
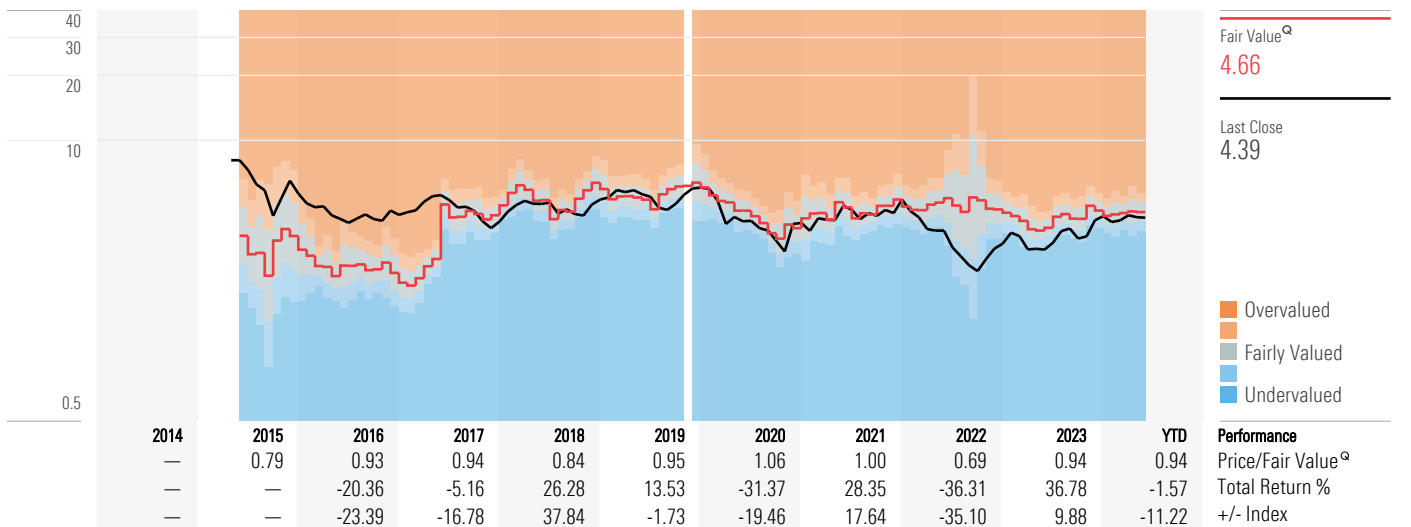


Talgo SA XTG ★★★ Q 7 May 2024, 22:41 UTC

Economic Moat ◊	Uncertainty ◊	Price/Fair Value ◊	ESG Risk Rating Assessment †	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	 1 May 2024 05:00, UTC	2.11	541.3891 Mil	Small Growth	Industrials	Railroads



As of 7 May 2024 | Index: Morningstar Spain GR EUR. Fair Value data as of 7 May 2024, 22:41 UTC.

†The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Lee Davidson, Chief Analytics Officer for Morningstar, Inc, oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr. Davidson is guided by the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit <http://global.morningstar.com/equitydisclosures>.

Key Metrics as of 3 May 2024

Metrics		Percentile in Sector
Earnings Yield (%)	2.5	36.0
Sales Yield (%)	119.5	60.0
Book Value Yield (%)	51.6	46.0
Return on Assets (%)*	1.2	31.0
Revenue(Mil)*	702.0	58.0
Market Value (Mil)	580.3	55.0
Enterprise Value (Mil)	901.0	59.0
EV/MV Ratio	1.6	78.0
Volatility TTM (%)	24.7	38.0
Drawdown TTM (%)	13.6	17.0
Volume (K)	148.2	44.0

*31 Dec 2023

Business Description

Talgo SA is a Spain-based company engaged in the design and manufacture of rolling stock. It operates in three business segments: Rolling stock, which accounts for the majority of revenue; Auxiliary machines & Others; and General. The Rolling stock segment is responsible for train production, as well as for the maintenance of trains that use the company's technology. The Auxiliary Machines & Others segment provides the manufacture and technical service of lathes, as well as the sale of related spare parts. The company's product range comprises high-speed rolling stock, intercity trains, and locomotives, among others. Talgo's geographical segments are Spain, the Rest of Europe, America, the Middle East & North Africa, the Commonwealth of Independent States, and APAC.

The key factor behind these ratings is the company's enterprise value-to-market value ratio of 1.55 which falls above the 79th percentile in the industrials sector. Over the past year, the company's EV-MV ratio has been between 1.30 and 1.59.

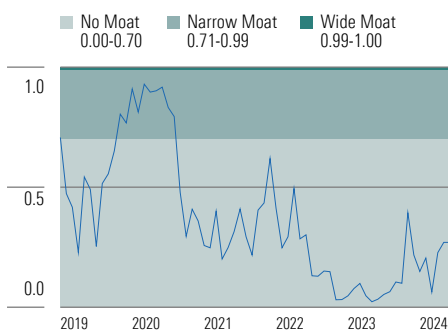
Economic Moat ◊ as of 7 May 2024

With a Morningstar quantitative moat rating of None, the quantitative moat score for Talgo falls at the 29th percentile in the industrials sector and at the 30th in the equity coverage universe. The company has maintained its None quantitative moat rating for the last year.

