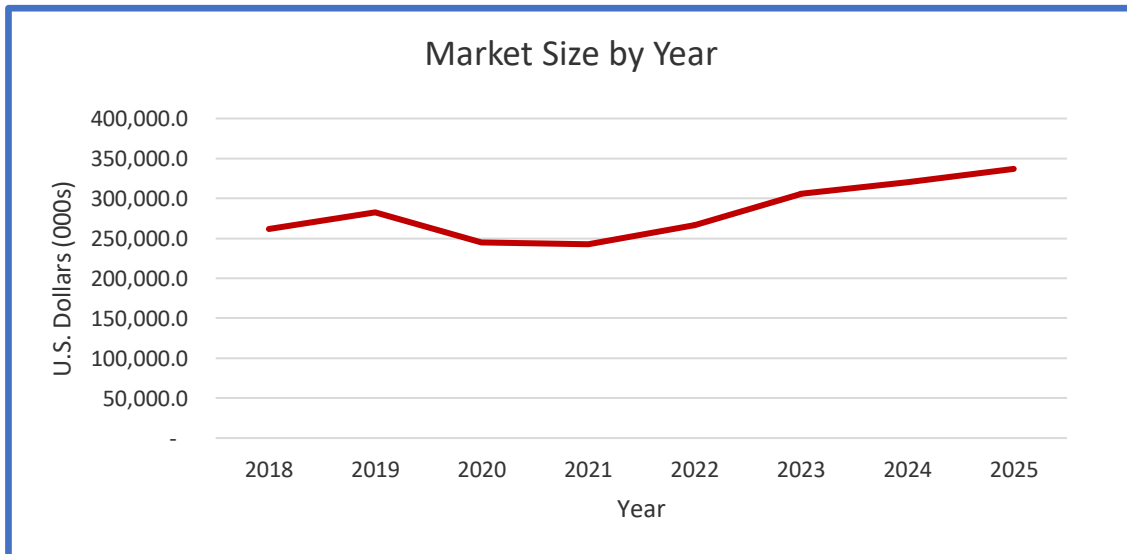
Product/Service Type: 3D Animation Market

The market for this equipment in Brazil is estimated to be \$320.0 million dollars in 2024 and is expected to change by 5.3 percent from 2024 to 2025. The market will be 1647.3 million Reals in 2024 and is forecast to change by 4.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Reals
2018	261,494.1	1,090,430.5
2019	282,422.3	1,440,353.6
2020	244,665.0	1,273,147.4
2021	242,616.9	1,249,065.1
2022	266,450.0	1,371,764.8
2023	305,565.7	1,573,144.4
2024	319,972.6	1,647,315.3
2025	336,917.6	1,734,553.1
2030	427,424.9	2,200,512.3
Y-to-Y Change	US Dollars	Reals
2018-2019	8.0%	32.1%
2019-2020	-13.4%	-11.6%
2020-2021	-0.8%	-1.9%
2021-2022	9.8%	9.8%
2022-2023	14.7%	14.7%
2023-2024	4.7%	4.7%
2024-2025	5.3%	5.3%
CAGR 2025-2030	5.4%	26.9%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Brazil

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Brazil will be \$147.19 million dollars in 2024 and the lease and rental payments for the market will be \$16.00 million dollars. The operating expenses for this market is expected to reach \$240.62 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	147,187.4
Operating Expenses (\$1,000)	240,619.4
Employer Costs for Fringe Benefits (\$1,000)	23,358.0
Contract Labor Costs including Temporary Help (\$1,000)	9,919.2
Cost of Insurance (\$1,000)	4,479.6
Taxes and License Fees (\$1,000)	2,239.8
Lease and Rental Payments (\$1,000)	15,998.6

Cost of Services Estimates

The cost of transportation for this market in Brazil will be \$3.20 million dollars in 2024 and the cost of printing services for the market will be \$2.24 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.60 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	3,199.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,599.9
Cost of Purchased Printing Services (\$1,000)	2,239.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	4,479.6
Cost of Purchased Legal Services (\$1,000)	2,559.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,599.9

*2023-2025 Forecasts

Source: Barnes Reports

Canada

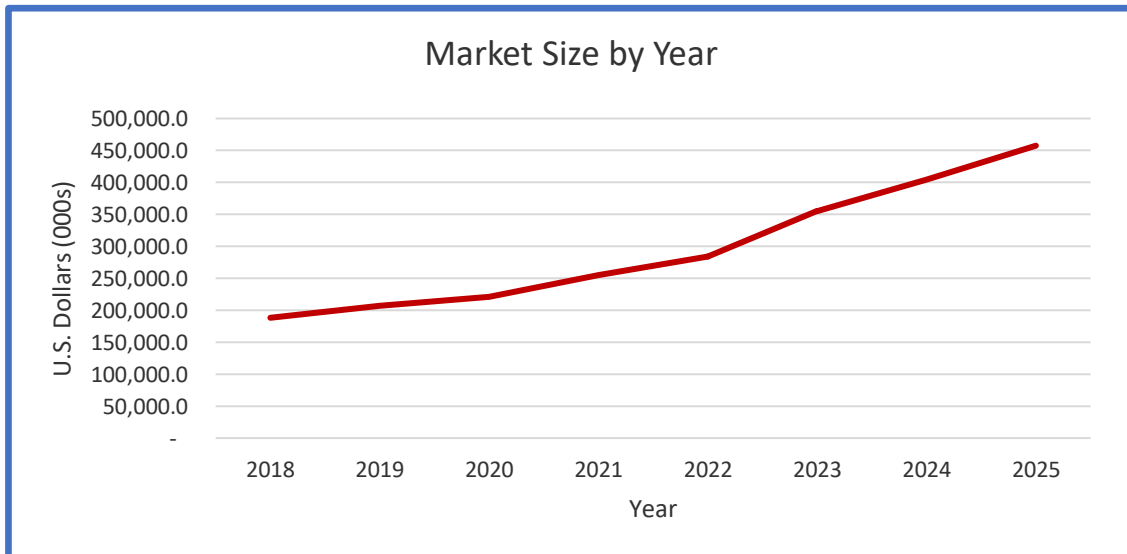
Product/Service Type: 3D Animation Market

The market for this equipment in Canada is estimated to be \$404.1 million dollars in 2024 and is expected to change by 13.2 percent from 2024 to 2025. The market will be 552.2 million Dollars in 2024 and is forecast to change by 13.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dollars
2018	188,220.6	244,686.8
2019	207,272.6	269,454.3
2020	221,286.4	304,020.1
2021	254,838.5	348,212.1
2022	284,012.5	388,075.6
2023	355,397.7	485,616.4
2024	404,092.2	552,152.8
2025	457,458.1	625,072.1
2030	773,720.7	1,057,214.3
Y-to-Y Change	US Dollars	Dollars
2018-2019	10.1%	10.1%
2019-2020	6.8%	12.8%
2020-2021	15.2%	14.5%
2021-2022	11.4%	11.4%
2022-2023	25.1%	25.1%
2023-2024	13.7%	13.7%
2024-2025	13.2%	13.2%
CAGR 2025-2030	13.8%	69.1%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Canada

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Canada will be \$185.88 million dollars in 2024 and the lease and rental payments for the market will be \$20.20 million dollars. The operating expenses for this market is expected to reach \$303.88 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	185,882.4
Operating Expenses (\$1,000)	303,877.4
Employer Costs for Fringe Benefits (\$1,000)	29,498.7
Contract Labor Costs including Temporary Help (\$1,000)	12,526.9
Cost of Insurance (\$1,000)	5,657.3
Taxes and License Fees (\$1,000)	2,828.6
Lease and Rental Payments (\$1,000)	20,204.6

Cost of Services Estimates

The cost of transportation for this market in Canada will be \$4.04 million dollars in 2024 and the cost of printing services for the market will be \$2.83 million dollars. The cost of repair and maintenance for this market is expected to reach \$2.02 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	4,040.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	2,020.5
Cost of Purchased Printing Services (\$1,000)	2,828.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	5,657.3
Cost of Purchased Legal Services (\$1,000)	3,232.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	2,020.5

*2023-2025 Forecasts

Source: Barnes Reports

Chile

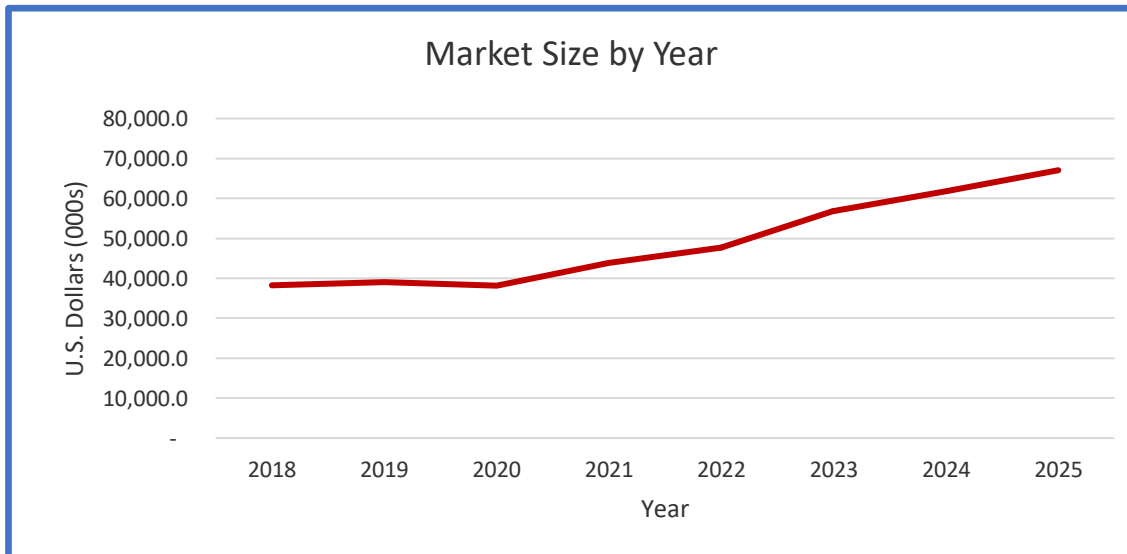
Product/Service Type: 3D Animation Market

The market for this equipment in Chile is estimated to be \$61.7 million dollars in 2024 and is expected to change by 8.6 percent from 2024 to 2025. The market will be 56777.5 million Pesos in 2024 and is forecast to change by 8.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Pesos
2018	38,287.8	29,634,735.8
2019	39,087.3	29,315,500.7
2020	38,154.4	35,796,388.5
2021	43,890.5	40,356,751.4
2022	47,689.6	43,849,923.8
2023	56,868.1	52,289,432.5
2024	61,749.2	56,777,544.9
2025	67,047.1	61,648,948.6
2030	95,196.8	87,532,142.6
Y-to-Y Change	US Dollars	Pesos
2018-2019	2.1%	-1.1%
2019-2020	-2.4%	22.1%
2020-2021	15.0%	12.7%
2021-2022	8.7%	8.7%
2022-2023	19.2%	19.2%
2023-2024	8.6%	8.6%
2024-2025	8.6%	8.6%
CAGR 2025-2030	8.4%	42.0%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Chile

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Chile will be \$28.40 million dollars in 2024 and the lease and rental payments for the market will be \$3.09 million dollars. The operating expenses for this market is expected to reach \$46.44 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	28,404.6
Operating Expenses (\$1,000)	46,435.4
Employer Costs for Fringe Benefits (\$1,000)	4,507.7
Contract Labor Costs including Temporary Help (\$1,000)	1,914.2
Cost of Insurance (\$1,000)	864.5
Taxes and License Fees (\$1,000)	432.2
Lease and Rental Payments (\$1,000)	3,087.5

Cost of Services Estimates

The cost of transportation for this market in Chile will be \$0.62 million dollars in 2024 and the cost of printing services for the market will be \$0.43 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.31 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	617.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	308.7
Cost of Purchased Printing Services (\$1,000)	432.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	864.5
Cost of Purchased Legal Services (\$1,000)	494.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	308.7

*2023-2025 Forecasts

Source: Barnes Reports

China

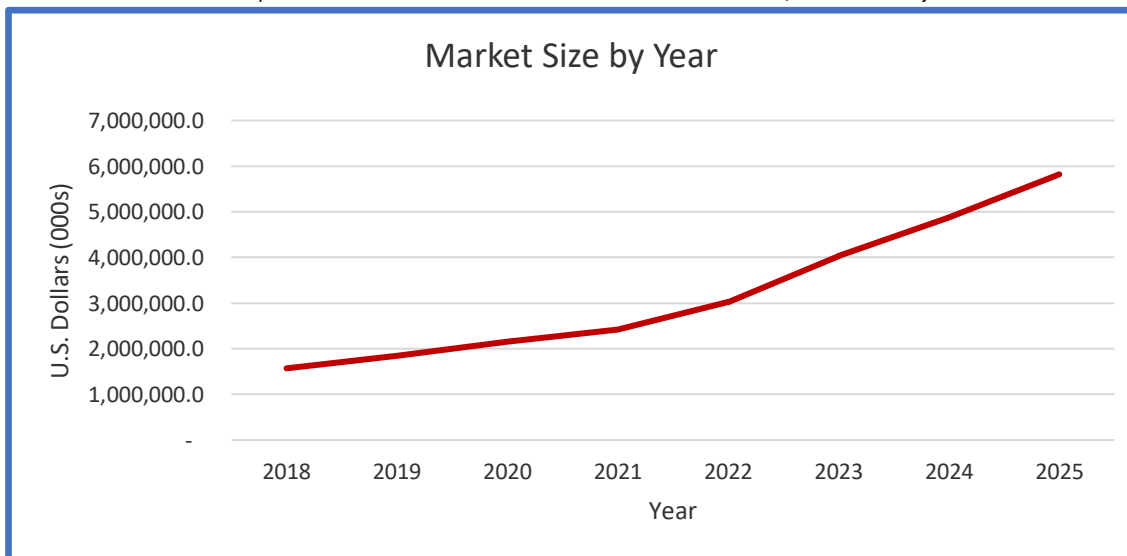
Product/Service Type: 3D Animation Market

The market for this equipment in China is estimated to be \$4,867.2 million dollars in 2024 and is expected to change by 19.6 percent from 2024 to 2025. The market will be 35363.8 million Yuans in 2024 and is forecast to change by 20.8 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Yuans
2018	1,571,258.9	10,794,548.8
2019	1,844,619.0	11,990,023.3
2020	2,151,425.2	15,392,829.7
2021	2,426,368.6	17,629,261.5
2022	3,019,222.5	21,936,759.0
2023	4,027,574.9	29,263,142.8
2024	4,867,224.6	35,363,784.3
2025	5,820,639.3	42,291,007.2
2030	12,367,563.7	89,858,982.7
Y-to-Y Change	US Dollars	Yuans
2018-2019	17.4%	11.1%
2019-2020	16.6%	28.4%
2020-2021	12.8%	14.5%
2021-2022	24.4%	24.4%
2022-2023	33.4%	33.4%
2023-2024	20.8%	20.8%
2024-2025	19.6%	19.6%
CAGR 2025-2030	22.5%	112.5%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



China

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in China will be \$2,238.92 million dollars in 2024 and the lease and rental payments for the market will be \$243.36 million dollars. The operating expenses for this market is expected to reach \$3,660.15 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	2,238,923.3
Operating Expenses (\$1,000)	3,660,152.9
Employer Costs for Fringe Benefits (\$1,000)	355,307.4
Contract Labor Costs including Temporary Help (\$1,000)	150,884.0
Cost of Insurance (\$1,000)	68,141.1
Taxes and License Fees (\$1,000)	34,070.6
Lease and Rental Payments (\$1,000)	243,361.2

Cost of Services Estimates

The cost of transportation for this market in China will be \$48.67 million dollars in 2024 and the cost of printing services for the market will be \$34.07 million dollars. The cost of repair and maintenance for this market is expected to reach \$24.34 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	48,672.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	24,336.1
Cost of Purchased Printing Services (\$1,000)	34,070.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	68,141.1
Cost of Purchased Legal Services (\$1,000)	38,937.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	24,336.1

*2023-2025 Forecasts

Source: Barnes Reports

Czech Republic

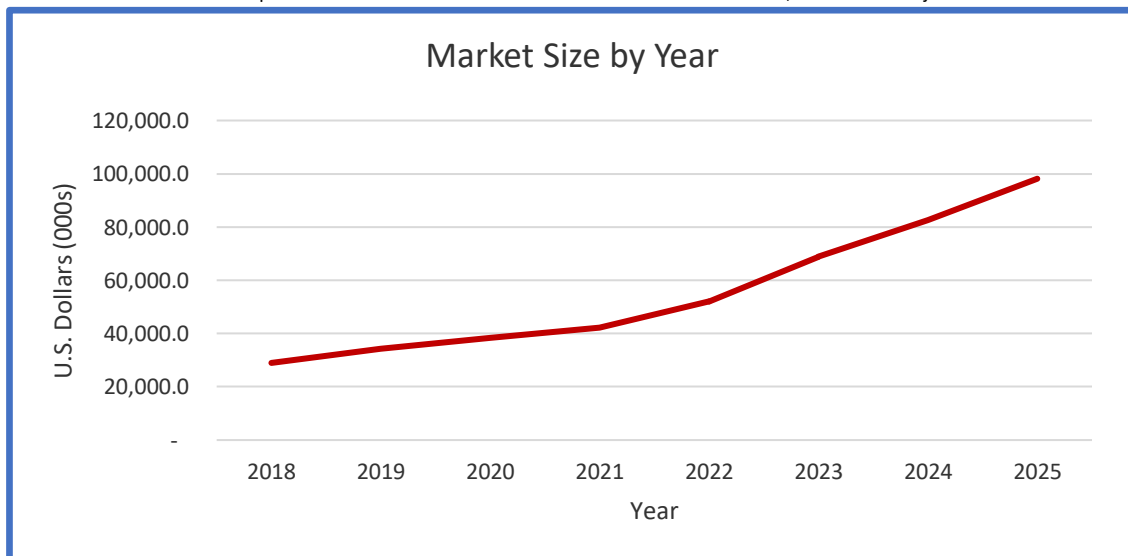
Product/Service Type: 3D Animation Market

The market for this equipment in Czech Republic is estimated to be \$82.5 million dollars in 2024 and is expected to change by 18.9 percent from 2024 to 2025. The market will be 1904.7 million Korunas in 2024 and is forecast to change by 19.9 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Korunas
2018	28,965.5	654,620.4
2019	34,242.9	743,071.5
2020	38,483.5	973,670.7
2021	42,162.5	973,368.7
2022	52,015.6	1,200,838.7
2023	68,791.8	1,588,134.5
2024	82,505.4	1,904,729.0
2025	98,131.7	2,265,480.7
2030	204,335.9	4,717,322.4
Y-to-Y Change	US Dollars	Korunas
2018-2019	18.2%	13.5%
2019-2020	12.4%	31.0%
2020-2021	9.6%	0.0%
2021-2022	23.4%	23.4%
2022-2023	32.3%	32.3%
2023-2024	19.9%	19.9%
2024-2025	18.9%	18.9%
CAGR 2025-2030	21.6%	108.2%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Czech Republic

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Czech Republic will be \$37.95 million dollars in 2024 and the lease and rental payments for the market will be \$4.13 million dollars. The operating expenses for this market is expected to reach \$62.04 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	37,952.5
Operating Expenses (\$1,000)	62,044.0
Employer Costs for Fringe Benefits (\$1,000)	6,022.9
Contract Labor Costs including Temporary Help (\$1,000)	2,557.7
Cost of Insurance (\$1,000)	1,155.1
Taxes and License Fees (\$1,000)	577.5
Lease and Rental Payments (\$1,000)	4,125.3

Cost of Services Estimates

The cost of transportation for this market in Czech Republic will be \$0.83 million dollars in 2024 and the cost of printing services for the market will be \$0.58 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.41 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	825.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	412.5
Cost of Purchased Printing Services (\$1,000)	577.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,155.1
Cost of Purchased Legal Services (\$1,000)	660.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	412.5

*2023-2025 Forecasts

Source: Barnes Reports

Denmark

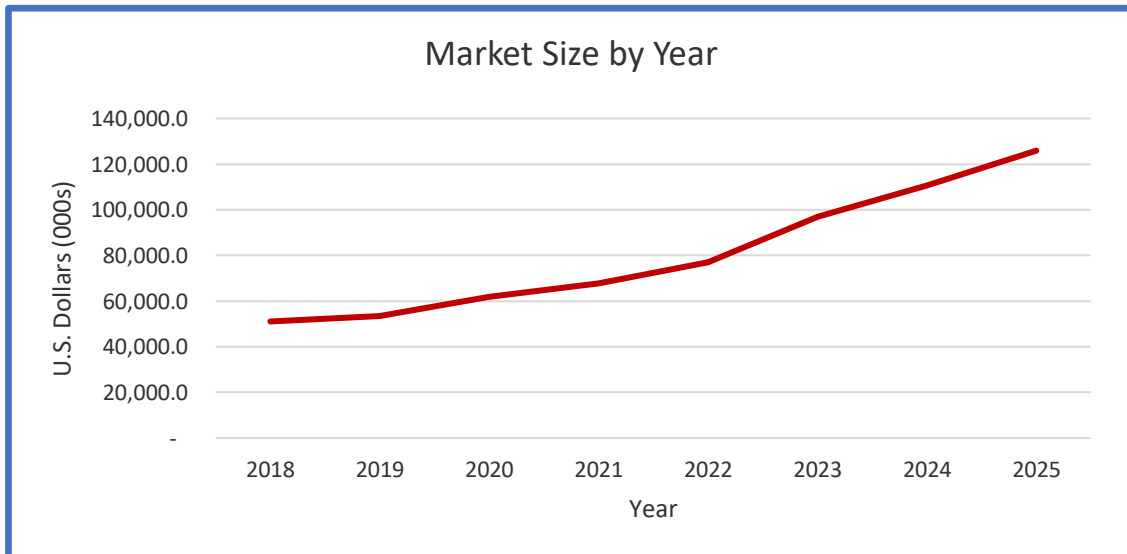
Product/Service Type: 3D Animation Market

The market for this equipment in Denmark is estimated to be \$110.7 million dollars in 2024 and is expected to change by 13.7 percent from 2024 to 2025. The market will be 780.1 million Kroner in 2024 and is forecast to change by 14.3 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Krones
2018	51,075.6	342,206.8
2019	53,515.2	326,442.7
2020	61,824.1	474,458.4
2021	67,650.1	476,546.0
2022	77,024.8	542,583.7
2023	96,908.6	682,650.9
2024	110,743.9	780,110.6
2025	125,907.1	886,924.5
2030	214,665.8	1,512,164.9
Y-to-Y Change	US Dollars	Krones
2018-2019	4.8%	-4.6%
2019-2020	15.5%	45.3%
2020-2021	9.4%	0.4%
2021-2022	13.9%	13.9%
2022-2023	25.8%	25.8%
2023-2024	14.3%	14.3%
2024-2025	13.7%	13.7%
CAGR 2025-2030	14.1%	70.5%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Denmark

