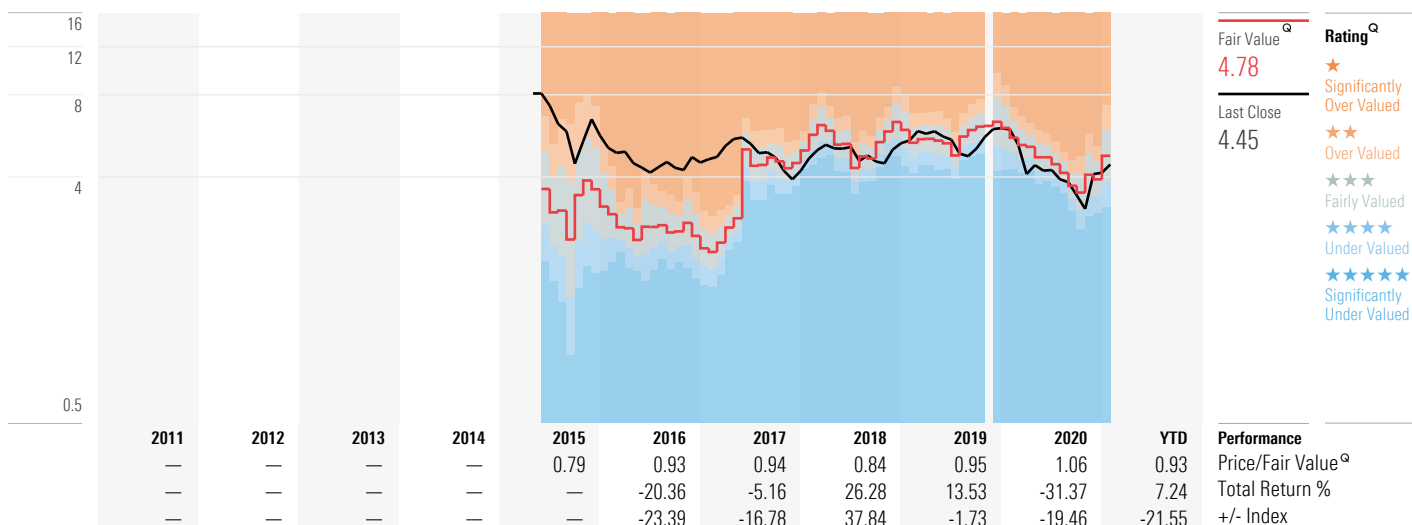


Talgo SA XTG ★★★

19 Jan 2021, 23:45 UTC

Economic Moat ☐	Uncertainty ☐	Price/Fair Value ☐	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	Very High	0.9	1.51	546.3794 Mil	Small Core	Industrials	Railroads



Total Return % as of 19 Jan 2021. Last Close as of 19 Jan 2021. Fair Value as of 19 Jan 2021, 23:45 UTC. Index: Morningstar Spain GR EUR.

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Valuation

as of 19 Jan 2021



Fair Value^Q
4.78
Uncertainty^Q
Very High
Last Close
4.45

XTG is Under Valued at a 7% discount.

Economic Moat ☐
None
Financial Health ☐
Moderate
1-Star Price ☐
> 7.35
5-Star Price ☐
< 3.11

Financials

as of 19 Jan 2021 (Fiscal Year End 31 Dec 2020)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Fiscal
Revenue (Mil)	—	—	327	384	521	580	384	324	402	—	339	
Operating Income (Mil)	—	—	56	50	78	89	59	41	46	—	-5	
Operating Margin (%)	—	—	17.26	13.06	15.08	15.32	15.46	12.55	11.55	—	-1.38	
Net Income (Mil)	—	—	31	38	60	62	34	18	38	—	-8	
Diluted Earnings/Share	—	—	22.64	28.12	0.58	0.45	0.25	0.13	0.30	—	-0.06	
Operating Cash Flow (K)	—	—	154,826	555	-20,411	-57,794	184,867	151,635	46,372	—	-31,528	
Capital Spending (Mil)	—	—	-36	-24	-10	-9	-12	-10	-19	—	-7	
Free Cash Flow (Mil)	—	—	119	-23	-31	-67	173	142	28	—	-39	
Avg Shares Outstand(Mil)	—	—	1	1	103	137	137	136	130	—	123	
Dividend Per Share	—	—	—	—	—	—	0.07	—	—	—	—	

Valuation

as of 19 Jan 2021

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Current	Calendar
Price/Fair Value ^Q	—	—	—	—	0.79	0.93	0.94	0.84	0.95	1.06	0.93	
Price/Sales	—	—	—	—	1.61	1.02	1.32	2.26	2.12	1.09	1.17	
Price/Earnings	—	—	—	—	11.64	8.50	10.88	53.76	27.87	96.32	103.30	
Price/Cash Flow	—	—	—	—	—	—	—	4.67	4.20	30.60	32.82	
Price/Book	—	—	—	—	3.97	2.33	1.96	2.23	2.46	1.87	2.01	

Operating Performance

as of — (Fiscal Year End 31 Dec 2020)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Q3	Fiscal (%)
Return on Assets	—	—	5.77	6.81	9.42	8.62	4.27	2.03	4.3	—	1.54	
Return on Equity	—	—	16.28	17.5	24.79	23.57	11.3	5.52	12.41	—	4.65	
Rtn on Invested Capital	—	—	13.77	14.35	17.5	14.25	6.95	3.91	7.61	—	2.8	

Business Description

Talgo SA is a Spain-based company engaged in the design and manufacture of rolling stock. Its activities are divided into three business segments: Rolling stock, Auxiliary machines and Others, as well as General. The Rolling stock division is responsible for train production, as well as for the

maintenance of trains that use the company's technology. The Auxiliary machines and Others segment provides manufacture and technical service of lathes, as well as the sale of related spare parts. The General area includes corporate operations. The company's product range comprises high speed rolling stock, intercity trains and locomotives, among others. It generates maximum revenue from the Rolling stock segment.

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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.

One-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*

Two-Star - 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)*

Three-Star – 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)*

Four-Star – 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)*

Five-Star – 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

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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.

This Report **has not been made available** to the issuer of the security prior to publication.

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