



Steel Dynamics (STLD)

Updated July 18th, 2024 by Aristofanis Papadatos

Key Metrics

Current Price:	\$133	5 Year CAGR Estimate:	-4.6%	Market Cap:	\$20.9 B
Fair Value Price:	\$94	5 Year Growth Estimate:	0.0%	Ex-Dividend Date:	9/26/2024 ¹
% Fair Value:	141%	5 Year Valuation Multiple Estimate:	-6.6%	Dividend Payment Date:	10/14/2024
Dividend Yield:	1.4%	5 Year Price Target	\$94	Years Of Dividend Growth:	12
Dividend Risk Score:	C	Retirement Suitability Score:	D	Rating:	Sell

Overview & Current Events

Steel Dynamics is the youngest of America's major steel producers. It was founded in Indiana in 1993 and completed its IPO in 1996. It is one of the largest domestic steel producers, with annual production capacity of approximately 13 million tons and a market capitalization of \$20.9 billion.

The coronavirus crisis severely hurt the demand for steel due to its impact on the automotive industry. Consequently, a great portion of high-cost steel production was idled. However, when the economy reopened, the demand for steel recovered swiftly. Even better for steel producers, thanks to extremely low steel inventory levels, flat rolled steel prices rallied to all-time highs in 2021. Flat rolled steel prices have corrected since then but they are likely to remain above-average in the upcoming quarters, given the sustained demand from automakers and renewable energy projects.

In mid-July, Steel Dynamics reported (7/17/24) financial results for the second quarter of fiscal 2024. Sales dipped -1% and earnings-per-share decreased -26% sequentially, from \$3.67 to \$2.72, as lower steel prices more than offset increased earnings from recycling of metals. Earnings-per-share exceeded the analysts' consensus by \$0.05. Steel Dynamics has exceeded the analysts' estimates in 18 of the last 19 quarters.

Steel prices have corrected sharply lately due to concerns over the economic growth of China but Steel Dynamics expects to keep thriving this year thanks to low customer inventories and sustained demand from automotive, construction and industrial sectors. Given the above-average earnings in the first two quarters and the positive outlook provided by management, we still expect earnings-per-share of \$10.80 this year.

Growth on a Per-Share Basis

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2029
EPS	\$1.35	\$0.74	\$1.92	\$2.65	\$5.40	\$3.04	\$2.84	\$16.09	\$22.68	\$14.64	\$10.80	\$8.50
DPS	\$0.46	\$0.55	\$0.56	\$0.62	\$0.75	\$0.96	\$1.00	\$1.04	\$1.36	\$1.70	\$1.84	\$2.40
Shares²	241.4	243.1	243.8	237.4	225.3	214.5	212.1	198.8	175.9	161.4	150.0	130.0

Commodity producers are usually highly cyclical stocks, as their earnings are very sensitive to the dramatic swings of commodity prices. When prices are high, producers boost their production, which eventually results in an oversupplied market and a plunge in prices. This cyclical behavior is clearly reflected in the above table, which depicts the volatile performance record of Steel Dynamics.

On the bright side, Steel Dynamics has worked to broaden its product portfolio with high-quality steel products and expand its market diversity. As a result, it has consistently achieved a much higher utilization rate (80%-90%) in its steel mills when compared to the industry average (70%-80%). It has also pursued growth via some acquisitions. We view the earnings of 2021-2023 as abnormal and use earnings-per-share of \$8.50 as a base for our calculations of potential future returns. We expect Steel Dynamics to earn approximately \$8.50 per share in 2029 as well. If the demand for steel remains in growth mode for years, Steel Dynamics may exceed our expectations. Nevertheless, we find it prudent to be on the safe side, given the high cyclical nature of this industry.

¹ Estimated date.

² In millions.

