# Titan International Inc.

**TWI**

NYSE; manufacturing; SIC 3312, Steel Works, Blast Furnaces & Rolling Mills (Coke Ovens); CIK 0000899751

**D**

**fourth fifth of 244 graded peers in manufacturing**

rank 173 of 244; percentile 70.8; sampling error 3.0 points; lower is stronger

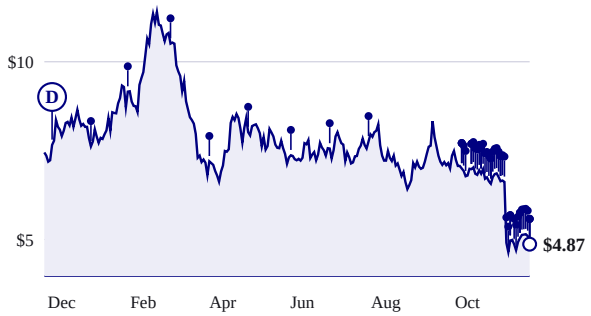
A B C D E

**D, the sloth**



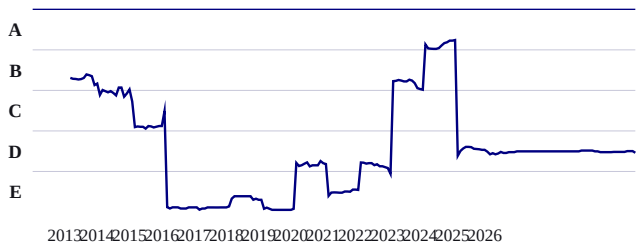
| Scoreboard | |
|---|---|
| **Profitability** | C<br>percentile 43.5 |
| **Solvency** | C/D<br>percentile 61.5 |
| **Growth and financing** | D<br>percentile 64.2 |
| **Reliability** | 0.91 AUC<br>filers with $591M to $2.67B assets; 95% interval 0.88 to 0.94; 160 events, 2020 to 2025 |
| **Peer failure rate** | 1.01% a year<br>Item 1.03 bankruptcies, same asset band, 2012 to 2025 |
| **Size band** | $591M to $2.67B assets<br>total assets $1.7B |
| **Standard universe** | inside<br>revenue above $1M and assets above $10M |
| **Warnings** | none triggered<br>not computable: distress |
| **Inputs computable** | 9 of 13 |
| **Graded from** | filings received through Feb 26, 2026<br>264 days before the rescan; latest periodic filing 10-Q received Oct 29, 2026 |
| **Last close** | $4.87<br>2026-11-16; market equity $314.6M; no price enters the letter |

**Share price, twelve months to the rescan**




*Split-adjusted close. Each lollipop is a rescan and carries the letter held then.*

**Letter at every rescan, 2012 to 2026**




*Sector percentile at each rescan, stronger toward the top; facts filed by each date only.*

## Business, in the company's words

*opening of Item 1 of the 10-K received Feb 26, 2026*

Titan, is a global wheel, tire, and undercarriage industrial manufacturer and supplier that services customers across the globe. Titan traces its roots to the Electric Wheel Company in Quincy, Illinois, which was founded in 1890.

## The thirteen inputs

*lower percentile is stronger; sleeves and inputs within a sleeve carry equal weight*

| Input | Value | Peer median | Percentile, 0 to 100 | Pct | Peers | Period end |
|---|---|---|---|---|---|---|
| **Profitability, sleeve percentile 43.5** | | | | | | |
| Gross profitability | 15.2% | 22.2% | | 71.6 | 265 | 2025-12-31 |
| Return on invested capital | not computable | 9.8% | | | | |
| *pretax income must exceed the validity floor and imply a 0%-100% tax rate* | | | | | | |
| Accruals ratio | (5.7%) | (3.7%) | | 33.5 | 285 | 2025-12-31 |
| Gross margin stability, five years | 1.5 pts | 2.1 pts | | 25.5 | 221 | 2025-12-31 |
| **Solvency, sleeve percentile 61.5** | | | | | | |