We also assign a Moderate quantitative financial health rating to Talgo. The company's raw score on this metric, termed Distance to Default, ranks at the 39th percentile overall and 38th in the industrials sector. Furthermore, this financial health rating has stayed Moderate over the last year.

Supporting these ratings are the company's book value yield and annualized trailing 12-month volatility. The book value yield of 51.35%, ranks at the 45th percentile in the covered equity universe and at the 46th percentile among its peers. Meanwhile, its annualized trailing 12-month volatility of 24.62%, falls at the 33rd percentile in the universe and the 38th percentile in the industrials sector.

Economic Moat ◊ History as of 7 May 2024



Valuation ◊ as of 7 May 2024

Morningstar maintains a 3-star quantitative star rating for Talgo, derived from the firm's valuation and uncertainty scores.

The company's shares last closed at 4.42, below our quantitative fair value estimate of 4.75. These shares have traded between a 20.84% and 1.31% discount to their fair value estimate over the past year. In Morningstar's equity coverage universe for this methodology, the company's valuation rating lands at the 81st percentile; in the industrials sector, the firm's score lies at the 71st percentile (meaning the shares are more undervalued than 71% of stocks in the sector).

Furthermore, Talgo maintains a quantitative valuation uncertainty rating of High.

The company has held this star rating since the previous rating of 4, which was last assigned on 12/25/2023. The uncertainty rating for Talgo has remained High since the previous rating of Very High, which was last assigned on 04/01/2024.


Fundamentals as of 7 May 2024

The earnings per share for Talgo is 0.11. The company earns a return on invested capital of 5.97%, falling at the 47th percentile in the industrials sector. The firm maintains a dividend yield of 2.11%. We calculate the above figures over a trailing 12-month period.

Examining valuation further, we find Talgo holds a price-to-earnings ratio of 40.14, a figure greater than 84% of its sector peers.

Talgo SA XTG ★★★

Q 7 May 2024, 22:41 UTC

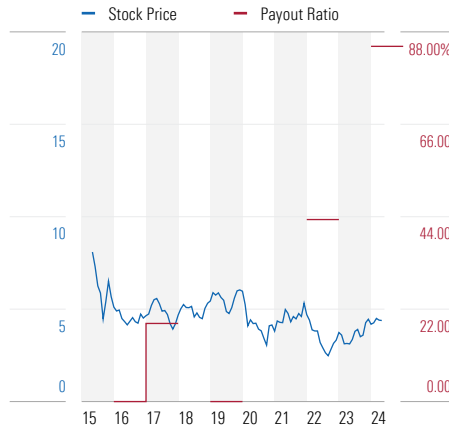
Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	 1 May 2024 05:00, UTC	2.11	541.3891 Mil	Small Growth	Industrials	Railroads

Earnings as of 3 May 2024

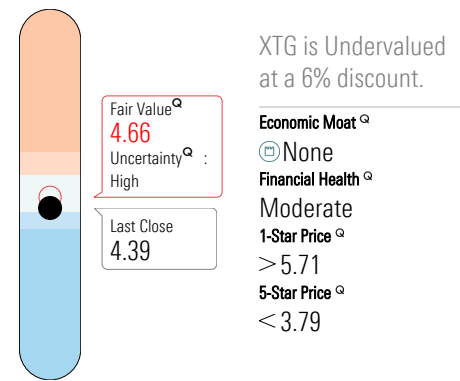
Earnings	%	Percentile in Sector
Dividend Yield*	2.1	44.0
Payout Ratio*	84.6	87.0
Price to Earnings	39.9	81.0
Price to Cash Flow	—	—
ROIC**	6.0	47.0

*30 Apr 2024
**31 Dec 2023

Dividends as of 7 May 2024



Valuation ^Q as of 7 May 2024



Contact

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—
<https://www.talgo.com>

Financials as of 7 May 2024 (Fiscal Year End 31 Dec 2023)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	Fiscal
Revenue (Mil)	384	521	580	384	324	402	487	555	469	652	652	Revenue (Mil)
Operating Income (Mil)	50.71	78.98	89.23	59.72	41.12	46.82	1.19	37.69	25.17	69.72	69.72	Operating Income (Mil)
Operating Margin (%)	13.19	15.17	15.39	15.54	12.67	11.66	0.24	6.79	5.37	10.69	10.69	Operating Margin (%)
Net Income (Mil)	38.48	59.58	61.85	34.30	17.71	38.47	-17.45	27.56	1.44	13.69	13.69	Net Income (Mil)
Diluted Earnings/Share	28.12	0.58	0.45	0.25	0.13	0.30	-0.14	0.22	0.01	0.11	0.11	Diluted Earnings/Share
Operating Cash Flow (Mil)	0.56	-20.41	-57.79	184.87	151.64	46.37	-85.56	29.65	-25.26	-115.76	-115.76	Operating Cash Flow (Mil)
Capital Spending (Mil)	-23.89	-10.27	-9.04	-11.54	-9.57	-18.71	-24.70	-25.15	-22.38	-26.47	-26.47	Capital Spending (Mil)
Free Cash Flow (Mil)	-23.33	-30.68	-66.83	173.32	142.06	27.66	-110.26	4.50	-47.64	-142.22	-142.22	Free Cash Flow (Mil)
Avg Shares Outstand(Mil)	1.37	102.97	136.83	136.70	136.45	129.86	123.57	122.92	122.03	124.44	124.44	Avg Shares Outstand(Mil)