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Denmark will be \$50.94 million dollars in 2024 and the lease and rental payments for the market will be \$5.54 million dollars. The operating expenses for this market is expected to reach \$83.28 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	50,942.2
Operating Expenses (\$1,000)	83,279.4
Employer Costs for Fringe Benefits (\$1,000)	8,084.3
Contract Labor Costs including Temporary Help (\$1,000)	3,433.1
Cost of Insurance (\$1,000)	1,550.4
Taxes and License Fees (\$1,000)	775.2
Lease and Rental Payments (\$1,000)	5,537.2

Cost of Services Estimates

The cost of transportation for this market in Denmark will be \$1.11 million dollars in 2024 and the cost of printing services for the market will be \$0.78 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.55 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,107.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	553.7
Cost of Purchased Printing Services (\$1,000)	775.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,550.4
Cost of Purchased Legal Services (\$1,000)	886.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	553.7

*2023-2025 Forecasts

Source: Barnes Reports

Egypt

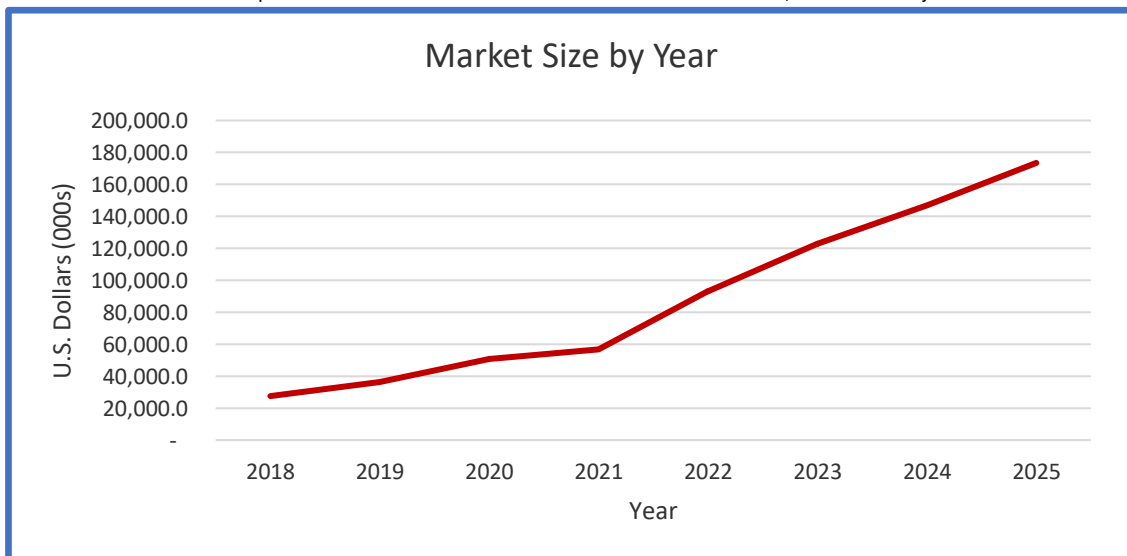
Product/Service Type: 3D Animation Market

The market for this equipment in Egypt is estimated to be \$146.8 million dollars in 2024 and is expected to change by 18.1 percent from 2024 to 2025. The market will be 4520.8 million Pounds in 2024 and is forecast to change by 19.5 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Pounds
2018	27,515.3	434,742.5
2019	36,411.3	568,015.7
2020	50,850.9	999,729.4
2021	56,750.2	1,747,337.8
2022	93,106.3	2,866,743.5
2023	122,870.4	3,783,179.5
2024	146,827.4	4,520,814.4
2025	173,465.3	5,340,996.4
2030	344,152.8	10,596,465.8
Y-to-Y Change	US Dollars	Pounds
2018-2019	32.3%	30.7%
2019-2020	39.7%	76.0%
2020-2021	11.6%	74.8%
2021-2022	64.1%	64.1%
2022-2023	32.0%	32.0%
2023-2024	19.5%	19.5%
2024-2025	18.1%	18.1%
CAGR 2025-2030	19.7%	98.4%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Egypt

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Egypt will be \$67.54 million dollars in 2024 and the lease and rental payments for the market will be \$7.34 million dollars. The operating expenses for this market is expected to reach \$110.41 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	67,540.6
Operating Expenses (\$1,000)	110,414.2
Employer Costs for Fringe Benefits (\$1,000)	10,718.4
Contract Labor Costs including Temporary Help (\$1,000)	4,551.6
Cost of Insurance (\$1,000)	2,055.6
Taxes and License Fees (\$1,000)	1,027.8
Lease and Rental Payments (\$1,000)	7,341.4

Cost of Services Estimates

The cost of transportation for this market in Egypt will be \$1.47 million dollars in 2024 and the cost of printing services for the market will be \$1.03 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.73 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,468.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	734.1
Cost of Purchased Printing Services (\$1,000)	1,027.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,055.6
Cost of Purchased Legal Services (\$1,000)	1,174.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	734.1

*2023-2025 Forecasts

Source: Barnes Reports

Finland

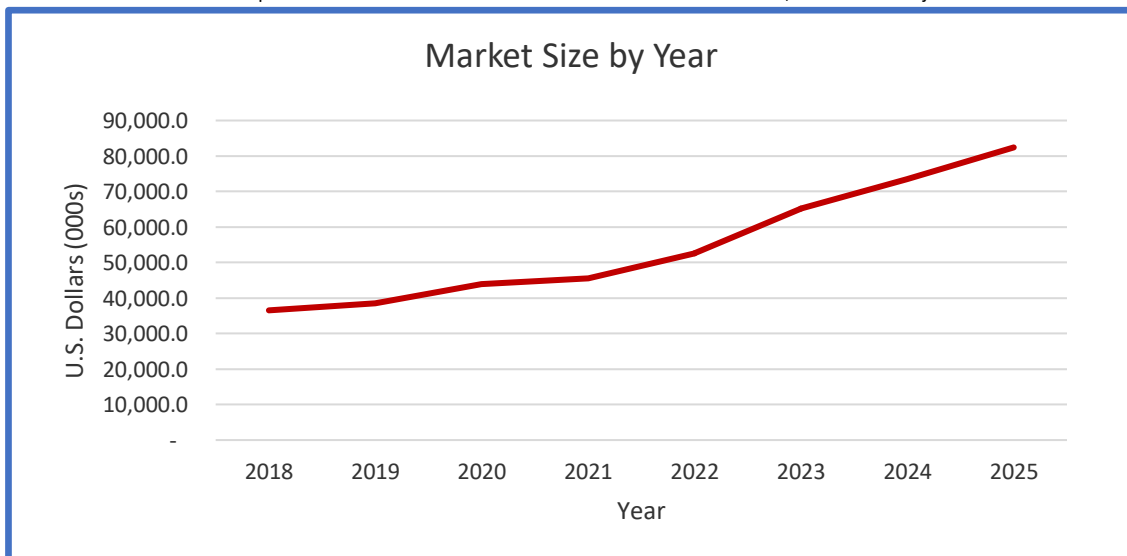
Product/Service Type: 3D Animation Market

The market for this equipment in Finland is estimated to be \$73.4 million dollars in 2024 and is expected to change by 12.3 percent from 2024 to 2025. The market will be 69.5 million Euros in 2024 and is forecast to change by 12.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	36,531.4	32,512.9
2019	38,455.2	31,533.3
2020	43,952.9	45,345.1
2021	45,497.1	43,050.2
2022	52,607.8	49,778.4
2023	65,178.5	61,673.0
2024	73,414.5	69,466.1
2025	82,421.6	77,988.7
2030	133,642.0	126,454.4
Y-to-Y Change	US Dollars	Euros
2018-2019	5.3%	-3.0%
2019-2020	14.3%	43.8%
2020-2021	3.5%	-5.1%
2021-2022	15.6%	15.6%
2022-2023	23.9%	23.9%
2023-2024	12.6%	12.6%
2024-2025	12.3%	12.3%
CAGR 2025-2030	12.4%	62.1%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Finland

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Finland will be \$33.77 million dollars in 2024 and the lease and rental payments for the market will be \$3.67 million dollars. The operating expenses for this market is expected to reach \$55.21 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	33,770.7
Operating Expenses (\$1,000)	55,207.7
Employer Costs for Fringe Benefits (\$1,000)	5,359.3
Contract Labor Costs including Temporary Help (\$1,000)	2,275.9
Cost of Insurance (\$1,000)	1,027.8
Taxes and License Fees (\$1,000)	513.9
Lease and Rental Payments (\$1,000)	3,670.7

Cost of Services Estimates

The cost of transportation for this market in Finland will be \$0.73 million dollars in 2024 and the cost of printing services for the market will be \$0.51 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.37 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	734.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	367.1
Cost of Purchased Printing Services (\$1,000)	513.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,027.8
Cost of Purchased Legal Services (\$1,000)	587.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	367.1

*2023-2025 Forecasts

Source: Barnes Reports

France

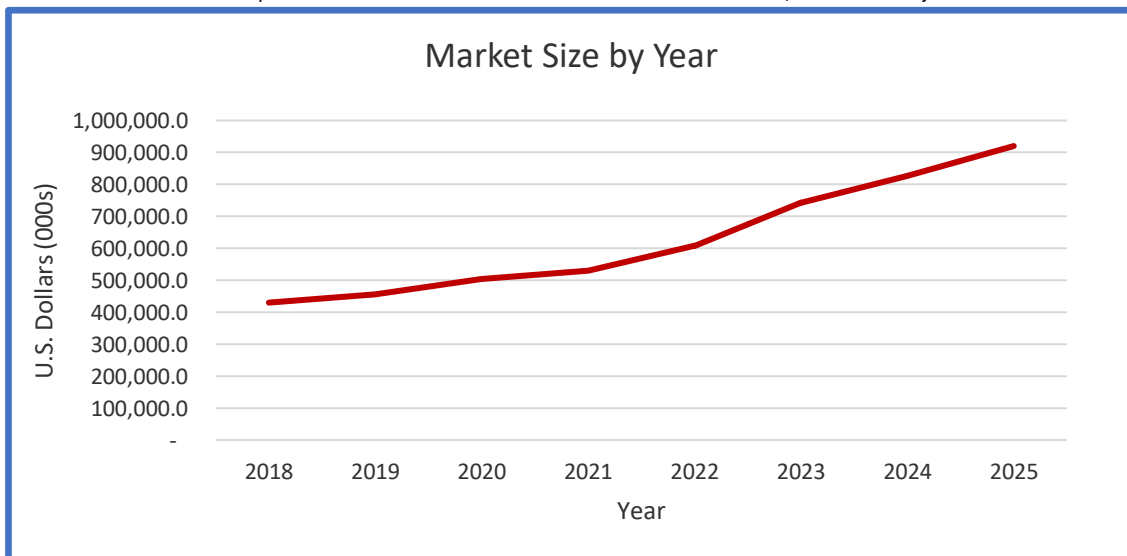
Product/Service Type: 3D Animation Market

The market for this equipment in France is estimated to be \$827.2 million dollars in 2024 and is expected to change by 11.2 percent from 2024 to 2025. The market will be 782.7 million Euros in 2024 and is forecast to change by 11.3 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	430,105.4	382,793.8
2019	454,967.7	373,073.5
2020	503,468.0	519,415.3
2021	529,847.1	501,350.4
2022	607,223.0	574,564.7
2023	742,913.1	702,957.0
2024	827,217.8	782,727.6
2025	920,094.2	870,608.8
2030	1,465,086.9	1,386,290.2
Y-to-Y Change	US Dollars	Euros
2018-2019	5.8%	-2.5%
2019-2020	10.7%	39.2%
2020-2021	5.2%	-3.5%
2021-2022	14.6%	14.6%
2022-2023	22.3%	22.3%
2023-2024	11.3%	11.3%
2024-2025	11.2%	11.2%
CAGR 2025-2030	11.8%	59.2%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



France

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in France will be \$380.52 million dollars in 2024 and the lease and rental payments for the market will be \$41.36 million dollars. The operating expenses for this market is expected to reach \$622.07 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	380,520.2
Operating Expenses (\$1,000)	622,067.8
Employer Costs for Fringe Benefits (\$1,000)	60,386.9
Contract Labor Costs including Temporary Help (\$1,000)	25,643.8
Cost of Insurance (\$1,000)	11,581.0
Taxes and License Fees (\$1,000)	5,790.5
Lease and Rental Payments (\$1,000)	41,360.9

Cost of Services Estimates

The cost of transportation for this market in France will be \$8.27 million dollars in 2024 and the cost of printing services for the market will be \$5.79 million dollars. The cost of repair and maintenance for this market is expected to reach \$4.14 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	8,272.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	4,136.1
Cost of Purchased Printing Services (\$1,000)	5,790.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	11,581.0
Cost of Purchased Legal Services (\$1,000)	6,617.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	4,136.1

*2023-2025 Forecasts

Source: Barnes Reports

Germany

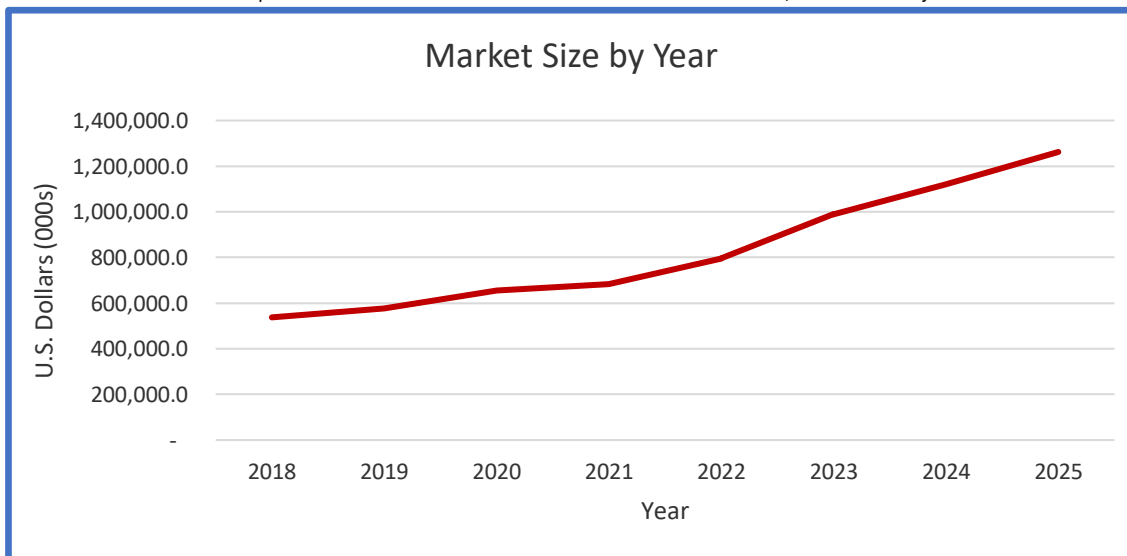
Product/Service Type: 3D Animation Market

The market for this equipment in Germany is estimated to be \$1,119.5 million dollars in 2024 and is expected to change by 12.7 percent from 2024 to 2025. The market will be 1059.3 million Euros in 2024 and is forecast to change by 13.1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	537,564.1	478,432.0
2019	577,428.8	473,491.6
2020	655,017.4	675,765.1
2021	682,164.5	645,475.7
2022	796,386.8	753,554.8
2023	990,169.6	936,915.3
2024	1,119,468.6	1,059,260.2
2025	1,262,074.4	1,194,196.2
2030	2,120,543.2	2,006,494.0
Y-to-Y Change	US Dollars	Euros
2018-2019	7.4%	-1.0%
2019-2020	13.4%	42.7%
2020-2021	4.1%	-4.5%
2021-2022	16.7%	16.7%
2022-2023	24.3%	24.3%
2023-2024	13.1%	13.1%
2024-2025	12.7%	12.7%
CAGR 2025-2030	13.6%	68.0%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Germany

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Germany will be \$514.96 million dollars in 2024 and the lease and rental payments for the market will be \$55.97 million dollars. The operating expenses for this market is expected to reach \$841.84 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	514,955.5
Operating Expenses (\$1,000)	841,840.4
Employer Costs for Fringe Benefits (\$1,000)	81,721.2
Contract Labor Costs including Temporary Help (\$1,000)	34,703.5
Cost of Insurance (\$1,000)	15,672.6
Taxes and License Fees (\$1,000)	7,836.3
Lease and Rental Payments (\$1,000)	55,973.4

Cost of Services Estimates

The cost of transportation for this market in Germany will be \$11.19 million dollars in 2024 and the cost of printing services for the market will be \$7.84 million dollars. The cost of repair and maintenance for this market is expected to reach \$5.60 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	11,194.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	5,597.3
Cost of Purchased Printing Services (\$1,000)	7,836.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	15,672.6
Cost of Purchased Legal Services (\$1,000)	8,955.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	5,597.3

*2023-2025 Forecasts

Source: Barnes Reports

Hungary

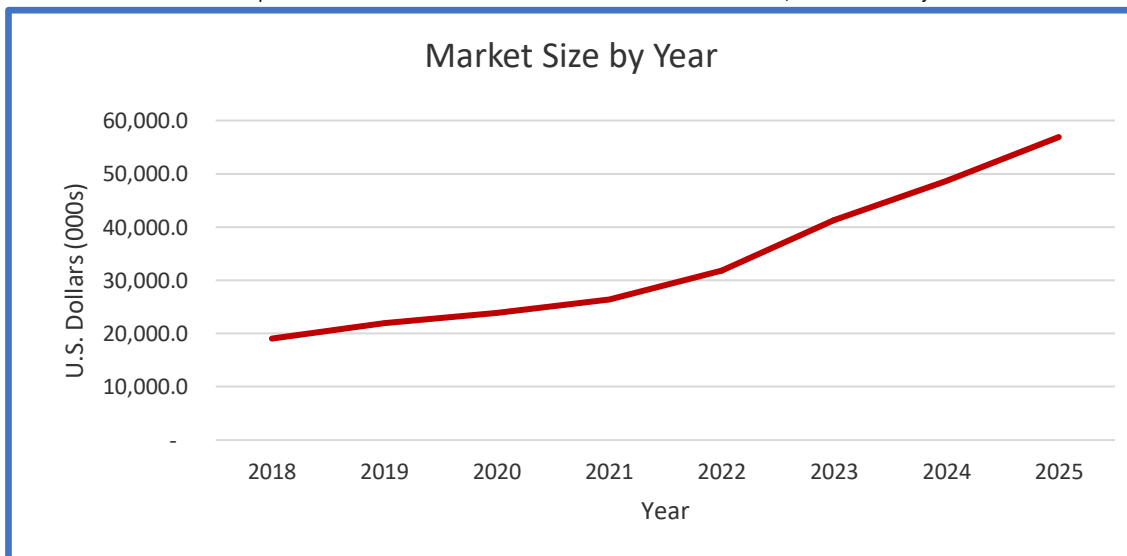
Product/Service Type: 3D Animation Market

The market for this equipment in Hungary is estimated to be \$48.6 million dollars in 2024 and is expected to change by 17 percent from 2024 to 2025. The market will be 17790.1 million Forints in 2024 and is forecast to change by 17.8 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Forints
2018	19,058.2	5,725,069.5
2019	21,945.5	6,430,032.4
2020	23,870.3	10,496,251.2
2021	26,409.0	9,657,293.9
2022	31,799.3	11,628,437.6
2023	41,292.5	15,099,923.7
2024	48,649.1	17,790,096.6
2025	56,896.1	20,805,864.2
2030	110,341.8	40,349,975.4
Y-to-Y Change	US Dollars	Forints
2018-2019	15.2%	12.3%
2019-2020	8.8%	63.2%
2020-2021	10.6%	-8.0%
2021-2022	20.4%	20.4%
2022-2023	29.9%	29.9%
2023-2024	17.8%	17.8%
2024-2025	17.0%	17.0%
CAGR 2025-2030	18.8%	93.9%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Hungary

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Hungary will be \$22.38 million dollars in 2024 and the lease and rental payments for the market will be \$2.43 million dollars. The operating expenses for this market is expected to reach \$36.58 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	22,378.6
Operating Expenses (\$1,000)	36,584.1
Employer Costs for Fringe Benefits (\$1,000)	3,551.4
Contract Labor Costs including Temporary Help (\$1,000)	1,508.1
Cost of Insurance (\$1,000)	681.1
Taxes and License Fees (\$1,000)	340.5
Lease and Rental Payments (\$1,000)	2,432.5

Cost of Services Estimates

The cost of transportation for this market in Hungary will be \$0.49 million dollars in 2024 and the cost of printing services for the market will be \$0.34 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.24 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	486.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	243.2
Cost of Purchased Printing Services (\$1,000)	340.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	681.1
Cost of Purchased Legal Services (\$1,000)	389.2
Cost of Purchased Accounting and Auditing Services (\$1,000)	243.2

*2023-2025 Forecasts

Source: Barnes Reports

India

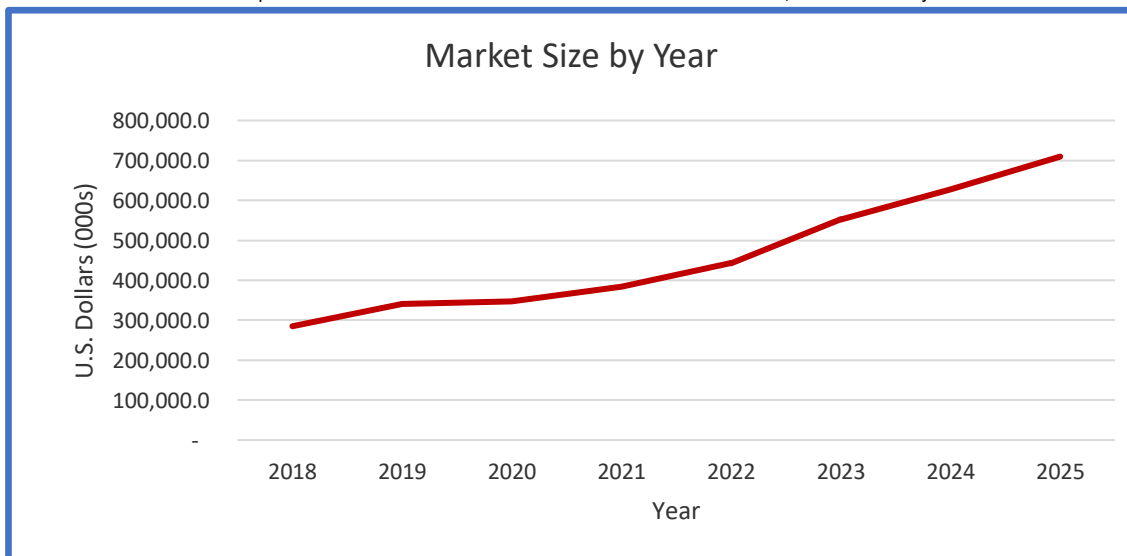
Product/Service Type: 3D Animation Market