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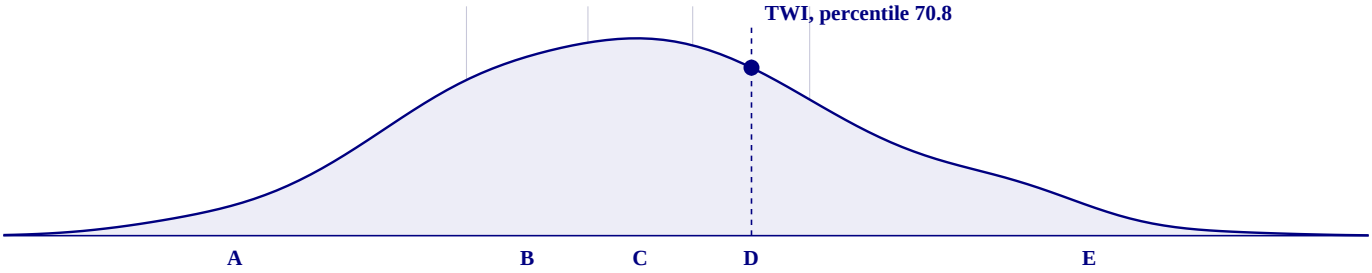
| | | | | | |
|---|---|---|---|---|---|
| Altman Z double-prime | 2.94 | 3.60 | 52.3 | 221 | 2025-12-31 |
| Net debt to EBITDA | 4.12x | 1.76x | 84.5 | 117 | 2025-12-31 |
| Interest coverage | not computable | 5.13x | | | |
| *latest aligned inputs end 2023-12-31; latest annual assets end 2025-12-31* | | | | | |
| Current ratio | 2.30x | 2.27x | 47.8 | 300 | 2025-12-31 |
| **Growth and financing, sleeve percentile 64.2** | | | | | |
| Revenue growth, three-year compound | (5.5%) | 2.2% | 84.6 | 260 | 2025-12-31 |
| Free cash flow growth, three-year compound | not computable | 13.5% | | | |
| *current FCF must be positive and base FCF must exceed $100,000* | | | | | |
| Reinvestment rate | not computable | 25.7% | | | |
| *pretax income must exceed the validity floor and imply a 0%-100% tax rate* | | | | | |
| Asset growth, three years | 9.2% | 4.1% | 29.7 | 264 | 2025-12-31 |
| Net share issuance, one year | 1.3% | 0.0% | 78.2 | 240 | 2026-02-18 |

## Among 244 peers

*manufacturing; letters are fifths of this list*




*Composite score of every graded peer, smoothed; vertical rules are the letter band edges; stronger to the left.*

| Rank | Company | Percentile | Letter | Warnings |
|---|---|---|---|---|
| 168 | Hyster-Yale, Inc. (HY) | 68.7 | D | |
| 169 | Axon Enterprise, Inc. (AXON) | 69.1 | D | |
| 170 | Nucor Corp. (NUE) | 69.5 | D | |
| 171 | Quad/Graphics, Inc. (QUAD) | 70.0 | D | |
| 172 | Kimberly Clark Corp. (KMB) | 70.4 | D | |
| 173 | Titan International Inc. (TWI) | 70.8 | D | |
| 174 | Eaton Corp. plc (ETN) | 71.2 | D | |
| 175 | Westinghouse AIR Brake Technologies Corp. (WAB) | 71.6 | D | |
| 176 | JBT Marel Corp. (JBTM) | 72.0 | D | |
| 177 | Nike, Inc. (NKE) | 72.4 | D | |
| 178 | Trimas Corp. (TRS) | 72.8 | D | late filer |

## What the price implies

*at the 2026-11-16 close; none of these enters the grade*

| Measure | Value | Peer median | Percentile |
|---|---|---|---|
| Twelve-month price change, skipping the latest month | (10.2%) | 9.9% | 29 |
| Distance from 52-week high | (57.3%) | (27.1%) | 15 |
| EBIT to enterprise value | 3.1% | 4.2% | 37 |
| Free cash flow yield | (7.8%) | 3.6% | 12 |
| Book value to price | 1.45 | 0.37 | 94 |
| Sales to price | 5.81 | 0.56 | 96 |
| Composite equity issuance, five years | 5.0% | (9.7%) | 73 |
| Relative strength against the sector, log excess return | (0.19) | 0.01 | 29 |
| Twelve-month failure probability, CHS model | not computable | 0.04% | |

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## Diagnostics

*shown on every report; none enters the grade*

| Measure | Value |
|---|---|
| **Piotroski F-score 3 of 9, period end 2025-12-31** | |
| Return on assets above zero | fail |
| Operating cash flow above zero | pass |
| Return on assets improved | fail |
| Operating cash flow exceeds net income | pass |
| Long-term leverage fell | pass |
| Current ratio improved | fail |
| No new shares issued | fail |
| Gross margin improved | fail |
| Asset turnover improved | fail |
| **Cash, filings, liquidity** | |
| Cash and equivalents | $172.8M |
| Operating cash flow, four quarters | $22.5M |
| Months of runway | not finite |
| Days since last periodic filing | 19 (10-Q received Oct 29, 2026) |
| Median daily dollar volume, 63 sessions | $3.9M |