Valuation as of 7 May 2024

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar
Price/Fair Value ^Q	—	0.79	0.93	0.94	0.84	0.95	1.06	1.00	0.69	0.94	0.94	Price/Fair Value ^Q
Price/Sales	—	1.61	1.02	1.32	2.26	2.12	1.09	1.14	0.85	1.01	0.84	Price/Sales
Price/Earnings	—	11.64	8.50	10.88	53.76	27.87	96.32	58.96	18.47	148.50	40.14	Price/Earnings
Price/Cash Flow	—	—	—	—	4.67	4.20	30.60	—	—	38.71	35.67	Price/Cash Flow
Price/Book	—	3.97	2.33	1.96	2.23	2.46	1.87	2.44	1.41	1.91	1.95	Price/Book

Operating Performance as of 7 May 2024 (Fiscal Year End 31 Dec 2023)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Q3	Fiscal (%)
Return on Assets	6.81	9.42	8.62	4.27	2.03	4.3	-1.95	2.85	0.13	1.22	0.66	Return on Assets
Return on Equity	17.5	24.79	23.57	11.3	5.52	12.41	-6.35	10.12	0.51	4.9	2.39	Return on Equity
Rtn on Invested Capital	14.35	17.5	14.25	6.95	3.91	7.61	-1.82	5.75	1.61	5.97	1.56	Rtn on Invested Capital

Dividends as of 7 May 2024

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar (%)
Dividend Per Share	—	—	—	0.07	—	—	—	—	0.08	0.09	0.09	Dividend Per Share
Trailing Dividend Yield	—	—	—	1.71	—	—	—	—	2.35	—	2.11	Trailing Dividend Yield
Buyback Yield	—	—	—	0.0	—	4.97	—	—	1.14	—	1.62	Buyback Yield

Appendix

Economic Moat [®]History as of 7 May 2024 (No Moat: 0.00-0.70, Narrow Moat: 0.70-0.99, Wide Moat: 0.99-1.00)

Year	January	February	March	April	May	June	July	August	September	October	November	December
2024	0.15	0.20	0.06	0.23	0.27	—	—	—	—	—	—	—
2023	0.05	0.08	0.10	0.05	0.02	0.03	0.05	0.06	0.11	0.10	0.39	0.22
2022	0.41	0.25	0.29	0.49	0.28	0.30	0.13	0.13	0.15	0.15	0.03	0.03
2021	0.26	0.25	0.40	0.20	0.25	0.31	0.41	0.29	0.22	0.40	0.43	0.62
2020	0.91	0.81	0.93	0.90	0.90	0.92	0.83	0.79	0.48	0.30	0.41	0.36
2019	0.71	0.47	0.42	0.23	0.54	0.49	0.25	0.52	0.56	0.65	0.80	0.77

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Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

Narrow – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

Wide – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

None – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

★ – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5*Quantitative Uncertainty*

★★ – the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1*Quantitative Uncertainty, -0.5*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-1.5*Quantitative Uncertainty, -0.75*Quantitative Uncertainty)*

★★★ – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5*Quantitative Uncertainty, 0.5*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-0.75*Quantitative Uncertainty, 0.75*Quantitative Uncertainty)*

★★★★ – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5*Quantitative Uncertainty, 1*Quantitative*

Uncertainty)

*Micro-Caps: Log (Quant FVE/Price) between (0.75*Quantitative Uncertainty, 1.5*Quantitative Uncertainty)*

★★★★★ – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5*Quantitative Uncertainty*

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10%

Medium – the interquartile range for possible fair values is less than 15% but greater than 10%

High – the interquartile range for possible fair values is less than 35% but greater than 15%

Very High – the interquartile range for possible fair values is less than 80% but greater than 35%

Extreme – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak – assigned when Quantitative Financial Health < 0.2

Moderate – assigned when Quantitative Financial Health is between 0.2 and 0.7

Strong – assigned when Quantitative Financial Health > 0.7

Other Definitions

i. **Last Close** – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation** – Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

Undervalued – Last Price is below Morningstar's quantitative fair value estimate.

Fairly Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Fairly Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Overvalued – Last Price is above Morningstar's quantitative fair value estimate.

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Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score. Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

Based on their quantitative scores, companies are grouped into one of five Risk Categories (negligible, low, medium, high, severe). These risk categories are absolute, meaning that a 'high risk' assessment reflects a comparable degree

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The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit sustainalytics.com/esg-ratings/

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