The market for this equipment in India is estimated to be \$627.5 million dollars in 2024 and is expected to change by 13.1 percent from 2024 to 2025. The market will be 52154.7 million Rupees in 2024 and is forecast to change by 13.5 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Rupees
2018	284,933.5	20,201,785.0
2019	340,671.6	25,141,562.7
2020	347,550.6	28,639,028.4
2021	384,620.6	31,966,030.5
2022	442,517.5	36,777,874.3
2023	552,771.0	45,941,100.7
2024	627,533.5	52,154,652.9
2025	709,598.0	58,975,072.5
2030	1,199,116.0	99,659,181.5
Y-to-Y Change	US Dollars	Rupees
2018-2019	19.6%	24.5%
2019-2020	2.0%	13.9%
2020-2021	10.7%	11.6%
2021-2022	15.1%	15.1%
2022-2023	24.9%	24.9%
2023-2024	13.5%	13.5%
2024-2025	13.1%	13.1%
CAGR 2025-2030	13.8%	69.0%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



India

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in India will be \$288.67 million dollars in 2024 and the lease and rental payments for the market will be \$31.38 million dollars. The operating expenses for this market is expected to reach \$471.91 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	288,665.4
Operating Expenses (\$1,000)	471,905.2
Employer Costs for Fringe Benefits (\$1,000)	45,809.9
Contract Labor Costs including Temporary Help (\$1,000)	19,453.5
Cost of Insurance (\$1,000)	8,785.5
Taxes and License Fees (\$1,000)	4,392.7
Lease and Rental Payments (\$1,000)	31,376.7

Cost of Services Estimates

The cost of transportation for this market in India will be \$6.28 million dollars in 2024 and the cost of printing services for the market will be \$4.39 million dollars. The cost of repair and maintenance for this market is expected to reach \$3.14 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	6,275.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	3,137.7
Cost of Purchased Printing Services (\$1,000)	4,392.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	8,785.5
Cost of Purchased Legal Services (\$1,000)	5,020.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	3,137.7

*2023-2025 Forecasts

Source: Barnes Reports

Indonesia

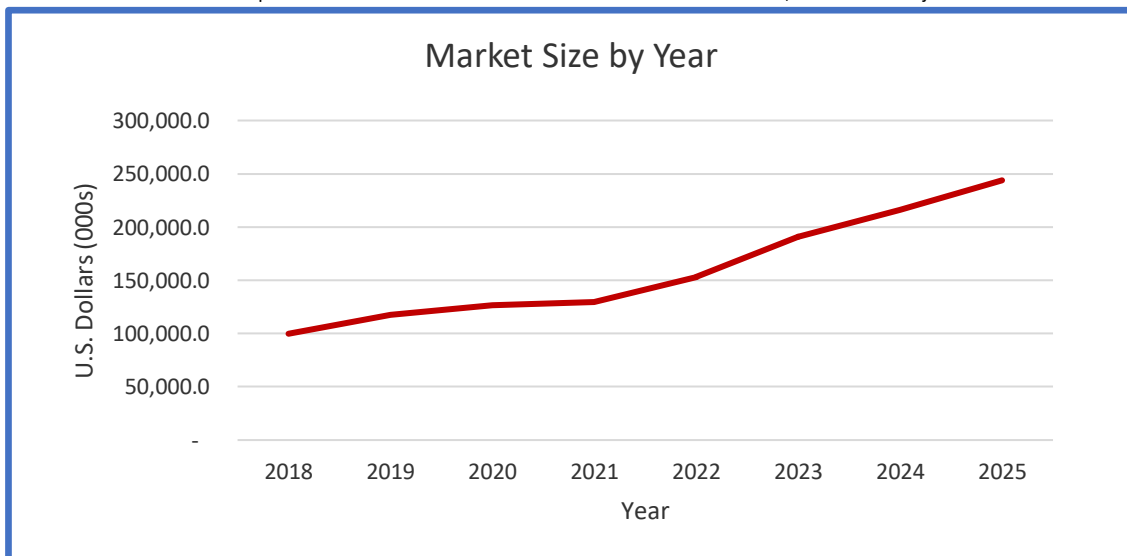
Product/Service Type: 3D Animation Market

The market for this equipment in Indonesia is estimated to be \$216.2 million dollars in 2024 and is expected to change by 12.8 percent from 2024 to 2025. The market will be 3373529.8 million Rupiahs in 2024 and is forecast to change by 13.2 percent from 2024 to 2025.

Year	Market Sales (000s)	
	US Dollars	Rupiahs
2018	99,808.7	1,361,191,671.7
2019	117,798.8	1,666,970,176.5
2020	126,420.8	1,936,058,281.0
2021	129,385.4	2,019,213,045.8
2022	153,204.1	2,390,931,714.9
2023	190,889.0	2,979,050,153.4
2024	216,166.1	3,373,529,845.0
2025	243,846.9	3,805,520,555.3
2030	407,581.3	6,360,791,116.8
Y-to-Y Change	US Dollars	Rupiahs
2018-2019	18.0%	22.5%
2019-2020	7.3%	16.1%
2020-2021	2.3%	4.3%
2021-2022	18.4%	18.4%
2022-2023	24.6%	24.6%
2023-2024	13.2%	13.2%
2024-2025	12.8%	12.8%
CAGR 2025-2030	13.4%	67.1%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Indonesia

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Indonesia will be \$99.44 million dollars in 2024 and the lease and rental payments for the market will be \$10.81 million dollars. The operating expenses for this market is expected to reach \$162.56 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	99,436.4
Operating Expenses (\$1,000)	162,556.9
Employer Costs for Fringe Benefits (\$1,000)	15,780.1
Contract Labor Costs including Temporary Help (\$1,000)	6,701.2
Cost of Insurance (\$1,000)	3,026.3
Taxes and License Fees (\$1,000)	1,513.2
Lease and Rental Payments (\$1,000)	10,808.3

Cost of Services Estimates

The cost of transportation for this market in Indonesia will be \$2.16 million dollars in 2024 and the cost of printing services for the market will be \$1.51 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.08 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	2,161.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,080.8
Cost of Purchased Printing Services (\$1,000)	1,513.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	3,026.3
Cost of Purchased Legal Services (\$1,000)	1,729.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,080.8

*2023-2025 Forecasts

Source: Barnes Reports

Ireland

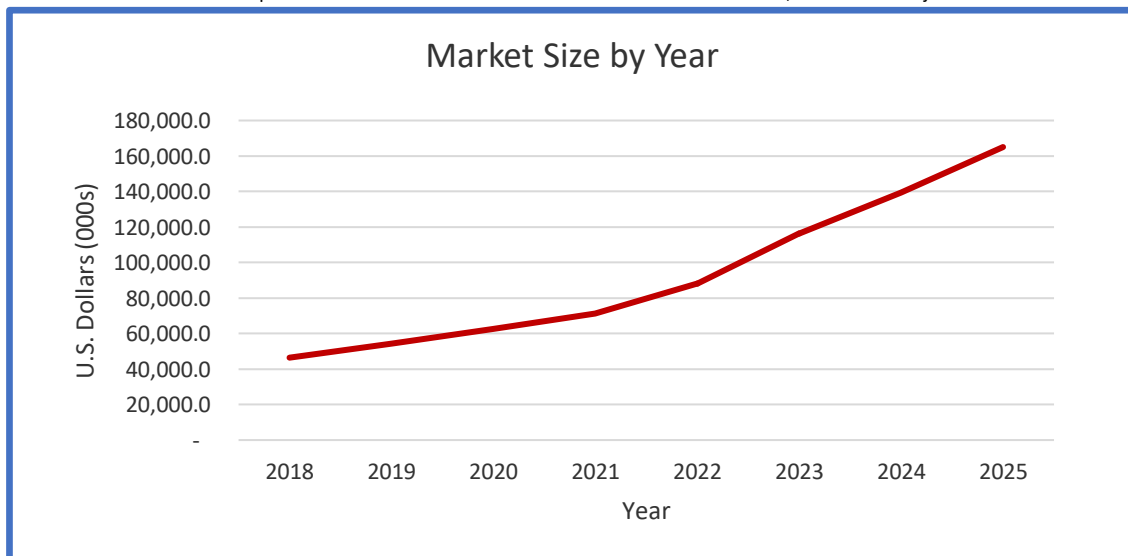
Product/Service Type: 3D Animation Market

The market for this equipment in Ireland is estimated to be \$139.4 million dollars in 2024 and is expected to change by 18.4 percent from 2024 to 2025. The market will be 131.9 million Euros in 2024 and is forecast to change by 19.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	46,408.0	41,303.2
2019	54,429.2	44,631.9
2020	62,758.9	60,876.1
2021	71,082.0	67,259.0
2022	88,075.6	83,338.7
2023	116,416.7	110,155.4
2024	139,373.5	131,877.6
2025	165,053.8	156,176.7
2030	332,272.7	314,402.0
Y-to-Y Change	US Dollars	Euros
2018-2019	17.3%	8.1%
2019-2020	15.3%	36.4%
2020-2021	13.3%	10.5%
2021-2022	23.9%	23.9%
2022-2023	32.2%	32.2%
2023-2024	19.7%	19.7%
2024-2025	18.4%	18.4%
CAGR 2025-2030	20.3%	101.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Ireland

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Ireland will be \$64.11 million dollars in 2024 and the lease and rental payments for the market will be \$6.97 million dollars. The operating expenses for this market is expected to reach \$104.81 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	64,111.8
Operating Expenses (\$1,000)	104,808.9
Employer Costs for Fringe Benefits (\$1,000)	10,174.3
Contract Labor Costs including Temporary Help (\$1,000)	4,320.6
Cost of Insurance (\$1,000)	1,951.2
Taxes and License Fees (\$1,000)	975.6
Lease and Rental Payments (\$1,000)	6,968.7

Cost of Services Estimates

The cost of transportation for this market in Ireland will be \$1.39 million dollars in 2024 and the cost of printing services for the market will be \$0.98 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.70 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,393.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	696.9
Cost of Purchased Printing Services (\$1,000)	975.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,951.2
Cost of Purchased Legal Services (\$1,000)	1,115.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	696.9

*2023-2025 Forecasts

Source: Barnes Reports

Israel

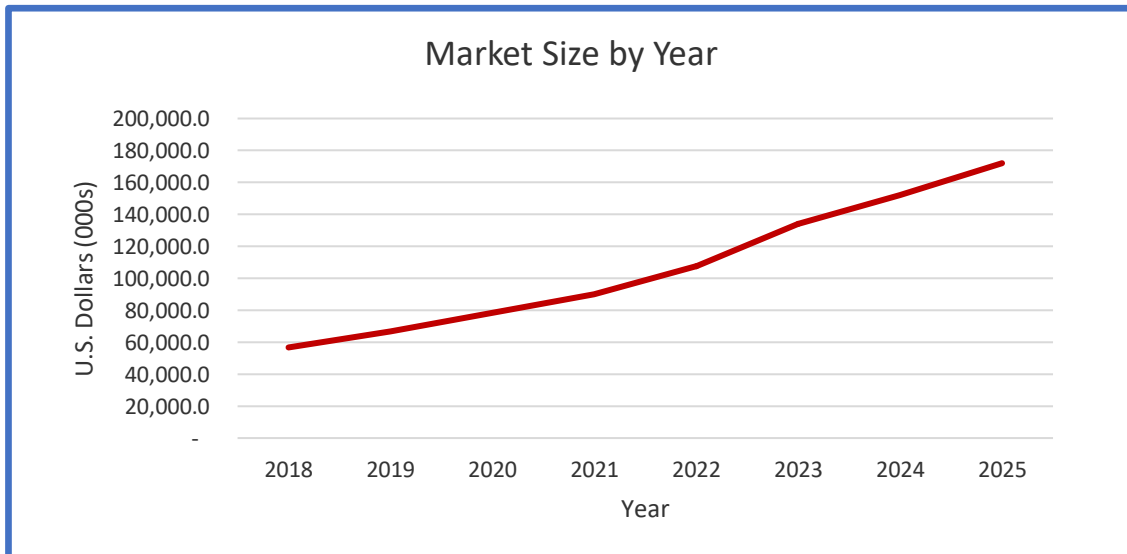
Product/Service Type: 3D Animation Market

The market for this equipment in Israel is estimated to be \$152.1 million dollars in 2024 and is expected to change by 13.1 percent from 2024 to 2025. The market will be 587.2 million New Shekels in 2024 and is forecast to change by 13.4 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	New Shekels
2018	56,707.0	192,803.9
2019	66,847.1	213,910.7
2020	78,181.4	278,640.5
2021	90,128.1	348,055.6
2022	107,513.3	415,193.8
2023	134,072.3	517,758.9
2024	152,057.1	587,212.6
2025	172,026.8	664,331.0
2030	311,590.7	1,203,297.4
Y-to-Y Change	US Dollars	New Shekels
2018-2019	17.9%	10.9%
2019-2020	17.0%	30.3%
2020-2021	15.3%	24.9%
2021-2022	19.3%	19.3%
2022-2023	24.7%	24.7%
2023-2024	13.4%	13.4%
2024-2025	13.1%	13.1%
CAGR 2025-2030	16.2%	81.1%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Israel

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Israel will be \$69.95 million dollars in 2024 and the lease and rental payments for the market will be \$7.60 million dollars. The operating expenses for this market is expected to reach \$114.35 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	69,946.3
Operating Expenses (\$1,000)	114,347.0
Employer Costs for Fringe Benefits (\$1,000)	11,100.2
Contract Labor Costs including Temporary Help (\$1,000)	4,713.8
Cost of Insurance (\$1,000)	2,128.8
Taxes and License Fees (\$1,000)	1,064.4
Lease and Rental Payments (\$1,000)	7,602.9

Cost of Services Estimates

The cost of transportation for this market in Israel will be \$1.52 million dollars in 2024 and the cost of printing services for the market will be \$1.06 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.76 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,520.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	760.3
Cost of Purchased Printing Services (\$1,000)	1,064.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,128.8
Cost of Purchased Legal Services (\$1,000)	1,216.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	760.3

*2023-2025 Forecasts

Source: Barnes Reports

Italy

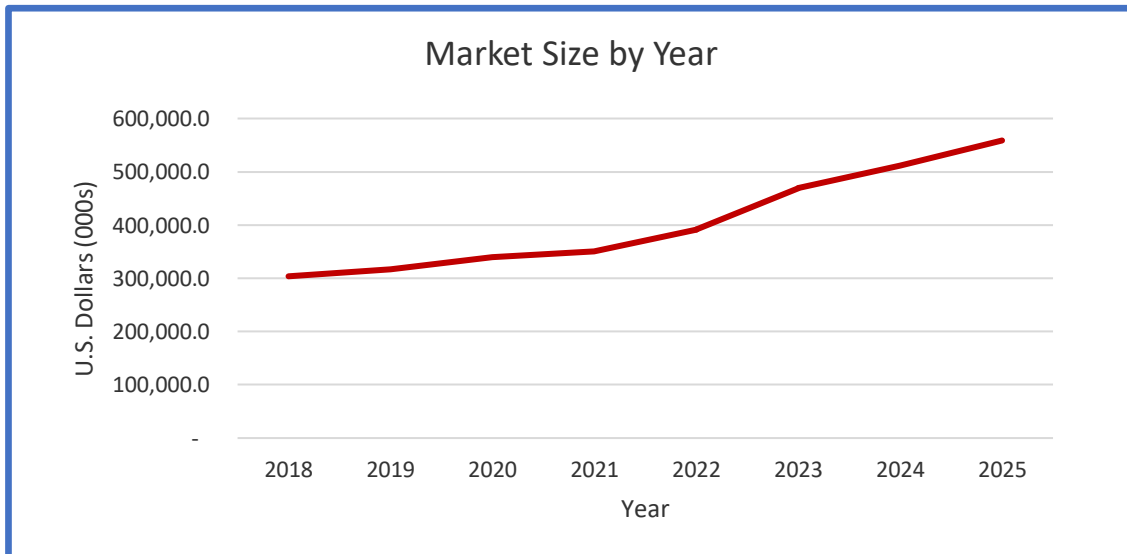
Product/Service Type: 3D Animation Market

The market for this equipment in Italy is estimated to be \$511.6 million dollars in 2024 and is expected to change by 9.2 percent from 2024 to 2025. The market will be 484.1 million Euros in 2024 and is forecast to change by 9.1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	303,737.7	270,326.6
2019	316,703.0	259,696.4
2020	340,125.2	350,898.7
2021	349,924.3	331,104.3
2022	391,575.1	370,515.0
2023	468,906.0	443,686.9
2024	511,572.6	484,058.7
2025	558,708.5	528,659.5
2030	822,286.7	778,061.6
Y-to-Y Change	US Dollars	Euros
2018-2019	4.3%	-3.9%
2019-2020	7.4%	35.1%
2020-2021	2.9%	-5.6%
2021-2022	11.9%	11.9%
2022-2023	19.7%	19.7%
2023-2024	9.1%	9.1%
2024-2025	9.2%	9.2%
CAGR 2025-2030	9.4%	47.2%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Italy

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Italy will be \$235.32 million dollars in 2024 and the lease and rental payments for the market will be \$25.58 million dollars. The operating expenses for this market is expected to reach \$384.70 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	235,323.4
Operating Expenses (\$1,000)	384,702.6
Employer Costs for Fringe Benefits (\$1,000)	37,344.8
Contract Labor Costs including Temporary Help (\$1,000)	15,858.8
Cost of Insurance (\$1,000)	7,162.0
Taxes and License Fees (\$1,000)	3,581.0
Lease and Rental Payments (\$1,000)	25,578.6

Cost of Services Estimates

The cost of transportation for this market in Italy will be \$5.12 million dollars in 2024 and the cost of printing services for the market will be \$3.58 million dollars. The cost of repair and maintenance for this market is expected to reach \$2.56 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	5,115.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	2,557.9
Cost of Purchased Printing Services (\$1,000)	3,581.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	7,162.0
Cost of Purchased Legal Services (\$1,000)	4,092.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	2,557.9

*2023-2025 Forecasts

Source: Barnes Reports

Japan

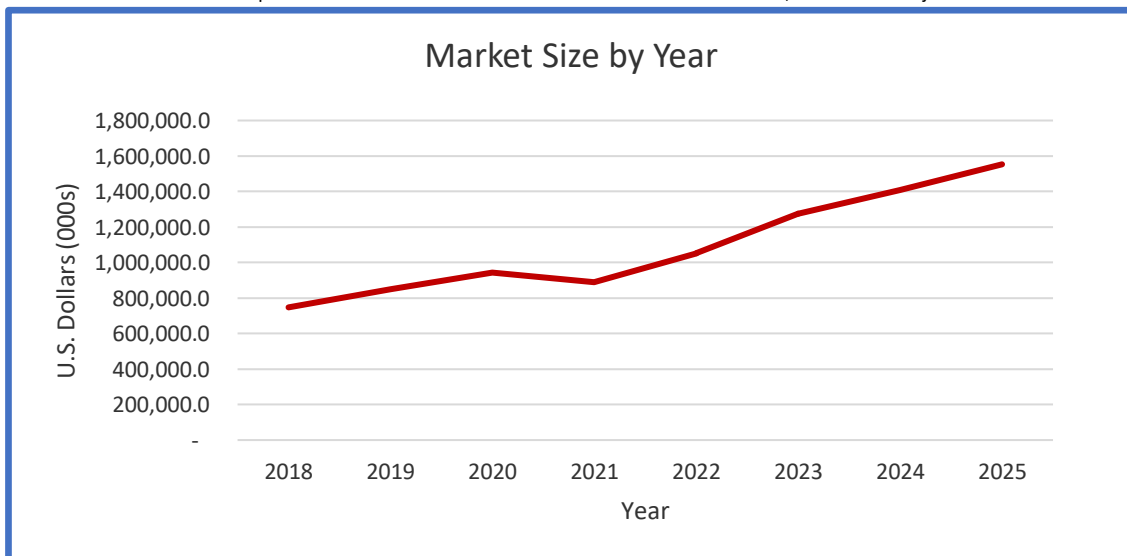
Product/Service Type: 3D Animation Market

The market for this equipment in Japan is estimated to be \$1,407.0 million dollars in 2024 and is expected to change by 10.4 percent from 2024 to 2025. The market will be 210130 million Yens in 2024 and is forecast to change by 10.3 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Yens
2018	747,460.5	82,220,660,182.2
2019	849,364.8	87,484,572,006.7
2020	941,706.2	137,239,309.1
2021	890,911.0	133,056,714.9
2022	1,052,809.6	157,236,111.6
2023	1,275,263.3	190,459,357.4
2024	1,406,972.4	210,129,998.6
2025	1,553,088.3	231,952,266.5
2030	2,401,079.7	358,598,974.8
Y-to-Y Change	US Dollars	Yens
2018-2019	13.6%	6.4%
2019-2020	10.9%	-99.8%
2020-2021	-5.4%	-3.0%
2021-2022	18.2%	18.2%
2022-2023	21.1%	21.1%
2023-2024	10.3%	10.3%
2024-2025	10.4%	10.4%
CAGR 2025-2030	10.9%	54.6%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Japan

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Japan will be \$647.21 million dollars in 2024 and the lease and rental payments for the market will be \$70.35 million dollars. The operating expenses for this market is expected to reach \$1,058.04 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	647,207.3
Operating Expenses (\$1,000)	1,058,043.3
Employer Costs for Fringe Benefits (\$1,000)	102,709.0
Contract Labor Costs including Temporary Help (\$1,000)	43,616.1
Cost of Insurance (\$1,000)	19,697.6
Taxes and License Fees (\$1,000)	9,848.8
Lease and Rental Payments (\$1,000)	70,348.6

Cost of Services Estimates

The cost of transportation for this market in Japan will be \$14.07 million dollars in 2024 and the cost of printing services for the market will be \$9.85 million dollars. The cost of repair and maintenance for this market is expected to reach \$7.03 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	14,069.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	7,034.9
Cost of Purchased Printing Services (\$1,000)	9,848.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	19,697.6
Cost of Purchased Legal Services (\$1,000)	11,255.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	7,034.9