## Sources

*every fact behind the inputs; each row links to its filing index on sec.gov*

| # | Concept | XBRL tag | Value | Period end | Received | Form | Accession |
|---|---|---|---|---|---|---|---|
| 1 | gross profit | us-gaap:GrossProfit | $253.5M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 2 | assets | us-gaap:Assets | $1.7B | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 3 | operating income | us-gaap:OperatingIncomeLoss | $20.8M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 4 | pretax income | us-gaap:IncomeLossFromContinuingOperationsBeforeInc... | -$11.3M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 5 | income tax | us-gaap:IncomeTaxExpenseBenefit | $49.9M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 6 | total debt | us-gaap:LongTermDebtAndCapitalLeaseObligations | $564.7M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 7 | book equity | us-gaap:StockholdersEquity | $514.4M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 8 | cash | us-gaap:CashAndCashEquivalentsAtCarryingValue | $202.9M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 9 | total debt | us-gaap:LongTermDebtAndCapitalLeaseObligations | $553.0M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 10 | book equity | us-gaap:StockholdersEquity | $496.1M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 11 | cash | us-gaap:CashAndCashEquivalentsAtCarryingValue | $196.0M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 12 | net income | us-gaap:NetIncomeLoss | -$63.5M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 13 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | $30.0M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 14 | assets | us-gaap:Assets | $1.6B | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 15 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $1.8B | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 16 | gross profit | us-gaap:GrossProfit | $257.8M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 17 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $1.8B | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 18 | gross profit | us-gaap:GrossProfit | $305.8M | 2023-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 19 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $1.8B | 2023-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 20 | gross profit | us-gaap:GrossProfit | $360.7M | 2022-12-31 | 2025-02-27 | 10-K | 25-000009 |
| 21 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $2.2B | 2022-12-31 | 2025-02-27 | 10-K | 25-000009 |
| 22 | gross profit | us-gaap:GrossProfit | $237.5M | 2021-12-31 | 2024-02-29 | 10-K | 24-000018 |
| 23 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $1.8B | 2021-12-31 | 2024-02-29 | 10-K | 24-000018 |
| 24 | current assets | us-gaap:AssetsCurrent | $986.0M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 25 | current liabilities | us-gaap:LiabilitiesCurrent | $428.2M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 26 | retained earnings | us-gaap:RetainedEarningsAccumulatedDeficit | $100.6M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 27 | liabilities | us-gaap:Liabilities | $1.2B | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 28 | depreciation amortization | us-gaap:DepreciationDepletionAndAmortization | $67.1M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 29 | operating income | us-gaap:OperatingIncomeLoss | $148.7M | 2023-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 30 | interest expense | us-gaap:InterestExpense | $18.8M | 2023-12-31 | 2024-02-29 | 10-K | 24-000018 |
| 31 | capital expenditure | us-gaap:PaymentsToAcquirePropertyPlantAndEquipment | $54.6M | 2025-12-31 | 2026-02-26 | 10-K | 26-000007 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 32 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | $141.5M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 33 | capital expenditure | us-gaap:PaymentsToAcquirePropertyPlantAndEquipment | $65.6M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 34 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | $179.3M | 2023-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 35 | capital expenditure | us-gaap:PaymentsToAcquirePropertyPlantAndEquipment | $60.8M | 2023-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 36 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | $160.7M | 2022-12-31 | 2025-02-27 | 10-K | 25-000009 |
| 37 | capital expenditure | us-gaap:PaymentsToAcquirePropertyPlantAndEquipment | $47.0M | 2022-12-31 | 2025-02-27 | 10-K | 25-000009 |
| 38 | current assets | us-gaap:AssetsCurrent | $912.0M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 39 | current liabilities | us-gaap:LiabilitiesCurrent | $387.4M | 2024-12-31 | 2026-02-26 | 10-K | 26-000007 |
| 40 | assets | us-gaap:Assets | $1.3B | 2023-12-31 | 2025-02-27 | 10-K | 25-000009 |
| 41 | assets | us-gaap:Assets | $1.3B | 2022-12-31 | 2024-02-29 | 10-K | 24-000018 |
| 42 | shares outstanding | dei:EntityCommonStockSharesOutstanding | 64,024,055 | 2026-02-18 | 2026-02-26 | 10-K | 26-000007 |
| 43 | shares outstanding | dei:EntityCommonStockSharesOutstanding | 63,197,710 | 2025-02-18 | 2025-02-27 | 10-K | 25-000009 |

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