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Valuation Analysis

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Now	2029
Avg. P/E	14.6	26.1	13.1	13.6	8.2	10.5	10.2	3.5	3.5	7.4	15.6	11.1
Avg. Yld.	2.3%	2.8%	2.2%	1.7%	1.7%	3.0%	3.5%	1.8%	1.7%	1.6%	1.4%	2.5%

Due to its cyclical nature, Steel Dynamics trades at low price-to-earnings ratios when it enjoys great profits and at high earnings multiples during rough periods. Steel Dynamics has more than doubled since early 2022 and is now trading at 15.6 times its “normal earnings”, which is much higher than the 10-year average of 11.1. Due to the high cyclical nature of the stock, we assume a fair price-to-earnings ratio of 11.1, in line with the 10-year average of the stock. If the stock reaches our fair value estimate, it will incur a -6.6% annualized drag in its returns over the next five years.

Safety, Quality, Competitive Advantage, & Recession Resiliency

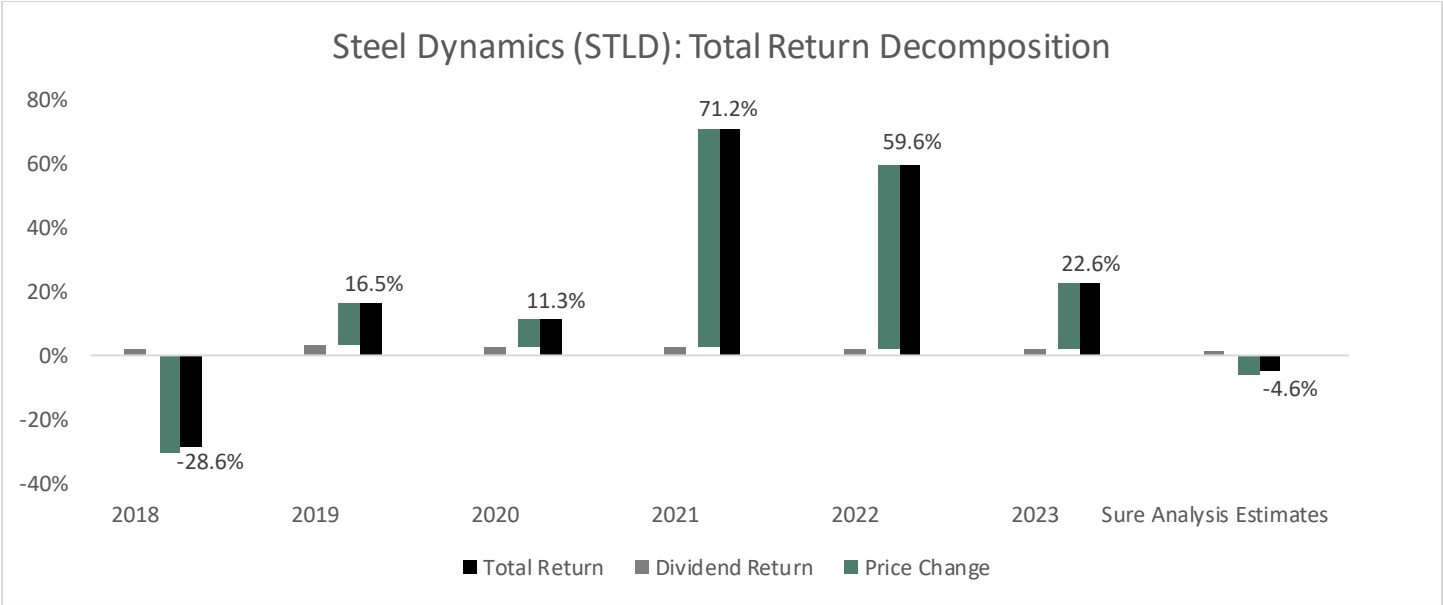
Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2029
Payout	34%	74%	29%	23%	14%	32%	35%	6%	6%	12%	22%	28%

Steel Dynamics has raised its dividend by 8% this year and thus it has raised its dividend for 12 consecutive years, but it is offering a lackluster 1.4% dividend yield. Due to the cyclical nature of its business, it is not suitable for income-oriented investors. Fortunately, the company has a strong balance sheet, which is paramount during downturns, such as the collapse of commodity prices in 2015. Steel Dynamics is also better than its average peer thanks to its high-quality products, which somewhat differentiate the company from its peers. The company has also posted strong free cash flows in every single year in the last decade. Steel Dynamics is one of the highest-quality steel producers, but it is not immune to the cyclical nature of its industry.