*2023-2025 Forecasts

Source: Barnes Reports

South Korea

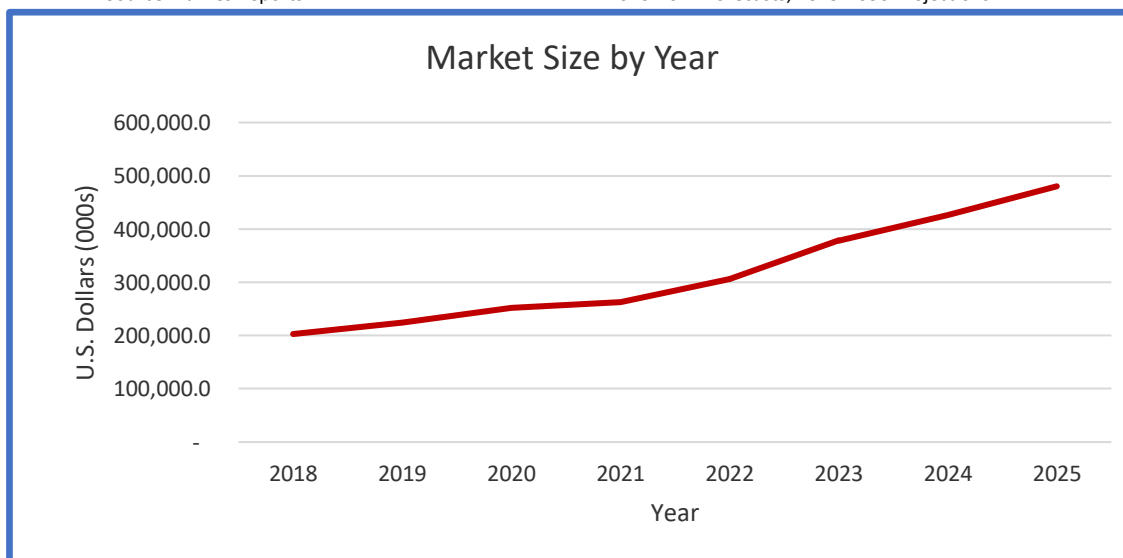
Product/Service Type: 3D Animation Market

The market for this equipment in South Korea is estimated to be \$426.6 million dollars in 2024 and is expected to change by 12.6 percent from 2024 to 2025. The market will be 573779.7 million Wons in 2024 and is forecast to change by 12.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Wons
2018	202,845.7	235,098,184.1
2019	223,744.6	244,105,322.9
2020	251,646.6	359,669,902.8
2021	262,747.3	353,425,630.3
2022	306,045.0	411,666,104.4
2023	378,689.4	509,381,236.3
2024	426,565.1	573,779,691.5
2025	480,225.6	645,959,230.2
2030	814,018.1	1,094,948,964.8
Y-to-Y Change	US Dollars	Wons
2018-2019	10.3%	3.8%
2019-2020	12.5%	47.3%
2020-2021	4.4%	-1.7%
2021-2022	16.5%	16.5%
2022-2023	23.7%	23.7%
2023-2024	12.6%	12.6%
2024-2025	12.6%	12.6%
CAGR 2025-2030	13.9%	69.5%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



South Korea

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in South Korea will be \$196.22 million dollars in 2024 and the lease and rental payments for the market will be \$21.33 million dollars. The operating expenses for this market is expected to reach \$320.78 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	196,220.0
Operating Expenses (\$1,000)	320,777.0
Employer Costs for Fringe Benefits (\$1,000)	31,139.3
Contract Labor Costs including Temporary Help (\$1,000)	13,223.5
Cost of Insurance (\$1,000)	5,971.9
Taxes and License Fees (\$1,000)	2,986.0
Lease and Rental Payments (\$1,000)	21,328.3

Cost of Services Estimates

The cost of transportation for this market in South Korea will be \$4.27 million dollars in 2024 and the cost of printing services for the market will be \$2.99 million dollars. The cost of repair and maintenance for this market is expected to reach \$2.13 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	4,265.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	2,132.8
Cost of Purchased Printing Services (\$1,000)	2,986.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	5,971.9
Cost of Purchased Legal Services (\$1,000)	3,412.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	2,132.8

*2023-2025 Forecasts

Source: Barnes Reports

Malaysia

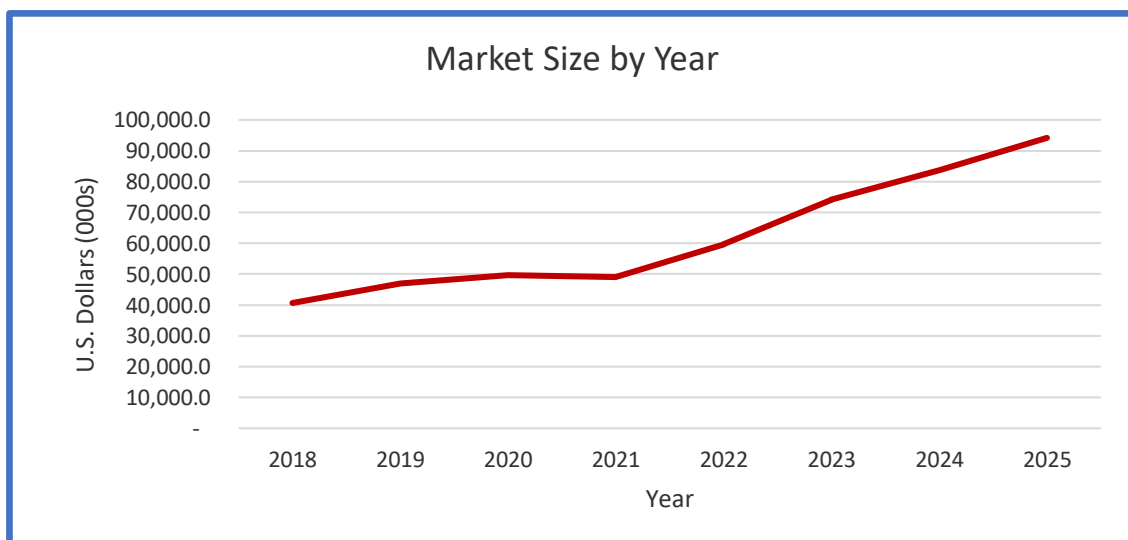
Product/Service Type: 3D Animation Market

The market for this equipment in Malaysia is estimated to be \$83.6 million dollars in 2024 and is expected to change by 12.6 percent from 2024 to 2025. The market will be 394 million Ringgits in 2024 and is forecast to change by 12.9 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Ringgits
2018	40,633.9	164,973.8
2019	47,059.8	191,533.4
2020	49,644.4	230,845.3
2021	48,963.4	230,719.8
2022	59,700.5	281,313.9
2023	74,080.5	349,073.5
2024	83,613.4	393,993.2
2025	94,163.0	443,704.0
2030	157,804.5	743,587.7
Y-to-Y Change	US Dollars	Ringgits
2018-2019	15.8%	16.1%
2019-2020	5.5%	20.5%
2020-2021	-1.4%	-0.1%
2021-2022	21.9%	21.9%
2022-2023	24.1%	24.1%
2023-2024	12.9%	12.9%
2024-2025	12.6%	12.6%
CAGR 2025-2030	13.5%	67.6%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Malaysia

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Malaysia will be \$38.46 million dollars in 2024 and the lease and rental payments for the market will be \$4.18 million dollars. The operating expenses for this market is expected to reach \$62.88 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	38,462.2
Operating Expenses (\$1,000)	62,877.3
Employer Costs for Fringe Benefits (\$1,000)	6,103.8
Contract Labor Costs including Temporary Help (\$1,000)	2,592.0
Cost of Insurance (\$1,000)	1,170.6
Taxes and License Fees (\$1,000)	585.3
Lease and Rental Payments (\$1,000)	4,180.7

Cost of Services Estimates

The cost of transportation for this market in Malaysia will be \$0.84 million dollars in 2024 and the cost of printing services for the market will be \$0.59 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.42 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	836.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	418.1
Cost of Purchased Printing Services (\$1,000)	585.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,170.6
Cost of Purchased Legal Services (\$1,000)	668.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	418.1

*2023-2025 Forecasts

Source: Barnes Reports

Mexico

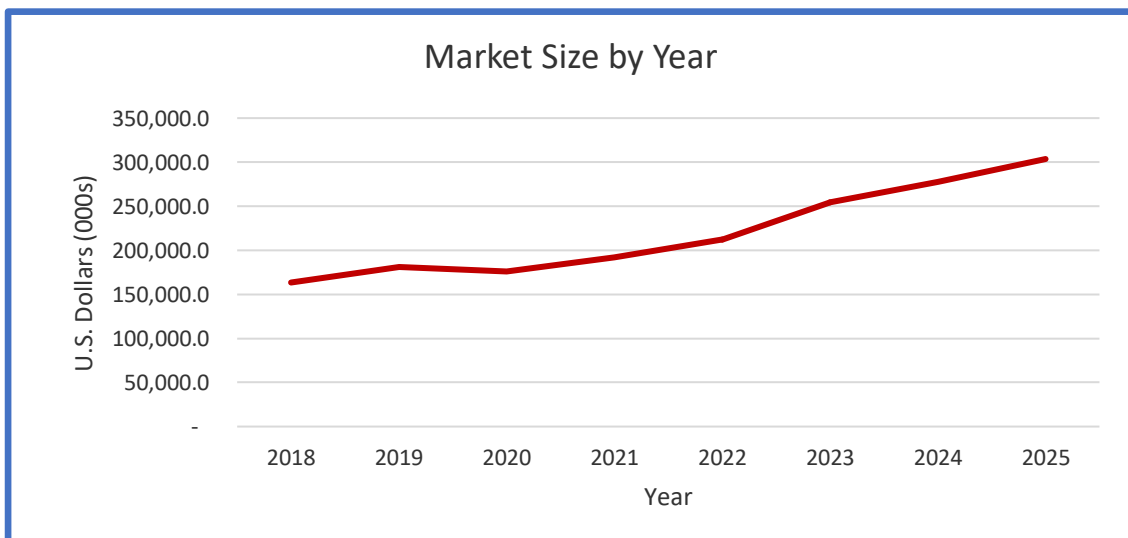
Product/Service Type: 3D Animation Market

The market for this equipment in Mexico is estimated to be \$277.8 million dollars in 2024 and is expected to change by 9.3 percent from 2024 to 2025. The market will be 5050.7 million Pesos in 2024 and is forecast to change by 9.2 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Pesos
2018	163,468.6	3,056,862.3
2019	180,842.6	3,580,683.2
2020	176,240.9	3,518,763.3
2021	191,756.0	3,486,034.3
2022	212,079.5	3,855,506.6
2023	254,347.6	4,623,922.2
2024	277,825.5	5,050,738.4
2025	303,598.8	5,519,285.2
2030	445,942.1	8,107,019.8
Y-to-Y Change	US Dollars	Pesos
2018-2019	10.6%	17.1%
2019-2020	-2.5%	-1.7%
2020-2021	8.8%	-0.9%
2021-2022	10.6%	10.6%
2022-2023	19.9%	19.9%
2023-2024	9.2%	9.2%
2024-2025	9.3%	9.3%
CAGR 2025-2030	9.4%	46.9%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Mexico

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Mexico will be \$127.80 million dollars in 2024 and the lease and rental payments for the market will be \$13.89 million dollars. The operating expenses for this market is expected to reach \$208.92 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	127,799.7
Operating Expenses (\$1,000)	208,924.8
Employer Costs for Fringe Benefits (\$1,000)	20,281.3
Contract Labor Costs including Temporary Help (\$1,000)	8,612.6
Cost of Insurance (\$1,000)	3,889.6
Taxes and License Fees (\$1,000)	1,944.8
Lease and Rental Payments (\$1,000)	13,891.3

Cost of Services Estimates

The cost of transportation for this market in Mexico will be \$2.78 million dollars in 2024 and the cost of printing services for the market will be \$1.94 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.39 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	2,778.3
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,389.1
Cost of Purchased Printing Services (\$1,000)	1,944.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	3,889.6
Cost of Purchased Legal Services (\$1,000)	2,222.6
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,389.1

*2023-2025 Forecasts

Source: Barnes Reports

Netherlands

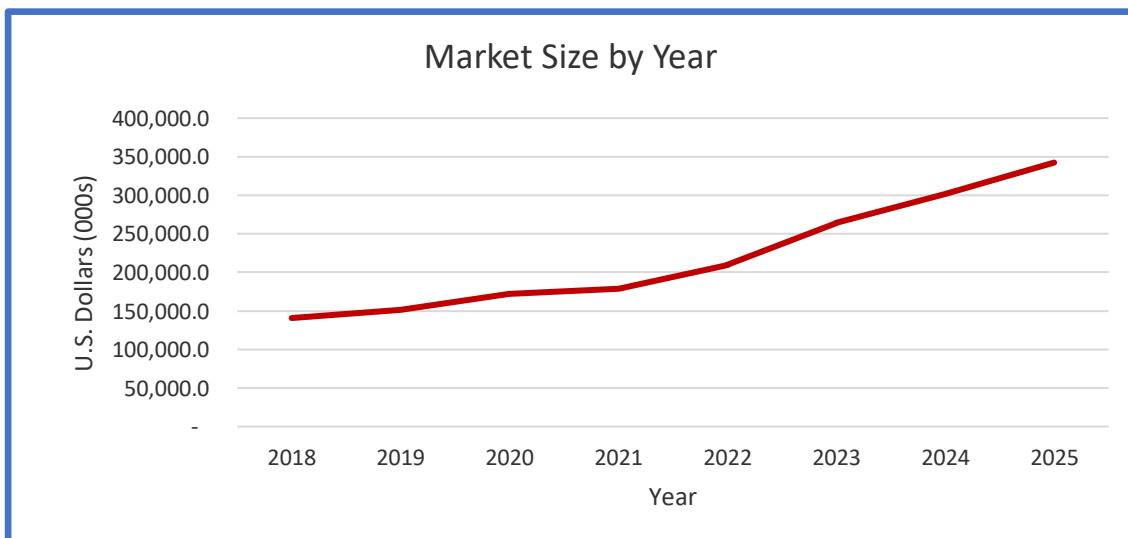
Product/Service Type: 3D Animation Market

The market for this equipment in Netherlands is estimated to be \$301.4 million dollars in 2024 and is expected to change by 13.6 percent from 2024 to 2025. The market will be 285.2 million Euros in 2024 and is forecast to change by 14.2 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	140,765.4	125,281.2
2019	151,584.8	124,299.6
2020	171,693.2	177,131.6
2021	178,832.1	169,214.0
2022	209,812.0	198,527.7
2023	263,859.3	249,668.2
2024	301,361.3	285,153.2
2025	342,348.3	323,935.8
2030	589,849.5	558,125.6
Y-to-Y Change	US Dollars	Euros
2018-2019	7.7%	-0.8%
2019-2020	13.3%	42.5%
2020-2021	4.2%	-4.5%
2021-2022	17.3%	17.3%
2022-2023	25.8%	25.8%
2023-2024	14.2%	14.2%
2024-2025	13.6%	13.6%
CAGR 2025-2030	14.5%	72.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Netherlands

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Netherlands will be \$138.63 million dollars in 2024 and the lease and rental payments for the market will be \$15.07 million dollars. The operating expenses for this market is expected to reach \$226.62 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	138,626.2
Operating Expenses (\$1,000)	226,623.7
Employer Costs for Fringe Benefits (\$1,000)	21,999.4
Contract Labor Costs including Temporary Help (\$1,000)	9,342.2
Cost of Insurance (\$1,000)	4,219.1
Taxes and License Fees (\$1,000)	2,109.5
Lease and Rental Payments (\$1,000)	15,068.1

Cost of Services Estimates

The cost of transportation for this market in Netherlands will be \$3.01 million dollars in 2024 and the cost of printing services for the market will be \$2.11 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.51 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	3,013.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,506.8
Cost of Purchased Printing Services (\$1,000)	2,109.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	4,219.1
Cost of Purchased Legal Services (\$1,000)	2,410.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,506.8

*2023-2025 Forecasts

Source: Barnes Reports

Nigeria

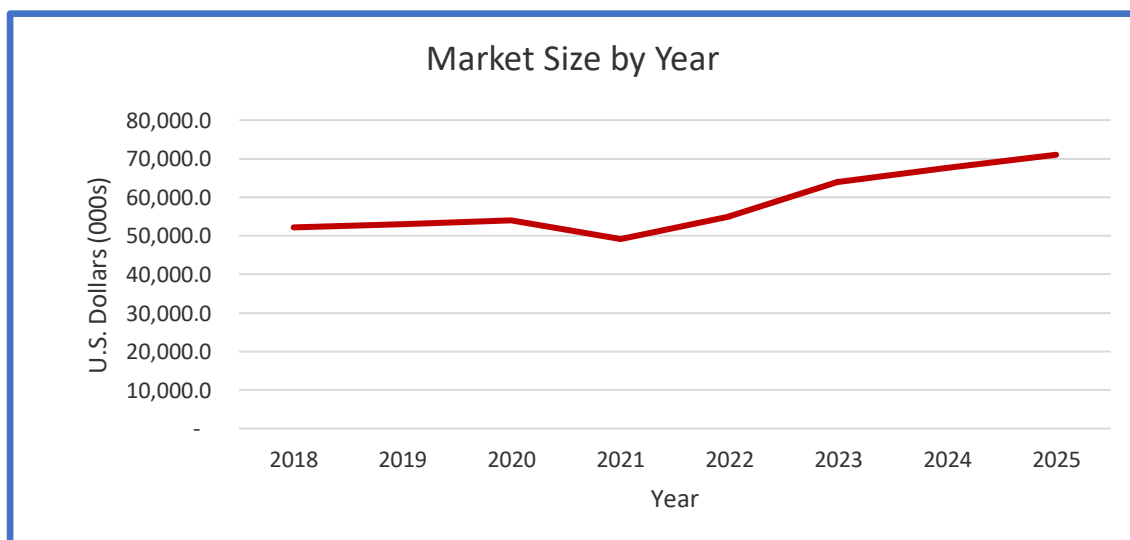
Product/Service Type: 3D Animation Market

The market for this equipment in Nigeria is estimated to be \$67.6 million dollars in 2024 and is expected to change by 5 percent from 2024 to 2025. The market will be 52209.4 million Nairas in 2024 and is forecast to change by 5.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Nairas
2018	52,211.3	18,900,485.3
2019	53,045.0	20,210,142.5
2020	53,935.4	23,423,079.6
2021	49,155.9	37,954,770.5
2022	55,048.1	42,504,309.4
2023	64,022.5	49,433,725.5
2024	67,617.4	52,209,438.8
2025	71,018.8	54,835,754.5
2030	81,322.7	62,791,672.5
Y-to-Y Change	US Dollars	Nairas
2018-2019	1.6%	6.9%
2019-2020	1.7%	15.9%
2020-2021	-8.9%	62.0%
2021-2022	12.0%	12.0%
2022-2023	16.3%	16.3%
2023-2024	5.6%	5.6%
2024-2025	5.0%	5.0%
CAGR 2025-2030	2.9%	14.5%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Nigeria

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Nigeria will be \$31.10 million dollars in 2024 and the lease and rental payments for the market will be \$3.38 million dollars. The operating expenses for this market is expected to reach \$50.85 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	31,104.0
Operating Expenses (\$1,000)	50,848.3
Employer Costs for Fringe Benefits (\$1,000)	4,936.1
Contract Labor Costs including Temporary Help (\$1,000)	2,096.1
Cost of Insurance (\$1,000)	946.6
Taxes and License Fees (\$1,000)	473.3
Lease and Rental Payments (\$1,000)	3,380.9

Cost of Services Estimates

The cost of transportation for this market in Nigeria will be \$0.68 million dollars in 2024 and the cost of printing services for the market will be \$0.47 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.34 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	676.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	338.1
Cost of Purchased Printing Services (\$1,000)	473.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	946.6
Cost of Purchased Legal Services (\$1,000)	540.9
Cost of Purchased Accounting and Auditing Services (\$1,000)	338.1

*2023-2025 Forecasts

Source: Barnes Reports

Norway

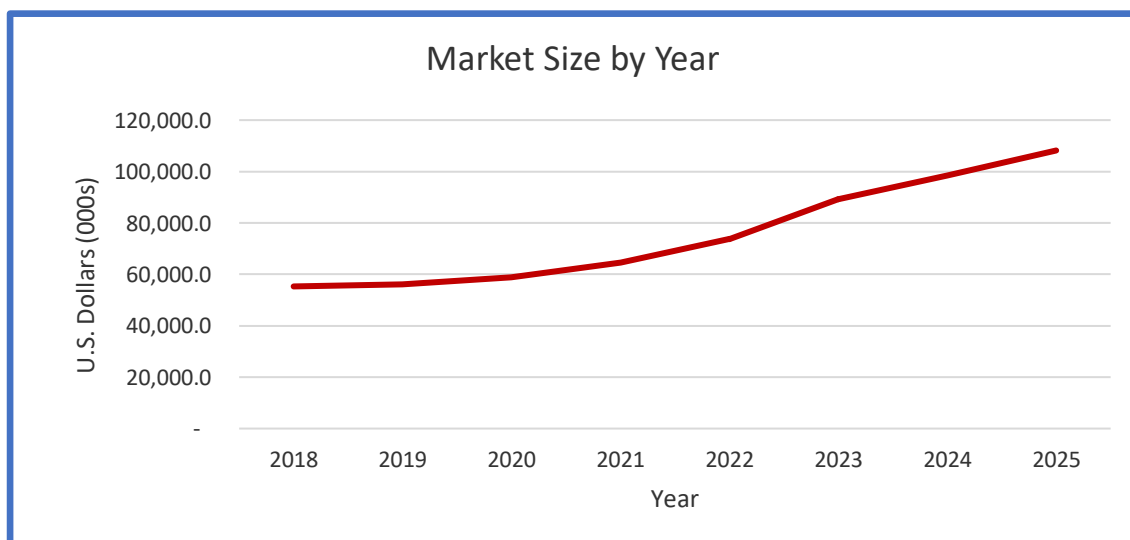
Product/Service Type: 3D Animation Market

The market for this equipment in Norway is estimated to be \$98.4 million dollars in 2024 and is expected to change by 10 percent from 2024 to 2025. The market will be 1073.1 million Kroner in 2024 and is forecast to change by 10.2 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Krones
2018	55,301.5	486,652.9
2019	56,030.9	487,469.1
2020	58,765.3	628,296.4
2021	64,686.4	705,811.0
2022	73,691.6	804,069.1
2023	89,254.4	973,879.9
2024	98,351.9	1,073,144.6
2025	108,183.3	1,180,417.6
2030	160,838.3	1,754,951.2
Y-to-Y Change	US Dollars	Krones
2018-2019	1.3%	0.2%
2019-2020	4.9%	28.9%
2020-2021	10.1%	12.3%
2021-2022	13.9%	13.9%
2022-2023	21.1%	21.1%
2023-2024	10.2%	10.2%
2024-2025	10.0%	10.0%
CAGR 2025-2030	9.7%	48.7%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Norway

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Norway will be \$45.24 million dollars in 2024 and the lease and rental payments for the market will be \$4.92 million dollars. The operating expenses for this market is expected to reach \$73.96 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	45,241.9
Operating Expenses (\$1,000)	73,960.6
Employer Costs for Fringe Benefits (\$1,000)	7,179.7
Contract Labor Costs including Temporary Help (\$1,000)	3,048.9
Cost of Insurance (\$1,000)	1,376.9
Taxes and License Fees (\$1,000)	688.5
Lease and Rental Payments (\$1,000)	4,917.6

Cost of Services Estimates

The cost of transportation for this market in Norway will be \$0.98 million dollars in 2024 and the cost of printing services for the market will be \$0.69 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.49 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	983.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	491.8
Cost of Purchased Printing Services (\$1,000)	688.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,376.9
Cost of Purchased Legal Services (\$1,000)	786.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	491.8

*2023-2025 Forecasts

Source: Barnes Reports

Pakistan

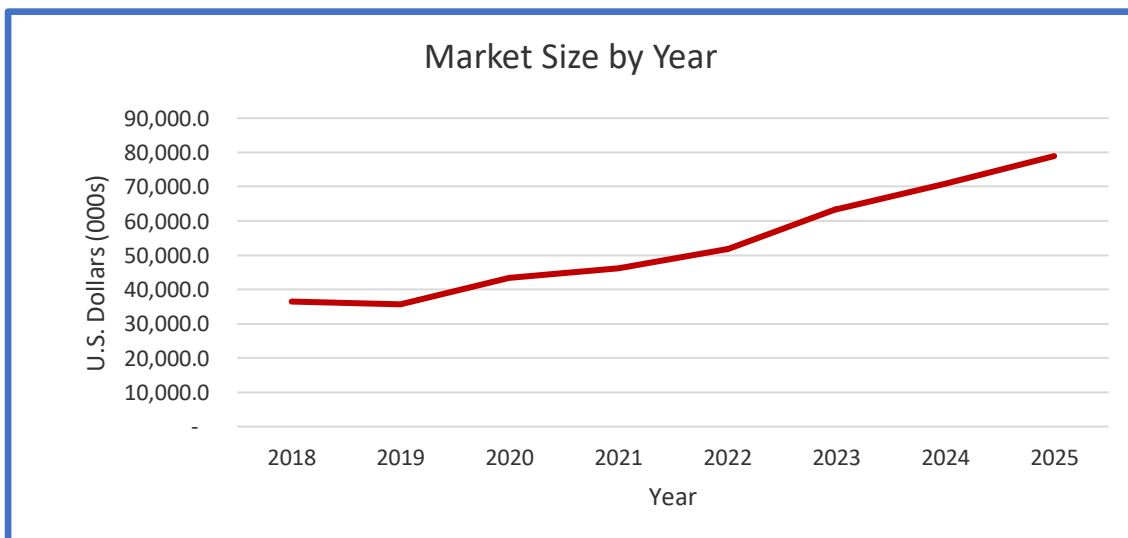
Product/Service Type: 3D Animation Market

The market for this equipment in Pakistan is estimated to be \$70.8 million dollars in 2024 and is expected to change by 11.4 percent from 2024 to 2025. The market will be 20078.2 million Rupees in 2024 and is forecast to change by 11.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Rupees
2018	36,411.3	5,607,332.5
2019	35,665.4	5,706,458.3
2020	43,340.5	9,607,425.8
2021	46,213.5	13,103,197.8
2022	51,732.3	14,667,999.2
2023	63,449.9	17,990,357.9
2024	70,813.5	20,078,209.0
2025	78,918.4	22,376,252.5
2030	126,054.2	35,740,943.4
Y-to-Y Change	US Dollars	Rupees
2018-2019	-2.0%	1.8%
2019-2020	21.5%	68.4%
2020-2021	6.6%	36.4%
2021-2022	11.9%	11.9%
2022-2023	22.7%	22.7%
2023-2024	11.6%	11.6%
2024-2025	11.4%	11.4%
CAGR 2025-2030	11.9%	59.7%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Pakistan

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Pakistan will be \$32.57 million dollars in 2024 and the lease and rental payments for the market will be \$3.54 million dollars. The operating expenses for this market is expected to reach \$53.25 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	32,574.2
Operating Expenses (\$1,000)	53,251.8
Employer Costs for Fringe Benefits (\$1,000)	5,169.4
Contract Labor Costs including Temporary Help (\$1,000)	2,195.2
Cost of Insurance (\$1,000)	991.4
Taxes and License Fees (\$1,000)	495.7
Lease and Rental Payments (\$1,000)	3,540.7

Cost of Services Estimates

The cost of transportation for this market in Pakistan will be \$0.71 million dollars in 2024 and the cost of printing services for the market will be \$0.50 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.35 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	708.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	354.1
Cost of Purchased Printing Services (\$1,000)	495.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	991.4
Cost of Purchased Legal Services (\$1,000)	566.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	354.1

*2023-2025 Forecasts

Source: Barnes Reports

Philippines

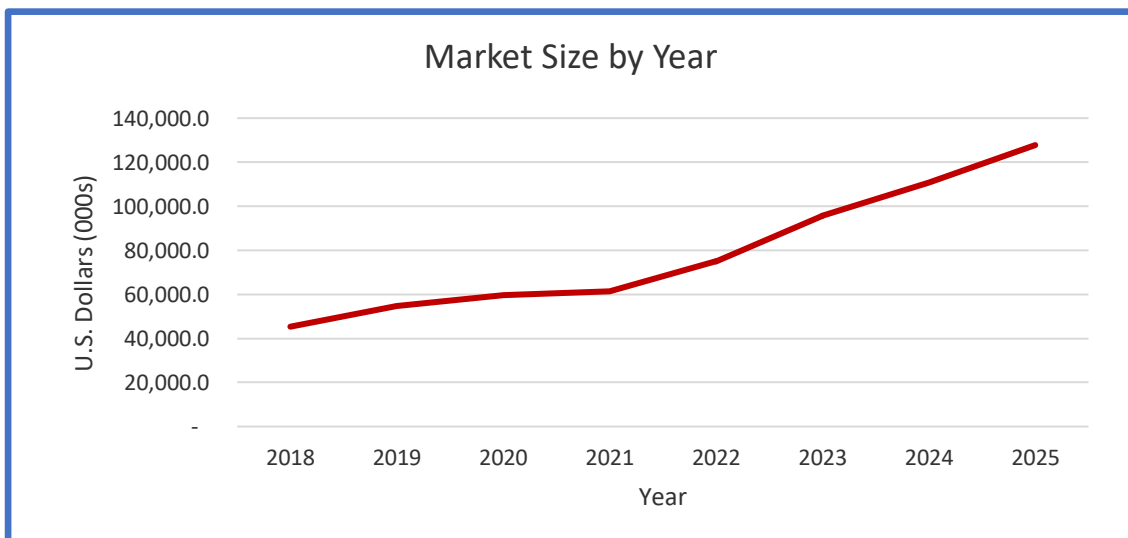
Product/Service Type: 3D Animation Market

The market for this equipment in Philippines is estimated to be \$110.9 million dollars in 2024 and is expected to change by 15.3 percent from 2024 to 2025. The market will be 6284.1 million Pesos in 2024 and is forecast to change by 15.9 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Pesos
2018	45,339.6	2,303,250.6
2019	54,581.2	2,619,897.6
2020	59,757.1	3,525,058.1
2021	61,257.1	3,472,641.3
2022	74,930.5	4,247,778.4
2023	95,639.9	5,421,788.4
2024	110,850.2	6,284,053.1
2025	127,757.0	7,242,492.6
2030	233,033.6	13,210,578.8
Y-to-Y Change	US Dollars	Pesos
2018-2019	20.4%	13.7%
2019-2020	9.5%	34.5%
2020-2021	2.5%	-1.5%
2021-2022	22.3%	22.3%
2022-2023	27.6%	27.6%
2023-2024	15.9%	15.9%
2024-2025	15.3%	15.3%
CAGR 2025-2030	16.5%	82.4%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Philippines

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Philippines will be \$50.99 million dollars in 2024 and the lease and rental payments for the market will be \$5.54 million dollars. The operating expenses for this market is expected to reach \$83.36 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	50,991.1
Operating Expenses (\$1,000)	83,359.4
Employer Costs for Fringe Benefits (\$1,000)	8,092.1
Contract Labor Costs including Temporary Help (\$1,000)	3,436.4
Cost of Insurance (\$1,000)	1,551.9
Taxes and License Fees (\$1,000)	776.0
Lease and Rental Payments (\$1,000)	5,542.5

Cost of Services Estimates

The cost of transportation for this market in Philippines will be \$1.11 million dollars in 2024 and the cost of printing services for the market will be \$0.78 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.55 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,108.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	554.3
Cost of Purchased Printing Services (\$1,000)	776.0
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,551.9
Cost of Purchased Legal Services (\$1,000)	886.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	554.3

*2023-2025 Forecasts

Source: Barnes Reports

Poland

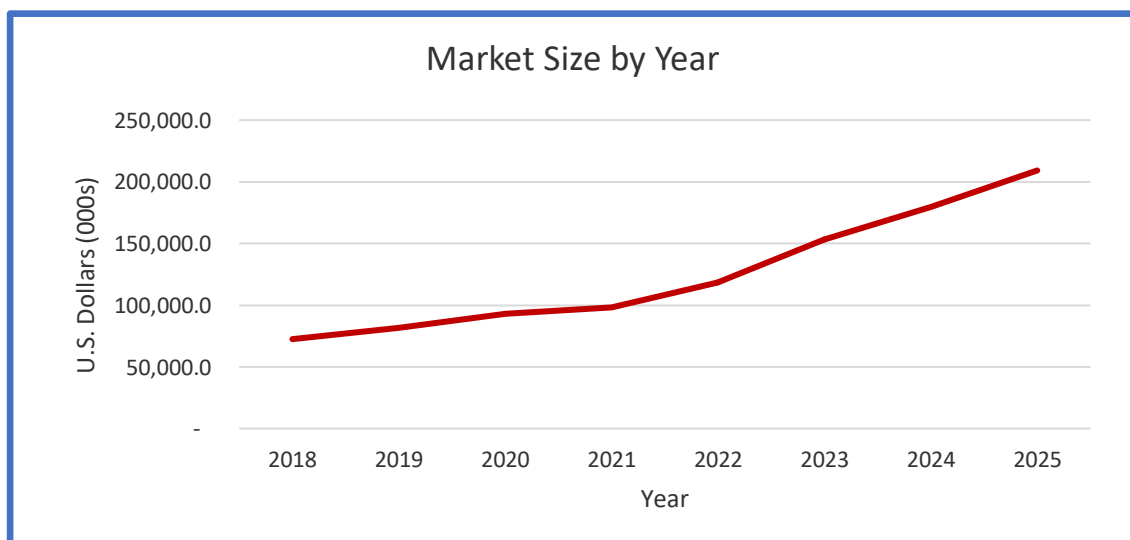
Product/Service Type: 3D Animation Market

The market for this equipment in Poland is estimated to be \$179.8 million dollars in 2024 and is expected to change by 16.3 percent from 2024 to 2025. The market will be 778.8 million Zlotys in 2024 and is forecast to change by 17.3 percent from 2024 to 2025.

Year	Market Sales (000s)	
	US Dollars	Zlotys
2018	72,490.3	275,463.0
2019	81,642.6	293,913.2
2020	92,819.7	464,091.2
2021	98,448.0	426,423.5
2022	118,532.0	513,416.5
2023	153,291.4	663,975.3
2024	179,801.7	778,803.3
2025	209,196.4	906,125.4
2030	395,084.5	1,711,292.1
Y-to-Y Change	US Dollars	Zlotys
2018-2019	12.6%	6.7%
2019-2020	13.7%	57.9%
2020-2021	6.1%	-8.1%
2021-2022	20.4%	20.4%
2022-2023	29.3%	29.3%
2023-2024	17.3%	17.3%
2024-2025	16.3%	16.3%
CAGR 2025-2030	17.8%	88.9%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Poland

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Poland will be \$82.71 million dollars in 2024 and the lease and rental payments for the market will be \$8.99 million dollars. The operating expenses for this market is expected to reach \$135.21 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	82,708.8
Operating Expenses (\$1,000)	135,210.8
Employer Costs for Fringe Benefits (\$1,000)	13,125.5
Contract Labor Costs including Temporary Help (\$1,000)	5,573.9
Cost of Insurance (\$1,000)	2,517.2
Taxes and License Fees (\$1,000)	1,258.6
Lease and Rental Payments (\$1,000)	8,990.1

Cost of Services Estimates

The cost of transportation for this market in Poland will be \$1.80 million dollars in 2024 and the cost of printing services for the market will be \$1.26 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.90 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,798.0
Cost of Purchased Repair and Maintenance Services (\$1,000)	899.0
Cost of Purchased Printing Services (\$1,000)	1,258.6
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,517.2
Cost of Purchased Legal Services (\$1,000)	1,438.4
Cost of Purchased Accounting and Auditing Services (\$1,000)	899.0

*2023-2025 Forecasts

Source: Barnes Reports

Puerto Rico

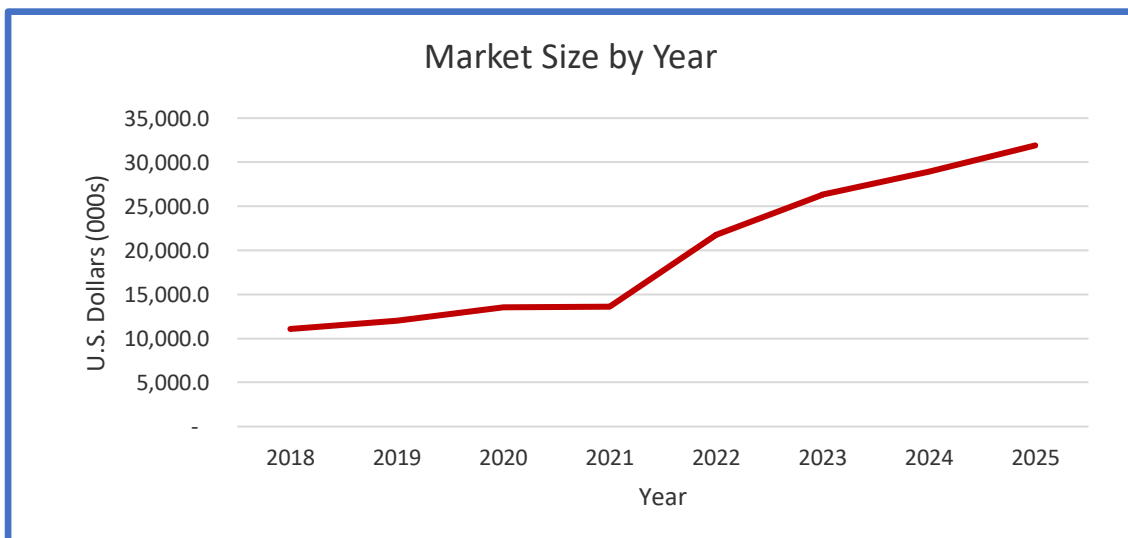
Product/Service Type: 3D Animation Market

The market for this equipment in Puerto Rico is estimated to be \$29.0 million dollars in 2024 and is expected to change by 10.2 percent from 2024 to 2025. The market will be 29 million Dollars in 2024 and is forecast to change by 10.1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dollars
2018	11,074.4	11,074.4
2019	12,040.2	12,040.2
2020	13,549.2	13,549.2
2021	13,577.9	13,577.9
2022	21,749.3	21,749.3
2023	26,298.3	26,298.3
2024	28,960.3	28,960.3
2025	31,902.3	31,902.3
2030	48,745.7	48,745.7
Y-to-Y Change	US Dollars	Dollars
2018-2019	8.7%	8.7%
2019-2020	12.5%	12.5%
2020-2021	0.2%	0.2%
2021-2022	60.2%	60.2%
2022-2023	20.9%	20.9%
2023-2024	10.1%	10.1%
2024-2025	10.2%	10.2%
CAGR 2025-2030	10.6%	52.8%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Puerto Rico

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Puerto Rico will be \$13.32 million dollars in 2024 and the lease and rental payments for the market will be \$1.45 million dollars. The operating expenses for this market is expected to reach \$21.78 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	13,321.8
Operating Expenses (\$1,000)	21,778.2
Employer Costs for Fringe Benefits (\$1,000)	2,114.1
Contract Labor Costs including Temporary Help (\$1,000)	897.8
Cost of Insurance (\$1,000)	405.4
Taxes and License Fees (\$1,000)	202.7
Lease and Rental Payments (\$1,000)	1,448.0

Cost of Services Estimates

The cost of transportation for this market in Puerto Rico will be \$0.29 million dollars in 2024 and the cost of printing services for the market will be \$0.20 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.14 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	289.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	144.8
Cost of Purchased Printing Services (\$1,000)	202.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	405.4
Cost of Purchased Legal Services (\$1,000)	231.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	144.8

*2023-2025 Forecasts

Source: Barnes Reports

Romania

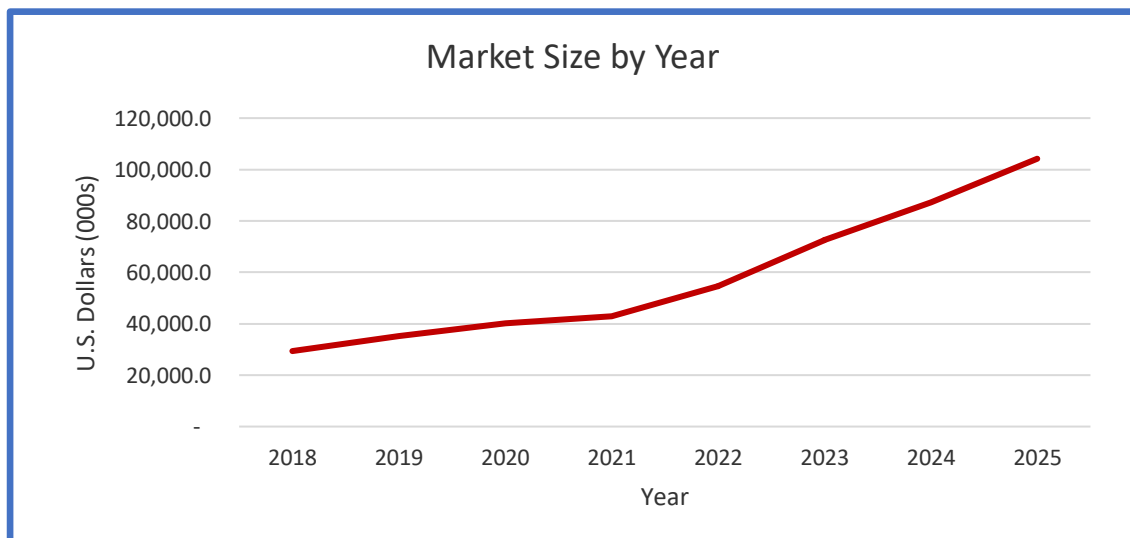
Product/Service Type: 3D Animation Market

The market for this equipment in Romania is estimated to be \$87.3 million dollars in 2024 and is expected to change by 19.3 percent from 2024 to 2025. The market will be 409.9 million Leus in 2024 and is forecast to change by 20.4 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Leus
2018	29,372.1	126,006.5
2019	35,093.9	140,726.7
2020	40,121.1	204,393.4
2021	42,972.2	201,742.5
2022	54,622.4	256,436.8
2023	72,525.5	340,487.1
2024	87,310.9	409,900.1
2025	104,195.9	489,170.5
2030	221,067.6	1,037,850.6
Y-to-Y Change	US Dollars	Leus
2018-2019	19.5%	11.7%
2019-2020	14.3%	45.2%
2020-2021	7.1%	-1.3%
2021-2022	27.1%	27.1%
2022-2023	32.8%	32.8%
2023-2024	20.4%	20.4%
2024-2025	19.3%	19.3%
CAGR 2025-2030	22.4%	112.2%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Romania

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Romania will be \$40.16 million dollars in 2024 and the lease and rental payments for the market will be \$4.37 million dollars. The operating expenses for this market is expected to reach \$65.66 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	40,163.0
Operating Expenses (\$1,000)	65,657.8
Employer Costs for Fringe Benefits (\$1,000)	6,373.7
Contract Labor Costs including Temporary Help (\$1,000)	2,706.6
Cost of Insurance (\$1,000)	1,222.4
Taxes and License Fees (\$1,000)	611.2
Lease and Rental Payments (\$1,000)	4,365.5

Cost of Services Estimates

The cost of transportation for this market in Romania will be \$0.87 million dollars in 2024 and the cost of printing services for the market will be \$0.61 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.44 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	873.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	436.6
Cost of Purchased Printing Services (\$1,000)	611.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,222.4
Cost of Purchased Legal Services (\$1,000)	698.5
Cost of Purchased Accounting and Auditing Services (\$1,000)	436.6

*2023-2025 Forecasts

Source: Barnes Reports

Russia

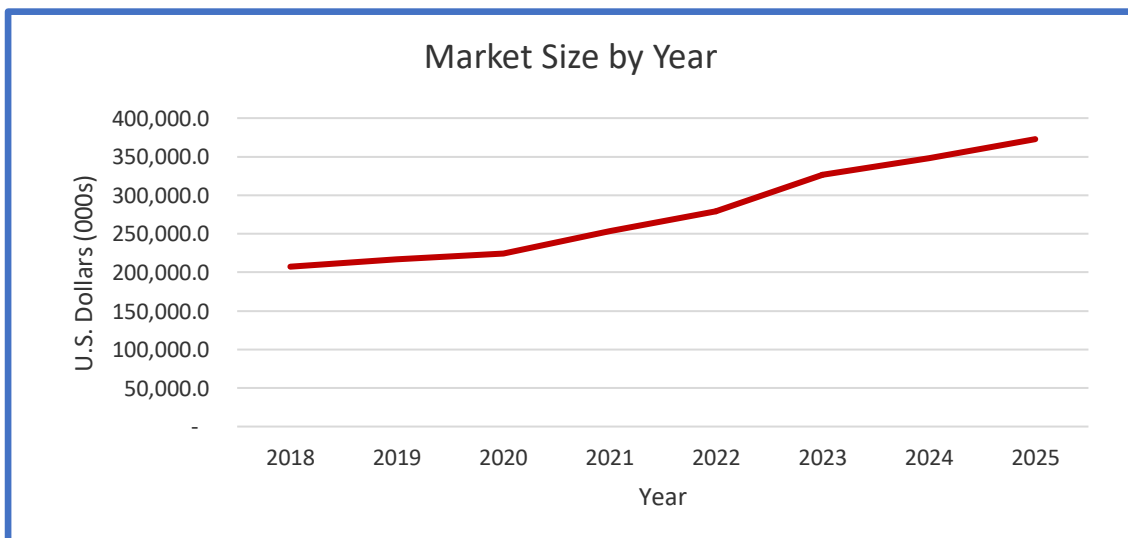
Product/Service Type: 3D Animation Market