Final Thoughts & Recommendation

Steel Dynamics has more than doubled since early 2022 thanks to its impressive business momentum amid strong steel prices but supply is likely to gradually normalize in the upcoming years. As a result, the stock could offer a -4.6% average annual total return over the next five years, as its 1.4% dividend could be offset by a -6.6% annualized valuation drag. No one can predict how long the ongoing boom will last but a downturn is almost inevitable in this highly cyclical industry. The stock is risky from a long-term perspective and thus it maintains its sell rating.

Total Return Breakdown by Year



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Income Statement Metrics

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Revenue	8,756	7,594	7,777	9,539	11,822	10,465	9,601	18,409	22,261	18,795
Gross Profit	966	732	1,335	1,582	2,323	1,531	1,435	5,362	6,118	4,046
Gross Margin	11.0%	9.6%	17.2%	16.6%	19.6%	14.6%	14.9%	29.1%	27.5%	21.5%
SG&A Exp.	359	352	445	486	573	515	539	1,032	998	589
Operating Profit	263	295	296	299	317	321	326	348	5,092	3,423
Op. Margin	580	356	861	1,067	1,722	987	867	4,301	22.9%	18.2%
Net Profit	6.6%	4.7%	11.1%	11.2%	14.6%	9.4%	9.0%	23.4%	3,863	2,451
Net Margin	157	(130)	382	813	1,258	671	551	3,214	17.4%	13.0%
Free Cash Flow	1.8%	-1.7%	4.9%	8.5%	10.6%	6.4%	5.7%	17.5%	3,552	1,862
Income Tax	516	939	655	574	1,176	944	(211)	1,198	1,142	752

Balance Sheet Metrics

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total Assets	7,233	6,202	6,424	6,856	7,704	8,276	9,266	12,531	14,160	14,908
Cash & Equivalents	361	727	841	1,029	828	1,381	1,369	1,244	1,628	1,401
Acc. Receivable	903	614	730	869	1,044	844	972	1,916	2,056	1,608
Inventories	1,618	1,149	1,275	1,519	1,859	1,689	1,844	3,531	3,130	2,895
Goodwill & Int.	1,116	676	677	644	700	781	782	749	770	735
Total Liabilities	4,311	3,531	3,535	3,549	3,816	4,211	4,917	6,211	6,064	6,069
Accounts Payable	511	283	395	489	551	513	769	1,281	1,017	1,088
Long-Term Debt	2,982	2,595	2,357	2,382	2,377	2,734	3,103	3,106	3,071	3,071
Total Equity	2,913	2,680	2,927	3,352	3,935	4,076	4,345	6,305	8,130	8,867
LTD/E Ratio	1.02	0.97	0.81	0.71	0.60	0.67	0.71	0.49	0.38	0.35

Profitability & Per Share Metrics

Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Return on Assets	2.4%	-1.9%	6.1%	12.2%	17.3%	8.4%	6.3%	29.5%	28.9%	16.9%
Return on Equity	5.8%	-4.7%	13.6%	25.9%	34.5%	16.8%	13.1%	60.4%	53.5%	28.8%
ROIC	3.0%	-2.3%	7.3%	14.9%	21.1%	10.3%	7.7%	38.1%	37.5%	21.2%
Shares Out.	241.4	243.1	243.8	237.4	225.3	214.5	212.1	198.8	184.6	167.4
Revenue/Share	36.17	31.38	31.70	39.45	50.26	47.41	45.22	89.10	120.57	112.26
FCF/Share	2.13	3.88	2.67	2.38	5.00	4.28	(0.99)	5.80	19.24	11.12

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

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