The market for this equipment in Russia is estimated to be \$348.1 million dollars in 2024 and is expected to change by 7.1 percent from 2024 to 2025. The market will be 35157.9 million Rubles in 2024 and is forecast to change by 6.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Rubles
2018	207,345.8	12,772,498.3
2019	216,756.6	16,126,690.1
2020	224,709.7	14,350,865.8
2021	253,058.1	25,558,854.8
2022	279,258.6	28,205,102.9
2023	326,407.1	32,967,096.2
2024	348,098.6	35,157,938.3
2025	372,723.8	37,645,078.8
2030	508,272.7	51,335,512.0
Y-to-Y Change	US Dollars	Rubles
2018-2019	4.5%	26.3%
2019-2020	3.7%	-11.0%
2020-2021	12.6%	78.1%
2021-2022	10.4%	10.4%
2022-2023	16.9%	16.9%
2023-2024	6.6%	6.6%
2024-2025	7.1%	7.1%
CAGR 2025-2030	7.3%	36.4%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Russia

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Russia will be \$160.13 million dollars in 2024 and the lease and rental payments for the market will be \$17.40 million dollars. The operating expenses for this market is expected to reach \$261.77 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	160,125.4
Operating Expenses (\$1,000)	261,770.2
Employer Costs for Fringe Benefits (\$1,000)	25,411.2
Contract Labor Costs including Temporary Help (\$1,000)	10,791.1
Cost of Insurance (\$1,000)	4,873.4
Taxes and License Fees (\$1,000)	2,436.7
Lease and Rental Payments (\$1,000)	17,404.9

Cost of Services Estimates

The cost of transportation for this market in Russia will be \$3.48 million dollars in 2024 and the cost of printing services for the market will be \$2.44 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.74 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	3,481.0
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,740.5
Cost of Purchased Printing Services (\$1,000)	2,436.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	4,873.4
Cost of Purchased Legal Services (\$1,000)	2,784.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,740.5

*2023-2025 Forecasts

Source: Barnes Reports

Saudi Arabia

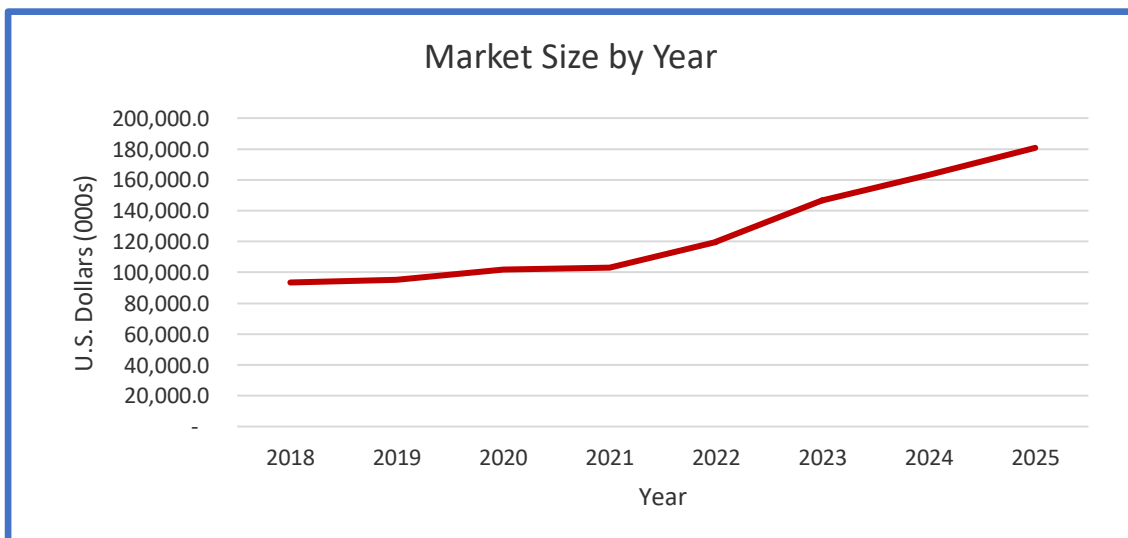
Product/Service Type: 3D Animation Market

The market for this equipment in Saudi Arabia is estimated to be \$163.2 million dollars in 2024 and is expected to change by 10.7 percent from 2024 to 2025. The market will be 612 million Riyals in 2024 and is forecast to change by 11.2 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Riyals
2018	93,428.2	350,355.8
2019	95,206.9	357,026.0
2020	101,977.6	382,415.9
2021	102,886.4	385,823.9
2022	119,845.6	449,421.2
2023	146,726.6	550,224.6
2024	163,209.7	612,036.3
2025	180,721.8	677,706.7
2030	270,753.4	1,015,325.2
Y-to-Y Change	US Dollars	Riyals
2018-2019	1.9%	1.9%
2019-2020	7.1%	7.1%
2020-2021	0.9%	0.9%
2021-2022	16.5%	16.5%
2022-2023	22.4%	22.4%
2023-2024	11.2%	11.2%
2024-2025	10.7%	10.7%
CAGR 2025-2030	10.0%	49.8%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Saudi Arabia

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Saudi Arabia will be \$75.08 million dollars in 2024 and the lease and rental payments for the market will be \$8.16 million dollars. The operating expenses for this market is expected to reach \$122.73 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	75,076.5
Operating Expenses (\$1,000)	122,733.7
Employer Costs for Fringe Benefits (\$1,000)	11,914.3
Contract Labor Costs including Temporary Help (\$1,000)	5,059.5
Cost of Insurance (\$1,000)	2,284.9
Taxes and License Fees (\$1,000)	1,142.5
Lease and Rental Payments (\$1,000)	8,160.5

Cost of Services Estimates

The cost of transportation for this market in Saudi Arabia will be \$1.63 million dollars in 2024 and the cost of printing services for the market will be \$1.14 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.82 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,632.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	816.0
Cost of Purchased Printing Services (\$1,000)	1,142.5
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,284.9
Cost of Purchased Legal Services (\$1,000)	1,305.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	816.0

*2023-2025 Forecasts

Source: Barnes Reports

Singapore

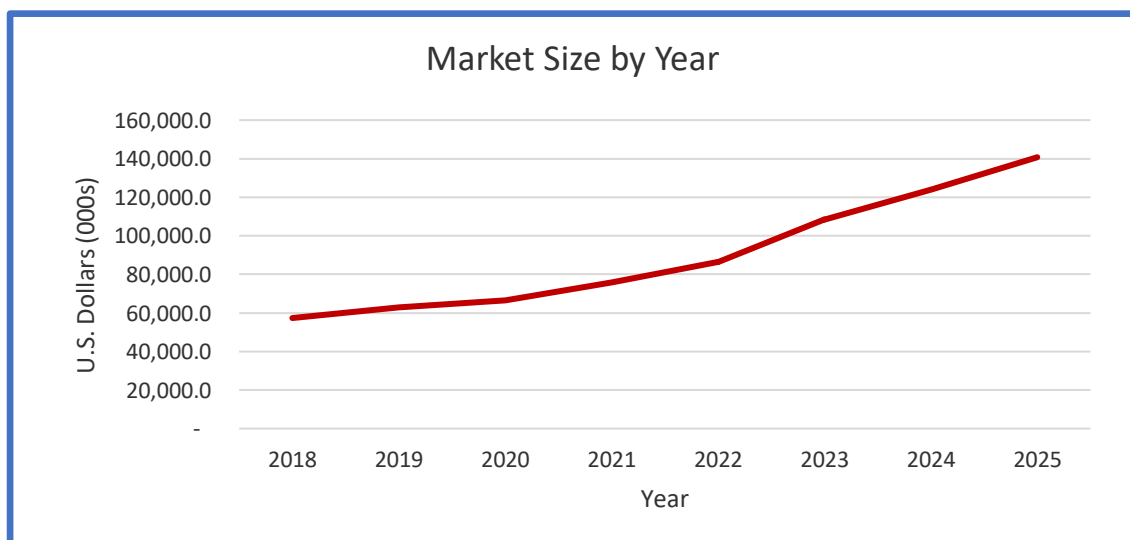
Product/Service Type: 3D Animation Market

The market for this equipment in Singapore is estimated to be \$123.8 million dollars in 2024 and is expected to change by 13.6 percent from 2024 to 2025. The market will be 169.1 million Dollars in 2024 and is forecast to change by 14.1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dollars
2018	57,342.7	76,839.3
2019	62,980.2	83,763.7
2020	66,558.3	95,706.3
2021	75,843.3	103,538.8
2022	86,359.3	117,895.0
2023	108,494.8	148,113.6
2024	123,844.9	169,069.1
2025	140,738.7	192,132.0
2030	243,783.5	332,805.5
Y-to-Y Change	US Dollars	Dollars
2018-2019	9.8%	9.0%
2019-2020	5.7%	14.3%
2020-2021	14.0%	8.2%
2021-2022	13.9%	13.9%
2022-2023	25.6%	25.6%
2023-2024	14.1%	14.1%
2024-2025	13.6%	13.6%
CAGR 2025-2030	14.6%	73.2%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Singapore

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Singapore will be \$56.97 million dollars in 2024 and the lease and rental payments for the market will be \$6.19 million dollars. The operating expenses for this market is expected to reach \$93.13 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	56,968.7
Operating Expenses (\$1,000)	93,131.4
Employer Costs for Fringe Benefits (\$1,000)	9,040.7
Contract Labor Costs including Temporary Help (\$1,000)	3,839.2
Cost of Insurance (\$1,000)	1,733.8
Taxes and License Fees (\$1,000)	866.9
Lease and Rental Payments (\$1,000)	6,192.2

Cost of Services Estimates

The cost of transportation for this market in Singapore will be \$1.24 million dollars in 2024 and the cost of printing services for the market will be \$0.87 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.62 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,238.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	619.2
Cost of Purchased Printing Services (\$1,000)	866.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,733.8
Cost of Purchased Legal Services (\$1,000)	990.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	619.2

*2023-2025 Forecasts

Source: Barnes Reports

South Africa

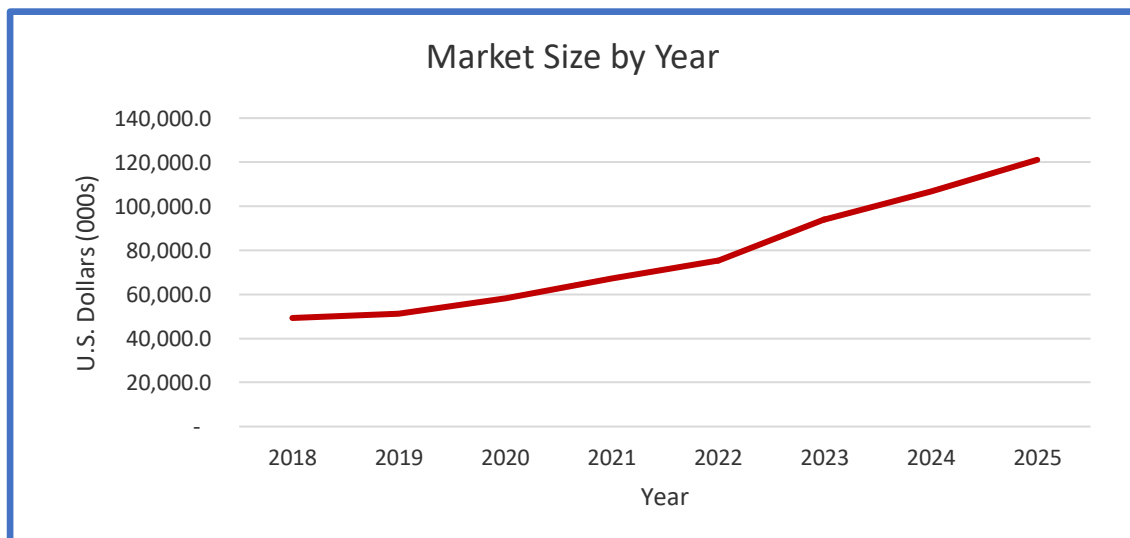
Product/Service Type: 3D Animation Market

The market for this equipment in South Africa is estimated to be \$106.8 million dollars in 2024 and is expected to change by 13.3 percent from 2024 to 2025. The market will be 2066.9 million Rands in 2024 and is forecast to change by 13.6 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Rands
2018	49,292.2	709,808.1
2019	51,198.3	773,093.8
2020	58,261.3	1,056,417.5
2021	67,241.6	1,300,897.0
2022	75,258.1	1,455,987.8
2023	94,028.6	1,819,133.8
2024	106,836.3	2,066,919.4
2025	121,065.3	2,342,202.4
2030	207,348.3	4,011,483.1
Y-to-Y Change	US Dollars	Rands
2018-2019	3.9%	8.9%
2019-2020	13.8%	36.6%
2020-2021	15.4%	23.1%
2021-2022	11.9%	11.9%
2022-2023	24.9%	24.9%
2023-2024	13.6%	13.6%
2024-2025	13.3%	13.3%
CAGR 2025-2030	14.3%	71.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



South Africa

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in South Africa will be \$49.14 million dollars in 2024 and the lease and rental payments for the market will be \$5.34 million dollars. The operating expenses for this market is expected to reach \$80.34 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	49,144.7
Operating Expenses (\$1,000)	80,340.9
Employer Costs for Fringe Benefits (\$1,000)	7,799.1
Contract Labor Costs including Temporary Help (\$1,000)	3,311.9
Cost of Insurance (\$1,000)	1,495.7
Taxes and License Fees (\$1,000)	747.9
Lease and Rental Payments (\$1,000)	5,341.8

Cost of Services Estimates

The cost of transportation for this market in South Africa will be \$1.07 million dollars in 2024 and the cost of printing services for the market will be \$0.75 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.53 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,068.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	534.2
Cost of Purchased Printing Services (\$1,000)	747.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,495.7
Cost of Purchased Legal Services (\$1,000)	854.7
Cost of Purchased Accounting and Auditing Services (\$1,000)	534.2

*2023-2025 Forecasts

Source: Barnes Reports

Spain

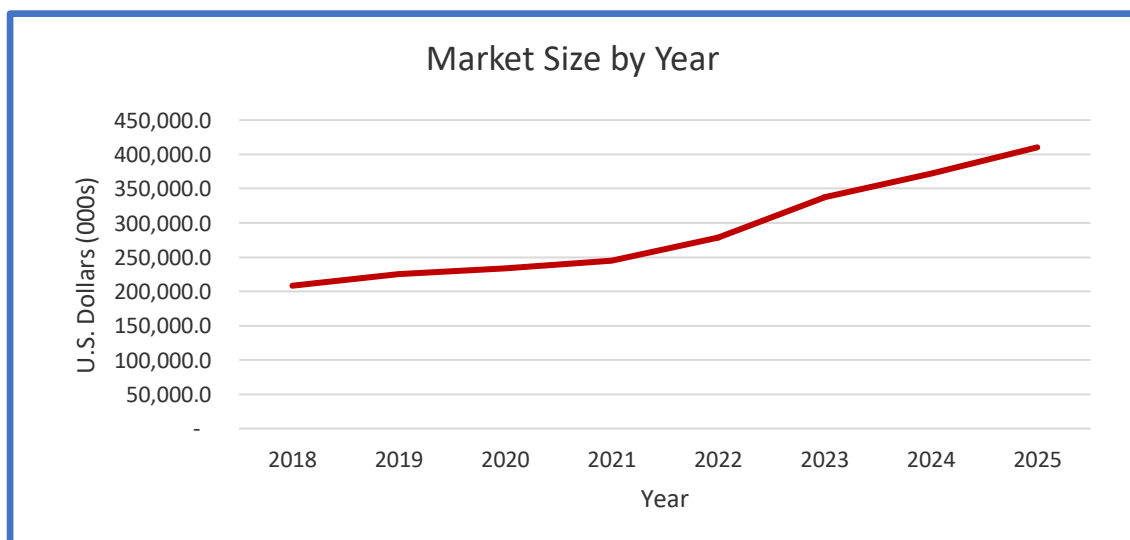
Product/Service Type: 3D Animation Market

The market for this equipment in Spain is estimated to be \$371.8 million dollars in 2024 and is expected to change by 10.3 percent from 2024 to 2025. The market will be 351.8 million Euros in 2024 and is forecast to change by 10.3 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Euros
2018	208,415.3	185,489.6
2019	225,293.4	184,740.6
2020	233,565.2	240,963.4
2021	245,080.8	231,899.6
2022	278,597.1	263,613.3
2023	337,242.9	319,105.0
2024	371,847.9	351,848.8
2025	410,255.1	388,190.3
2030	633,102.2	599,052.0
Y-to-Y Change	US Dollars	Euros
2018-2019	8.1%	-0.4%
2019-2020	3.7%	30.4%
2020-2021	4.9%	-3.8%
2021-2022	13.7%	13.7%
2022-2023	21.1%	21.1%
2023-2024	10.3%	10.3%
2024-2025	10.3%	10.3%
CAGR 2025-2030	10.9%	54.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Spain

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Spain will be \$171.05 million dollars in 2024 and the lease and rental payments for the market will be \$18.59 million dollars. The operating expenses for this market is expected to reach \$279.63 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	171,050.0
Operating Expenses (\$1,000)	279,629.6
Employer Costs for Fringe Benefits (\$1,000)	27,144.9
Contract Labor Costs including Temporary Help (\$1,000)	11,527.3
Cost of Insurance (\$1,000)	5,205.9
Taxes and License Fees (\$1,000)	2,602.9
Lease and Rental Payments (\$1,000)	18,592.4

Cost of Services Estimates

The cost of transportation for this market in Spain will be \$3.72 million dollars in 2024 and the cost of printing services for the market will be \$2.60 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.86 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	3,718.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,859.2
Cost of Purchased Printing Services (\$1,000)	2,602.9
Cost of Purchased Advertising and Promotional Services (\$1,000)	5,205.9
Cost of Purchased Legal Services (\$1,000)	2,974.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,859.2

*2023-2025 Forecasts

Source: Barnes Reports

Sweden

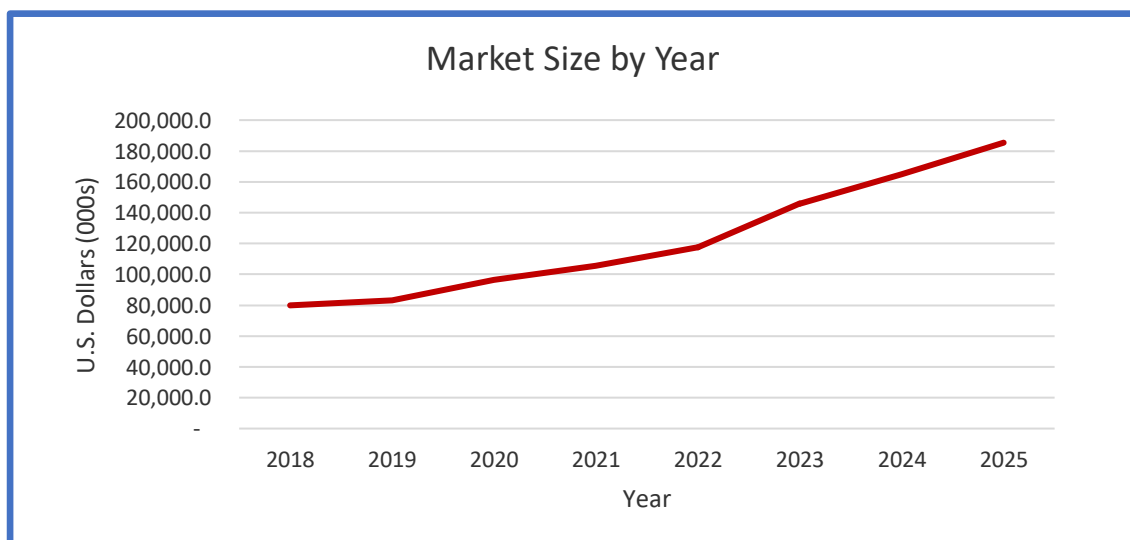
Product/Service Type: 3D Animation Market

The market for this equipment in Sweden is estimated to be \$164.8 million dollars in 2024 and is expected to change by 12.5 percent from 2024 to 2025. The market will be 1805.8 million Kronas in 2024 and is forecast to change by 12.9 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Kronas
2018	79,878.0	758,042.2
2019	83,255.7	702,678.3
2020	96,331.3	1,090,146.3
2021	105,371.1	1,154,827.9
2022	117,518.0	1,287,952.8
2023	145,952.1	1,599,580.1
2024	164,772.8	1,805,848.6
2025	185,367.0	2,031,552.9
2030	306,475.3	3,358,853.9
Y-to-Y Change	US Dollars	Kronas
2018-2019	4.2%	-7.3%
2019-2020	15.7%	55.1%
2020-2021	9.4%	5.9%
2021-2022	11.5%	11.5%
2022-2023	24.2%	24.2%
2023-2024	12.9%	12.9%
2024-2025	12.5%	12.5%
CAGR 2025-2030	13.1%	65.3%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Sweden

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Sweden will be \$75.80 million dollars in 2024 and the lease and rental payments for the market will be \$8.24 million dollars. The operating expenses for this market is expected to reach \$123.91 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	75,795.5
Operating Expenses (\$1,000)	123,909.2
Employer Costs for Fringe Benefits (\$1,000)	12,028.4
Contract Labor Costs including Temporary Help (\$1,000)	5,108.0
Cost of Insurance (\$1,000)	2,306.8
Taxes and License Fees (\$1,000)	1,153.4
Lease and Rental Payments (\$1,000)	8,238.6

Cost of Services Estimates

The cost of transportation for this market in Sweden will be \$1.65 million dollars in 2024 and the cost of printing services for the market will be \$1.15 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.82 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,647.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	823.9
Cost of Purchased Printing Services (\$1,000)	1,153.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,306.8
Cost of Purchased Legal Services (\$1,000)	1,318.2
Cost of Purchased Accounting and Auditing Services (\$1,000)	823.9

*2023-2025 Forecasts

Source: Barnes Reports

Switzerland

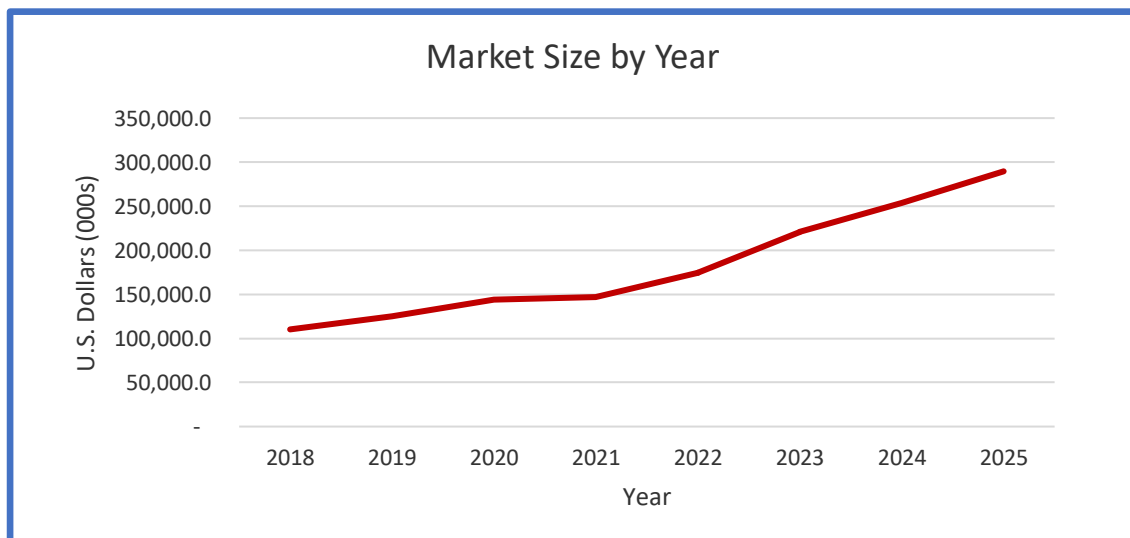
Product/Service Type: 3D Animation Market

The market for this equipment in Switzerland is estimated to be \$253.5 million dollars in 2024 and is expected to change by 14.2 percent from 2024 to 2025. The market will be 230.7 million Francs in 2024 and is forecast to change by 14.8 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Francs
2018	110,280.3	105,869.1
2019	124,863.5	111,128.5
2020	144,306.8	144,290.1
2021	146,639.0	133,425.5
2022	174,567.3	158,837.2
2023	220,764.4	200,871.6
2024	253,541.7	230,695.3
2025	289,599.0	263,503.5
2030	504,976.5	459,473.6
Y-to-Y Change	US Dollars	Francs
2018-2019	13.2%	5.0%
2019-2020	15.6%	29.8%
2020-2021	1.6%	-7.5%
2021-2022	19.0%	19.0%
2022-2023	26.5%	26.5%
2023-2024	14.8%	14.8%
2024-2025	14.2%	14.2%
CAGR 2025-2030	14.9%	74.4%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Switzerland

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Switzerland will be \$116.63 million dollars in 2024 and the lease and rental payments for the market will be \$12.68 million dollars. The operating expenses for this market is expected to reach \$190.66 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	116,629.2
Operating Expenses (\$1,000)	190,663.4
Employer Costs for Fringe Benefits (\$1,000)	18,508.5
Contract Labor Costs including Temporary Help (\$1,000)	7,859.8
Cost of Insurance (\$1,000)	3,549.6
Taxes and License Fees (\$1,000)	1,774.8
Lease and Rental Payments (\$1,000)	12,677.1

Cost of Services Estimates

The cost of transportation for this market in Switzerland will be \$2.54 million dollars in 2024 and the cost of printing services for the market will be \$1.77 million dollars. The cost of repair and maintenance for this market is expected to reach \$1.27 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	2,535.4
Cost of Purchased Repair and Maintenance Services (\$1,000)	1,267.7
Cost of Purchased Printing Services (\$1,000)	1,774.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	3,549.6
Cost of Purchased Legal Services (\$1,000)	2,028.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	1,267.7

*2023-2025 Forecasts

Source: Barnes Reports

Thailand

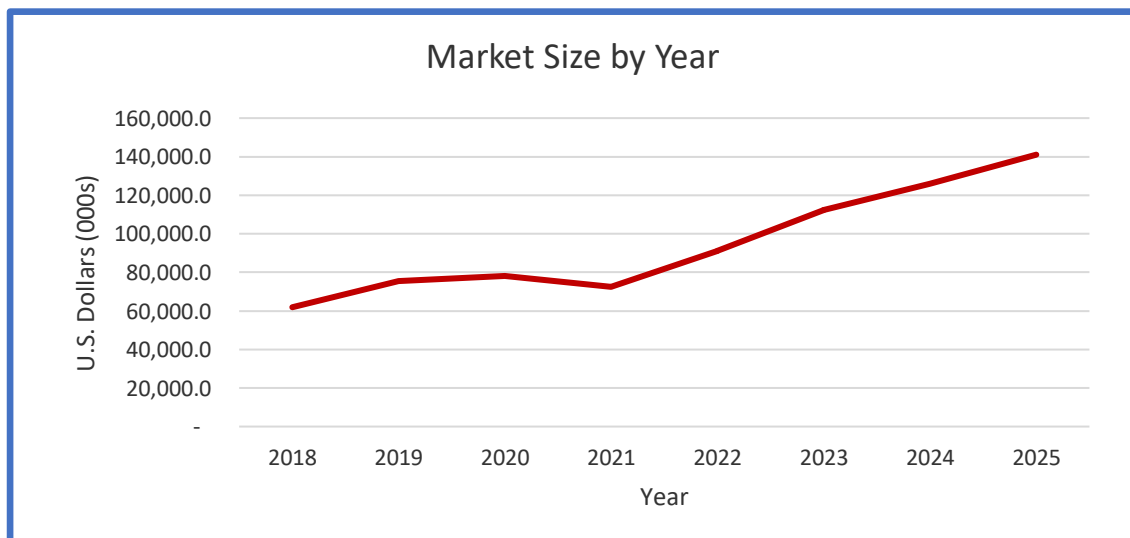
Product/Service Type: 3D Animation Market

The market for this equipment in Thailand is estimated to be \$125.9 million dollars in 2024 and is expected to change by 12 percent from 2024 to 2025. The market will be 4654.3 million Bahts in 2024 and is forecast to change by 12.1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Bahts
2018	61,900.1	1,875,574.1
2019	75,477.8	2,271,883.2
2020	78,032.2	2,482,734.3
2021	72,487.5	2,679,521.3
2022	91,167.6	3,370,036.1
2023	112,302.3	4,151,284.1
2024	125,911.3	4,654,343.3
2025	141,040.5	5,213,600.6
2030	232,501.8	8,594,492.5
Y-to-Y Change	US Dollars	Bahts
2018-2019	21.9%	21.1%
2019-2020	3.4%	9.3%
2020-2021	-7.1%	7.9%
2021-2022	25.8%	25.8%
2022-2023	23.2%	23.2%
2023-2024	12.1%	12.1%
2024-2025	12.0%	12.0%
CAGR 2025-2030	13.0%	64.8%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Thailand

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Thailand will be \$57.92 million dollars in 2024 and the lease and rental payments for the market will be \$6.30 million dollars. The operating expenses for this market is expected to reach \$94.69 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	57,919.2
Operating Expenses (\$1,000)	94,685.3
Employer Costs for Fringe Benefits (\$1,000)	9,191.5
Contract Labor Costs including Temporary Help (\$1,000)	3,903.2
Cost of Insurance (\$1,000)	1,762.8
Taxes and License Fees (\$1,000)	881.4
Lease and Rental Payments (\$1,000)	6,295.6

Cost of Services Estimates

The cost of transportation for this market in Thailand will be \$1.26 million dollars in 2024 and the cost of printing services for the market will be \$0.88 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.63 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,259.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	629.6
Cost of Purchased Printing Services (\$1,000)	881.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,762.8
Cost of Purchased Legal Services (\$1,000)	1,007.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	629.6

*2023-2025 Forecasts

Source: Barnes Reports

Turkey

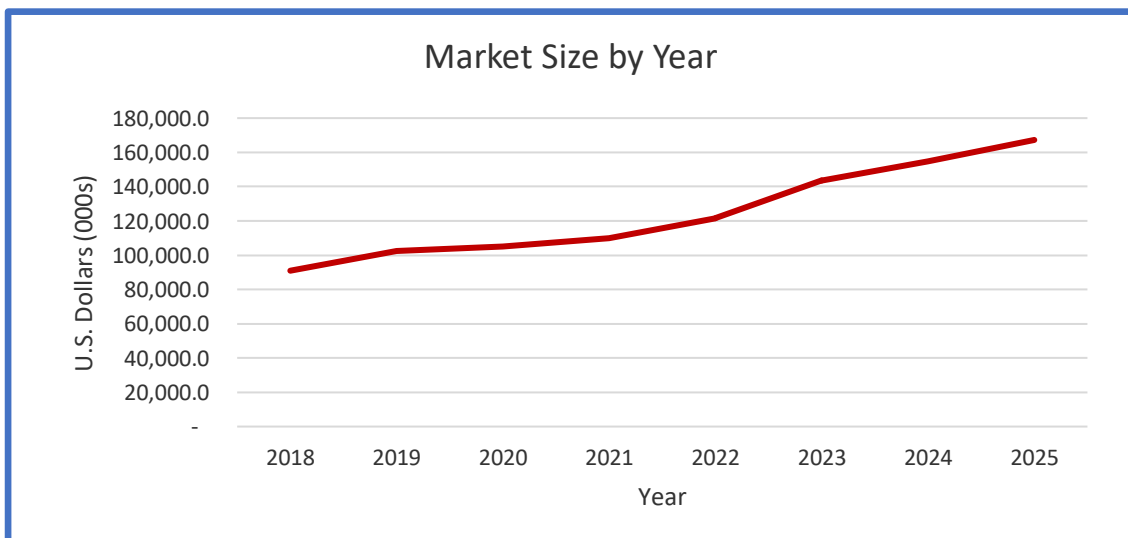
Product/Service Type: 3D Animation Market

The market for this equipment in Turkey is estimated to be \$154.7 million dollars in 2024 and is expected to change by 8.1 percent from 2024 to 2025. The market will be 4272.7 million Liras in 2024 and is forecast to change by 7.7 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Liras
2018	90,959.7	527,566.3
2019	102,350.8	796,289.2
2020	104,957.4	1,950,867.4
2021	110,026.9	3,037,915.0
2022	121,669.0	3,359,360.2
2023	143,671.1	3,966,851.9
2024	154,749.3	4,272,729.7
2025	167,259.2	4,618,134.9
2030	238,521.3	6,585,727.0
Y-to-Y Change	US Dollars	Liras
2018-2019	12.5%	50.9%
2019-2020	2.5%	145.0%
2020-2021	4.8%	55.7%
2021-2022	10.6%	10.6%
2022-2023	18.1%	18.1%
2023-2024	7.7%	7.7%
2024-2025	8.1%	8.1%
CAGR 2025-2030	8.5%	42.6%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Turkey

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Turkey will be \$71.18 million dollars in 2024 and the lease and rental payments for the market will be \$7.74 million dollars. The operating expenses for this market is expected to reach \$116.37 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	71,184.7
Operating Expenses (\$1,000)	116,371.5
Employer Costs for Fringe Benefits (\$1,000)	11,296.7
Contract Labor Costs including Temporary Help (\$1,000)	4,797.2
Cost of Insurance (\$1,000)	2,166.5
Taxes and License Fees (\$1,000)	1,083.2
Lease and Rental Payments (\$1,000)	7,737.5

Cost of Services Estimates

The cost of transportation for this market in Turkey will be \$1.55 million dollars in 2024 and the cost of printing services for the market will be \$1.08 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.77 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	1,547.5
Cost of Purchased Repair and Maintenance Services (\$1,000)	773.7
Cost of Purchased Printing Services (\$1,000)	1,083.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	2,166.5
Cost of Purchased Legal Services (\$1,000)	1,238.0
Cost of Purchased Accounting and Auditing Services (\$1,000)	773.7

*2023-2025 Forecasts

Source: Barnes Reports

United Arab Emirates

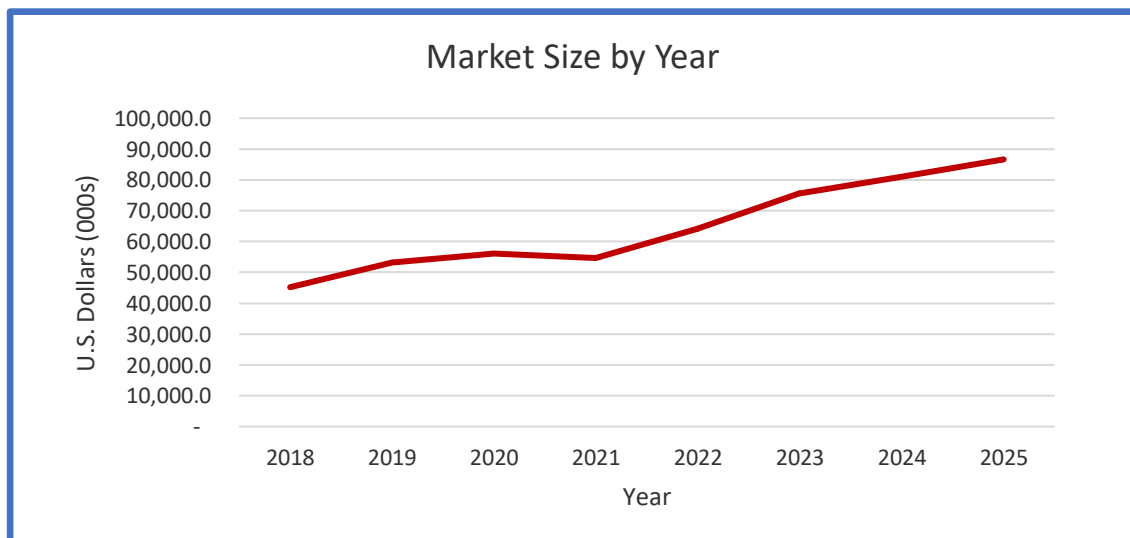
Product/Service Type: 3D Animation Market

The market for this equipment in United Arab Emirates is estimated to be \$81.0 million dollars in 2024 and is expected to change by 6.9 percent from 2024 to 2025. The market will be 297.6 million Dirhams in 2024 and is forecast to change by 7.1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dirhams
2018	45,184.1	165,825.6
2019	53,238.3	195,384.7
2020	56,192.0	206,224.8
2021	54,536.0	200,283.6
2022	64,185.2	235,720.0
2023	75,656.3	277,847.9
2024	81,022.3	297,554.5
2025	86,616.2	318,097.8
2030	146,156.0	536,757.9
Y-to-Y Change	US Dollars	Dirhams
2018-2019	17.8%	17.8%
2019-2020	5.5%	5.5%
2020-2021	-2.9%	-2.9%
2021-2022	17.7%	17.7%
2022-2023	17.9%	17.9%
2023-2024	7.1%	7.1%
2024-2025	6.9%	6.9%
CAGR 2025-2030	13.7%	68.7%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



United Arab Emirates

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in United Arab Emirates will be \$37.27 million dollars in 2024 and the lease and rental payments for the market will be \$4.05 million dollars. The operating expenses for this market is expected to reach \$60.93 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	37,270.3
Operating Expenses (\$1,000)	60,928.8
Employer Costs for Fringe Benefits (\$1,000)	5,914.6
Contract Labor Costs including Temporary Help (\$1,000)	2,511.7
Cost of Insurance (\$1,000)	1,134.3
Taxes and License Fees (\$1,000)	567.2
Lease and Rental Payments (\$1,000)	4,051.1

Cost of Services Estimates

The cost of transportation for this market in United Arab Emirates will be \$0.81 million dollars in 2024 and the cost of printing services for the market will be \$0.57 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.41 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	810.2
Cost of Purchased Repair and Maintenance Services (\$1,000)	405.1
Cost of Purchased Printing Services (\$1,000)	567.2
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,134.3
Cost of Purchased Legal Services (\$1,000)	648.2
Cost of Purchased Accounting and Auditing Services (\$1,000)	405.1

*2023-2025 Forecasts

Source: Barnes Reports

United Kingdom

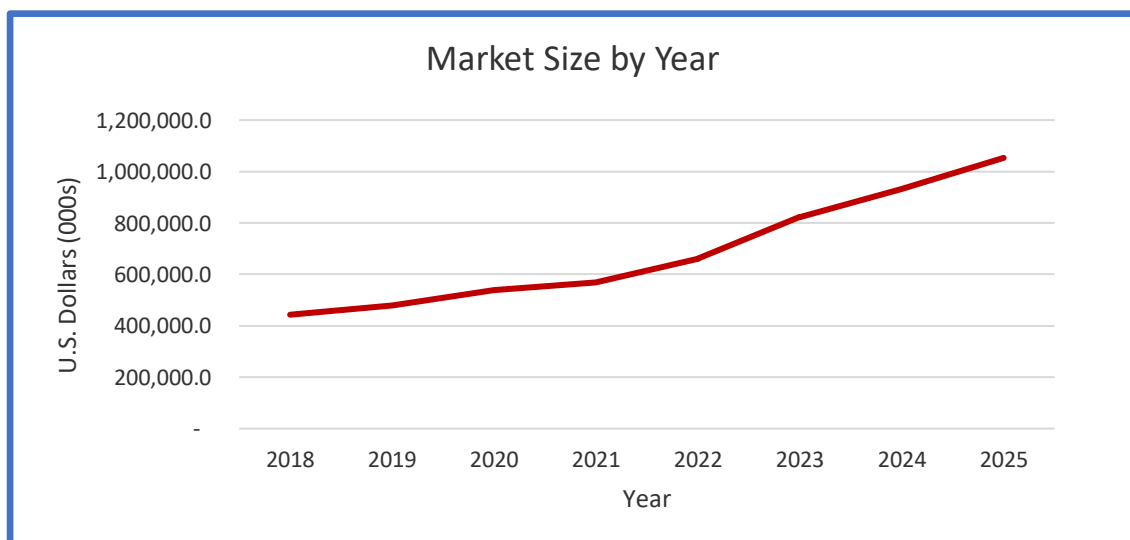
Product/Service Type: 3D Animation Market

The market for this equipment in United Kingdom is estimated to be \$932.8 million dollars in 2024 and is expected to change by 12.9 percent from 2024 to 2025. The market will be 762.1 million Pounds in 2024 and is forecast to change by 13.2 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Pounds
2018	443,006.5	336,684.9
2019	477,743.8	353,530.4
2020	539,255.0	488,206.4
2021	569,341.5	465,148.6
2022	661,292.0	540,271.6
2023	823,651.8	672,918.6
2024	932,764.3	762,062.8
2025	1,053,154.0	860,420.5
2030	1,776,036.5	1,451,011.2
Y-to-Y Change	US Dollars	Pounds
2018-2019	7.8%	5.0%
2019-2020	12.9%	38.1%
2020-2021	5.6%	-4.7%
2021-2022	16.2%	16.2%
2022-2023	24.6%	24.6%
2023-2024	13.2%	13.2%
2024-2025	12.9%	12.9%
CAGR 2025-2030	13.7%	68.6%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



United Kingdom

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in United Kingdom will be \$429.07 million dollars in 2024 and the lease and rental payments for the market will be \$46.64 million dollars. The operating expenses for this market is expected to reach \$701.44 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	429,071.6
Operating Expenses (\$1,000)	701,438.7
Employer Costs for Fringe Benefits (\$1,000)	68,091.8
Contract Labor Costs including Temporary Help (\$1,000)	28,915.7
Cost of Insurance (\$1,000)	13,058.7
Taxes and License Fees (\$1,000)	6,529.4
Lease and Rental Payments (\$1,000)	46,638.2

Cost of Services Estimates

The cost of transportation for this market in United Kingdom will be \$9.33 million dollars in 2024 and the cost of printing services for the market will be \$6.53 million dollars. The cost of repair and maintenance for this market is expected to reach \$4.66 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	9,327.6
Cost of Purchased Repair and Maintenance Services (\$1,000)	4,663.8
Cost of Purchased Printing Services (\$1,000)	6,529.4
Cost of Purchased Advertising and Promotional Services (\$1,000)	13,058.7
Cost of Purchased Legal Services (\$1,000)	7,462.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	4,663.8

*2023-2025 Forecasts

Source: Barnes Reports

United States

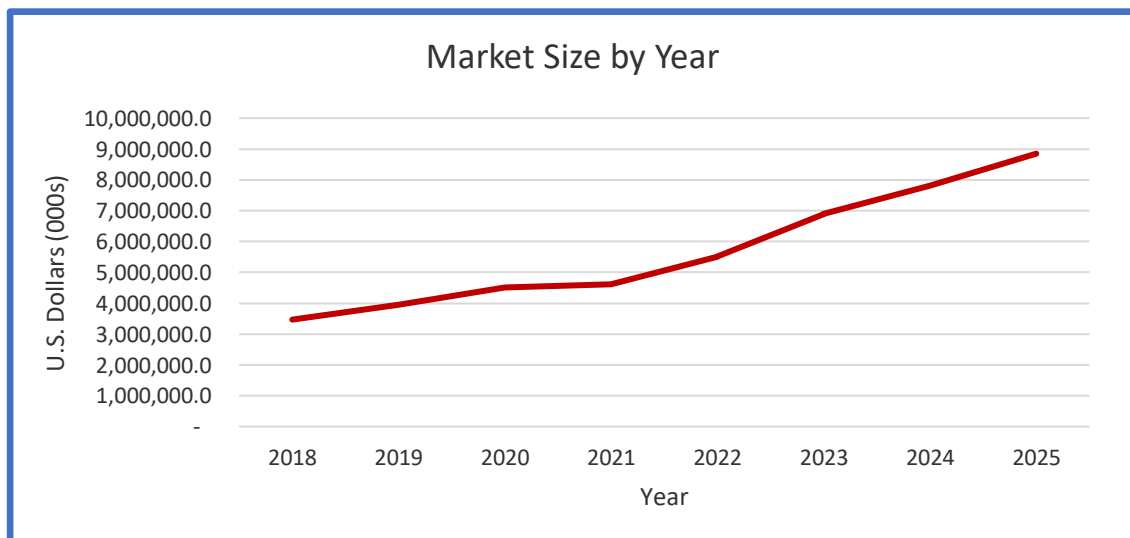
Product/Service Type: 3D Animation Market

The market for this equipment in United States is estimated to be \$7,818.0 million dollars in 2024 and is expected to change by 13.2 percent from 2024 to 2025. The market will be 7818 million Dollars in 2024 and is forecast to change by 13.5 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dollars
2018	3,468,121.7	3,468,121.7
2019	3,944,389.4	3,944,389.4
2020	4,503,531.6	4,503,531.6
2021	4,607,194.0	4,607,194.0
2022	5,515,501.9	5,515,501.9
2023	6,886,657.7	6,886,657.7
2024	7,817,974.7	7,817,974.7
2025	8,847,899.3	8,847,899.3
2030	15,207,298.9	15,207,298.9
Y-to-Y Change	US Dollars	Dollars
2018-2019	13.7%	13.7%
2019-2020	14.2%	14.2%
2020-2021	2.3%	2.3%
2021-2022	19.7%	19.7%
2022-2023	24.9%	24.9%
2023-2024	13.5%	13.5%
2024-2025	13.2%	13.2%
CAGR 2025-2030	14.4%	71.9%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



United States

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in United States will be \$3,596.27 million dollars in 2024 and the lease and rental payments for the market will be \$390.90 million dollars. The operating expenses for this market is expected to reach \$5,879.12 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	3,596,268.4
Operating Expenses (\$1,000)	5,879,117.0
Employer Costs for Fringe Benefits (\$1,000)	570,712.2
Contract Labor Costs including Temporary Help (\$1,000)	242,357.2
Cost of Insurance (\$1,000)	109,451.6
Taxes and License Fees (\$1,000)	54,725.8
Lease and Rental Payments (\$1,000)	390,898.7

Cost of Services Estimates

The cost of transportation for this market in United States will be \$78.18 million dollars in 2024 and the cost of printing services for the market will be \$54.73 million dollars. The cost of repair and maintenance for this market is expected to reach \$39.09 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	78,179.7
Cost of Purchased Repair and Maintenance Services (\$1,000)	39,089.9
Cost of Purchased Printing Services (\$1,000)	54,725.8
Cost of Purchased Advertising and Promotional Services (\$1,000)	109,451.6
Cost of Purchased Legal Services (\$1,000)	62,543.8
Cost of Purchased Accounting and Auditing Services (\$1,000)	39,089.9

*2023-2025 Forecasts

Source: Barnes Reports

Venezuela

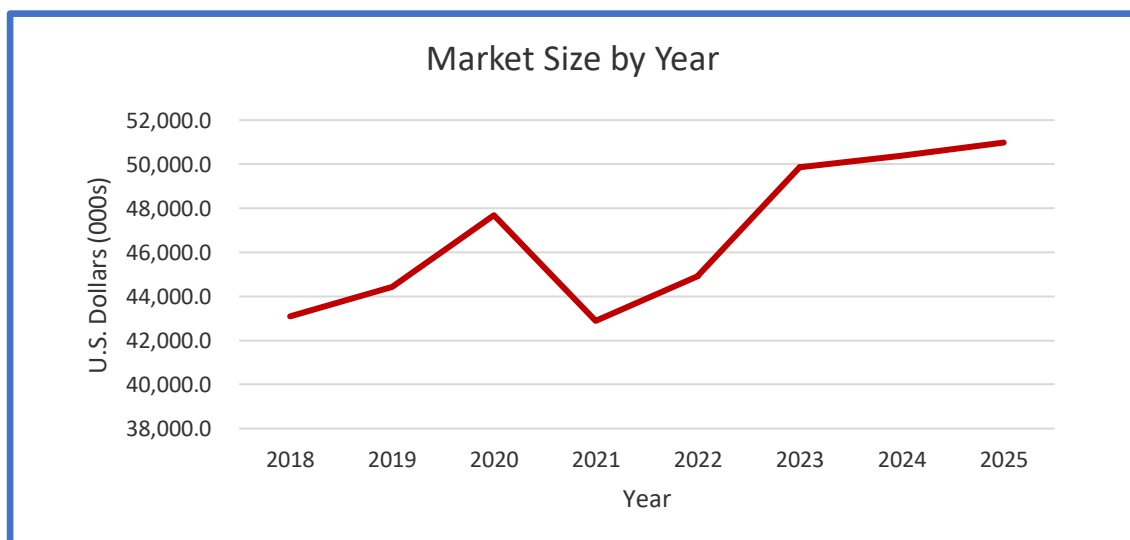
Product/Service Type: 3D Animation Market

The market for this equipment in Venezuela is estimated to be \$50.4 million dollars in 2024 and is expected to change by 1.2 percent from 2024 to 2025. The market will be 174698.1 million Bolivars in 2024 and is forecast to change by 1 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Bolivars
2018	43,087.2	430,010.5
2019	44,421.0	443,321.2
2020	47,685.8	39,197,490.9
2021	42,889.2	148,690,161.0
2022	44,935.3	155,783,668.2
2023	49,868.1	172,884,895.8
2024	50,391.1	174,698,116.7
2025	50,980.9	176,742,703.1
2030	66,794.1	231,564,745.8
Y-to-Y Change	US Dollars	Bolivars
2018-2019	3.1%	3.1%
2019-2020	7.3%	8741.8%
2020-2021	-10.1%	279.3%
2021-2022	4.8%	4.8%
2022-2023	11.0%	11.0%
2023-2024	1.0%	1.0%
2024-2025	1.2%	1.2%
CAGR 2025-2030	6.2%	31.0%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Venezuela

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Venezuela will be \$23.18 million dollars in 2024 and the lease and rental payments for the market will be \$2.52 million dollars. The operating expenses for this market is expected to reach \$37.89 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	23,179.9
Operating Expenses (\$1,000)	37,894.1
Employer Costs for Fringe Benefits (\$1,000)	3,678.6
Contract Labor Costs including Temporary Help (\$1,000)	1,562.1
Cost of Insurance (\$1,000)	705.5
Taxes and License Fees (\$1,000)	352.7
Lease and Rental Payments (\$1,000)	2,519.6

Cost of Services Estimates

The cost of transportation for this market in Venezuela will be \$0.50 million dollars in 2024 and the cost of printing services for the market will be \$0.35 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.25 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	503.9
Cost of Purchased Repair and Maintenance Services (\$1,000)	252.0
Cost of Purchased Printing Services (\$1,000)	352.7
Cost of Purchased Advertising and Promotional Services (\$1,000)	705.5
Cost of Purchased Legal Services (\$1,000)	403.1
Cost of Purchased Accounting and Auditing Services (\$1,000)	252.0

*2023-2025 Forecasts

Source: Barnes Reports

Vietnam

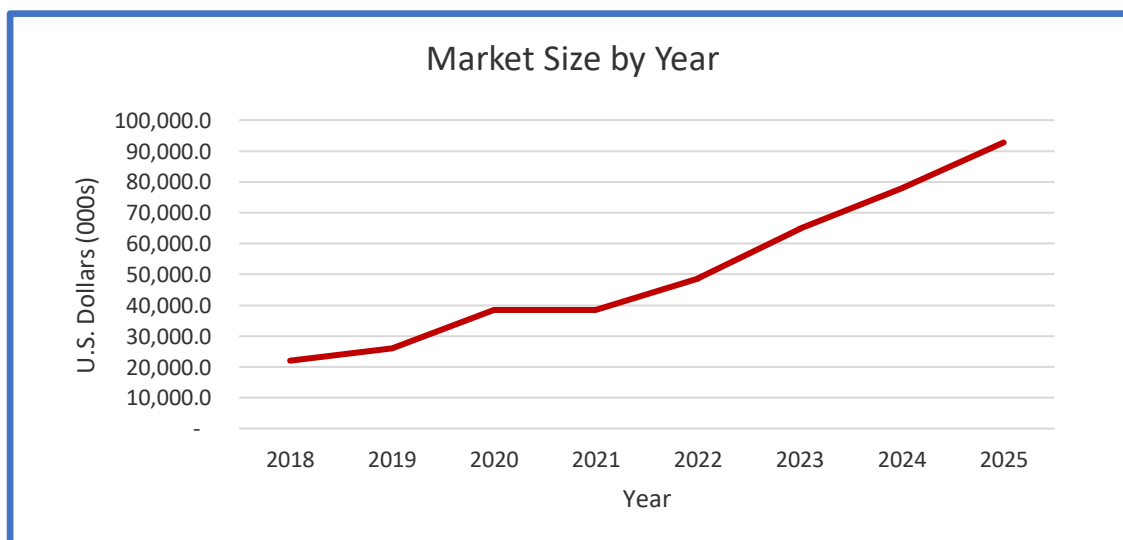
Product/Service Type: 3D Animation Market

The market for this equipment in Vietnam is estimated to be \$77.9 million dollars in 2024 and is expected to change by 19 percent from 2024 to 2025. The market will be 1898202.8 million Dongs in 2024 and is forecast to change by 20.4 percent from 2024 to 2025.

Market Sales (000s)		
Year	US Dollars	Dongs
2018	22,011.2	511,143,657.4
2019	25,959.4	599,947,810.3
2020	38,441.7	917,988,496.9
2021	38,420.8	936,123,519.8
2022	48,684.9	1,186,206,461.0
2023	64,716.5	1,576,817,717.7
2024	77,906.9	1,898,202,783.8
2025	92,743.3	2,259,689,467.3
2030	190,780.1	4,648,358,129.4
Y-to-Y Change	US Dollars	Dongs
2018-2019	17.9%	17.4%
2019-2020	48.1%	53.0%
2020-2021	-0.1%	2.0%
2021-2022	26.7%	26.7%
2022-2023	32.9%	32.9%
2023-2024	20.4%	20.4%
2024-2025	19.0%	19.0%
CAGR 2025-2030	21.1%	105.7%

Source: Barnes Reports

*2023-2024 Forecasts; 2025-2030 Projections



Vietnam

Product/Service Type: 3D Animation Market

Operating Costs Estimates

The annual payroll for this market in Vietnam will be \$35.84 million dollars in 2024 and the lease and rental payments for the market will be \$3.90 million dollars. The operating expenses for this market is expected to reach \$58.59 million dollars in 2024.

2024 Operating Costs	US Dollars (000s)
Annual Payroll (\$1,000)	35,837.2
Operating Expenses (\$1,000)	58,586.0
Employer Costs for Fringe Benefits (\$1,000)	5,687.2
Contract Labor Costs including Temporary Help (\$1,000)	2,415.1
Cost of Insurance (\$1,000)	1,090.7
Taxes and License Fees (\$1,000)	545.3
Lease and Rental Payments (\$1,000)	3,895.3

Cost of Services Estimates

The cost of transportation for this market in Vietnam will be \$0.78 million dollars in 2024 and the cost of printing services for the market will be \$0.55 million dollars. The cost of repair and maintenance for this market is expected to reach \$0.39 million dollars in 2024.

2024 Cost of Services	US Dollars (000s)
Cost of Purchased Transportation and Warehousing (\$1,000)	779.1
Cost of Purchased Repair and Maintenance Services (\$1,000)	389.5
Cost of Purchased Printing Services (\$1,000)	545.3
Cost of Purchased Advertising and Promotional Services (\$1,000)	1,090.7
Cost of Purchased Legal Services (\$1,000)	623.3
Cost of Purchased Accounting and Auditing Services (\$1,000)	389.5

*2023-2025 Forecasts

Source: Barnes Reports

Appendix

Product/Service Type: 3D Animation Market

Number of Establishments

General Definition

An establishment is a single physical location at which business is conducted and/or services are provided. It is not necessarily identical with a company or enterprise, which may consist of one establishment or more. Economic census figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other Federal agencies were used instead of a census report, no information was available on the number of locations operated. Each economic census establishment was tabulated according to the physical location at which the business was conducted.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishment reports for each of the different activities were obtained in the census.

Sector-Specific Information

Construction sector. Establishments are defined as a relatively permanent office or other place of business where the usual business activities related to construction are conducted. Establishments do not represent each project or construction site. Includes all establishments that were in business at any time during the year. It covers all full-year and part-year operations. Construction establishments which were inactive or idle for the entire year were not included. Establishments are based on a survey which included all large employers and a sample of the smaller ones.

Information; Professional, Scientific, and Technical Services; Administrative and Support and Waste Management and Remediation Services; Educational Services; Health Care and Social Assistance; Arts, Entertainment, and Recreation; and Other Services (Except Public Administration) sectors. An establishment is included in the census if it is an employer, the establishment has \$1,000 in payroll, and was in operation at any time during 1997. Leased service departments (separately owned businesses operated as departments or concessions of other service establishments or of retail businesses, such as a separately owned shoeshine parlor in a barber shop, or a beauty shop in a department store) are treated as separate service establishments for census purposes. Leased retail departments located in service establishments (e.g., a gift shop located in a hotel) are considered separate retail establishments.

Manufacturing sector. Includes all manufacturing establishments (plants) with one employee or more and establishments in operation at any time during the year.

Mining sector. Includes all mineral establishments with one employee or more and establishments in operation at any time during the year. Establishments in the crude petroleum and natural gas and support activities for mining represent statewide operations rather than those at a single physical location.

Real Estate and Rental and Leasing sector. Data for individual properties leased or managed by property lessors or property managers are not normally considered separate establishments, but rather the permanent offices from which the properties are leased or managed are considered establishments. Data for separate automotive rental offices or concessions (e.g., airport locations) in the same metropolitan area for which a common fleet of cars is maintained are merged together and not considered as separate establishments.

Retail Trade sector. Leased departments are treated as separate establishments and are classified according to the kind of business they conduct. For example, a leased department selling shoes within a department store would be considered a separate retail establishment under the "shoe stores" classification.

Accommodation and Foodservices sector. Leased departments are treated as separate establishments and are classified according to the kind of business they conduct. For example, a leased department selling gifts/souvenirs within a hotel would be considered a separate retail establishment under the "gift, novelty, and souvenir stores" classification.

Auxiliaries sector. In the Standard Industrial Classification (SIC) system, auxiliary establishments (i.e., those establishments primarily serving other establishments of the same enterprise) were classified in the

Appendix

industry of the establishments served. In the North American Industry Classification System (NAICS), auxiliary establishments are classified according to the services performed rather than the industry served.

Sales, Shipments, Receipts, Revenue, or Business Done

General Definition

Includes the total sales, shipments, receipts, revenue, or business done by establishments within the scope of the economic census. The definition of each of these items is included in the information provided below.

Sector-Specific Information

Construction sector - Includes the value of construction work and other business receipts for work done by establishments during the year. Included is new construction, additions and alterations or reconstruction, and maintenance and repair construction work. Also included is the value of any construction work done by the reporting establishments for themselves.

Speculative builders were instructed to include the value of buildings and other structures built or being built for sale in the current year but not sold. They were to include the costs of such construction plus normal profit. Also included is the cost of construction work done on buildings for rent or lease.

Establishments engaged in the sale and installation of such construction components as plumbing, heating, and central air-conditioning supplies and equipment; lumber and building materials; paint, glass, and wallpaper; electrical and wiring supplies; and elevators or escalators were instructed to include both the value for the installation and the receipts covering the price of the items installed.

Excluded was the cost of industrial and other specialized machinery and equipment, which are not an integral part of a structure.

Finance and Insurance sector - Includes revenue from all business activities whether or not payment was received in the census year, including commissions and fees from all sources, rents, net investment income, interest, dividends, royalties, and net insurance premiums earned. Revenue from leasing property marketed under operating leases is included, as well as interest earned from property marketed in the census year under capital, finance, or full payout leases. Revenue also includes the total value of service contracts and amounts received for work subcontracted to others.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Information sector - Includes receipts from customers or clients for services rendered, from the use of facilities, and from merchandise sold, whether or not payment was received. Receipts include royalties, license fees, and other payments from the marketing of intangible products (e.g., licensing the use of or granting reproduction rights for software, musical compositions, and other intellectual property). Receipts also include the rental and leasing of vehicles, equipment, instruments, tools, etc.; total value of service contracts; market value of compensation received in lieu of cash; amounts received for work subcontracted to others; dues and assessments for members and affiliates; this establishment's share of receipts from departments, concessions, and vending and amusement machines operated by others. Receipts from services provided to foreign customers from U.S. locations, including services performed for foreign parent firms, subsidiaries, and branches are included. For public broadcast stations and libraries, include receipts from contributions, gifts, grants, and income from interest, rental of real estate, and dividends.

Receipts DO NOT include sales and other taxes collected directly from customers or clients and paid directly to a local, state, or Federal tax agency. Also excluded are gross receipts collected on behalf of others; gross receipts or departments or concessions operated by others; sales of used equipment previously rented or leased to customers; proceeds from the sale of real estate (land and buildings), investments, or other assets (except inventory held for resale); contributions, gifts, grants, and income from interest, rental of real estate, and dividends EXCEPT for public broadcast stations and libraries; domestic intracompany transfers; receipts of foreign subsidiaries; and other nonoperating income.

Management of Companies and Enterprises sector- For holding companies, revenue includes revenue of only the holding company establishment, including net investment income, interest, and dividends.

Manufacturing sector - Covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and resold without further processing. Included are all items made by or for the establishments from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiunit companies, the manufacturer was requested to report the value of products

Appendix

transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

Mining sector - Includes the net selling values, f.o.b. mine or plant after discounts and allowances, excluding freight charges and excise taxes. Shipments includes all products physically shipped from the establishment during the year, including material withdrawn from stockpiles and products shipped on consignment, whether or not sold in the current year. Prepared material or concentrates includes preparation from ores mined at the same establishment, purchased, received from other operations of the same company, or received for milling on a custom or toll basis. For products transferred to other establishments of the same company or prepared on a custom basis, companies were requested to report the estimated value, not merely the cost of producing the items. Multiestablishment companies were asked to report value information for each establishment as if it were a separate economic unit. They were instructed to report the value of all products transferred to other plants of the company at their full economic value; to include, in addition to direct cost of production, a reasonable proportion of company overhead and profits. For all establishments classified in an industry, value of shipments and receipts includes (1) the value of all primary products of the industry; (2) the value of secondary products which are primary to other industries; (3) the receipts for contract work done for others, except custom milling; and (4) the value of products purchased and resold without further processing. Receipts for custom milling are not included to avoid duplication with the value of custom milled ores included in an industry's primary and secondary products. Some duplication exists in industry and industry group totals because of the inclusion of materials transferred from one establishment to another for mineral preparation or resale.

Professional, Scientific, and Technical Services; Administrative and Support and Waste Management and Remediation Services; Educational Services; Health Care and Social Assistance; Arts, Entertainment, and Recreation; and Other Services (Except Public Administration) sectors - TAXABLE ESTABLISHMENTS: Includes receipts from customers or clients for services rendered, from the use of facilities, and from merchandise sold whether or not payment was received. For advertising agencies, travel industries, and other service establishments operating on a commission basis, receipts include commissions, fees, and other operating income, NOT gross billings and sales. Excise taxes on gasoline, liquor, tobacco, etc., which are paid by the manufacturer or wholesaler and passed on in the cost of goods purchased by the service establishment are also included. The establishments share of receipts from departments, concessions, and vending and amusement machines operated by others are included as part of receipts. Receipts also include the total value of service contracts, market value of compensation received in lieu of cash, amounts received for work subcontracted to others, and dues and assessments from members and affiliates. Receipts from services provided to foreign customers from U.S. locations, including services preformed for foreign parent firms, subsidiaries, and branches are included.

Receipts are net after deductions for refunds and allowances for merchandise returned by customers. Receipts DO NOT include sales, occupancy, admissions, or other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency, nor do they include income from such sources as contributions, gifts, and grants; dividends, interest, and investments; or sale or rental of real estate. Also excluded are receipts (gross) of departments and concessions which are operated by others; sales of used equipment rented or leased to customers; domestic intracompany transfers; receipts of foreign subsidiaries; and other nonoperating income, such as royalties, franchise fees, etc. Receipts DO NOT include service receipts of manufacturers, wholesalers, retail establishments, or other businesses whose primary activity is other than service. They do, however, include receipts other than from services rendered (e.g., sale of merchandise to individuals or other businesses) by establishments primarily engaged in performing services and classified in the service industries.

TAX EXEMPT ESTABLISHMENTS: Includes revenue from customers or clients for services rendered and merchandise, whether or not payment was received, and gross sales of merchandise, minus returns and allowances. Also included are income from interest, dividends, gross rents (including display space rentals and share of receipts from departments operated by other companies), gross contributions, gifts, grants (whether or not restricted for use in operations), royalties, dues and assessments from members and affiliates, commissions earned from the sale of merchandise owned by others (including commissions from vending machine operators), and gross receipts from fundraising activities. Receipts from taxable business activities of firms exempt from Federal income tax (unrelated business income) are also included in revenue. Revenue DOES NOT include sales, admissions, or other taxes collected by the organization from customers or clients and paid directly to a local, state, or Federal tax agency; income from the sale of real estate, investments, or other assets (except inventory held for resale); gross receipts of departments, concessions, etc., that are operated by others; and amounts transferred to operating funds from capital or reserve funds.

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Real Estate and Rental and Leasing sector - Includes revenue from all business activities whether or not payment was received in the census year, including commissions and fees from all sources, rents, net investment income, interest, dividends, and royalties. Revenue from leasing property marketed under operating leases is included. Revenue also includes the total value of service contracts, amounts received for work subcontracted to others, and rents from real property sublet to others.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Retail Trade sector - Includes merchandise sold for cash or credit at retail and wholesale by establishments primarily engaged in retail trade; amounts received from customers for layaway purchases; receipts from rental of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; the total value of service contracts; and gasoline, liquor, tobacco, and other excise taxes which are paid by the manufacturer or wholesaler and passed on to the retailer.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from sales. Sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; gross sales and receipts of departments or concessions operated by other companies; and commissions or receipts from the sale of government lottery tickets.

Sales do not include retail sales made by manufacturers, wholesalers, service establishments, or other businesses whose primary activity is other than retail trade. They do include receipts other than from the sale of merchandise at retail, e.g., service receipts, sales to industrial users, and sales to other retailers, by establishments primarily engaged in retail trade.

Transportation and Warehousing sector - Includes revenue from all business activities whether or not payment was received in the census year, including commissions and fees for arranging the transportation of freight.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Utilities sector - Includes revenue from all business activities whether or not payment was received in the census year.

Revenue does not include sales and other taxes collected from customers and remitted directly by the firm to a local, state, or Federal tax agency.

Accommodation and Foodservices sector - Includes sales from customers for services rendered, from the use of facilities, and from merchandise sold. Also includes dues and assessments from members and affiliates.

Sales do not include carrying or other credit charges; sales (or other) taxes collected from customers and forwarded to taxing authorities; gross sales and receipts of departments or concessions operated by other companies; and commissions or receipts from the sale of government lottery tickets.

Excludes sales from civic and social organizations, amusement and recreation parks, theaters, and other recreation or entertainment facilities providing food and beverage services.

Number of Employees

General Definition

Paid employees consists of full-time and part-time employees, including salaried officers and executives of corporations. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. The definition of paid employees is the same as that used on IRS Form 941.

Sector-Specific Information

Construction and Manufacturing sectors. Comprises all full-time and part-time employees on the payrolls of establishments who worked or received pay for any part of the pay period including the 12th of March, May, August, and November, divided by 4.

Finance and Insurance sector. Includes all employees who were on the payroll during the pay period including March 12. Excludes independent (nonemployee) agents.

Information; Professional, Scientific, and Technical Services; Administrative and Support and Waste Management and Remediation Services; Educational Services; Health Care and Social Assistance; Arts, Entertainment, and Recreation; and Other Services (Except Public Administration) sectors - Includes all employees who were on the payroll during the pay period including March 12. Includes members of a professional service organization or association which operates under state professional corporation statutes and files a corporate Federal income tax return. Excludes employees of departments or concessions operated by other companies at the establishment.

Management of Companies and Enterprises sector. Includes all employees who were on the payroll during the pay period including March 12.

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Mining sector. Also included are employees working for miners paid on a per ton, car, or yard basis. Excluded are employees at the mine but on the payroll of another employer (such as employees of contractors) and employees at company stores, boardinghouses, bunkhouses, and recreational centers. Also excluded are members of the Armed Forces and pensioners carried on the active rolls but not working during the period. Includes all employees who were on the payroll during the pay period including March 12.

Real Estate and Rental and Leasing sector. Includes all employees who were on the payroll during the pay period including March 12. Excludes independent (nonemployee) agents.

Retail Trade and Accommodation and Foodservices sectors. Includes all employees on the payroll during the pay period including March 12. Excludes employees of departments or concessions operated by other companies at the establishment.

Transportation and Warehousing sector. Includes all employees who were on the payroll during the pay period including March 12.

Utilities sector. Includes all employees who were on the payroll during the pay period including March 12.