Titan Machinery Inc.

TITN

Nasdaq; shops; SIC 5990, Retail-Retail Stores, NEC; CIK 0001409171

C

middle fifth of 239 graded peers in shops

rank 115 of 239; percentile 47.9; sampling error 3.0 points; lower is stronger

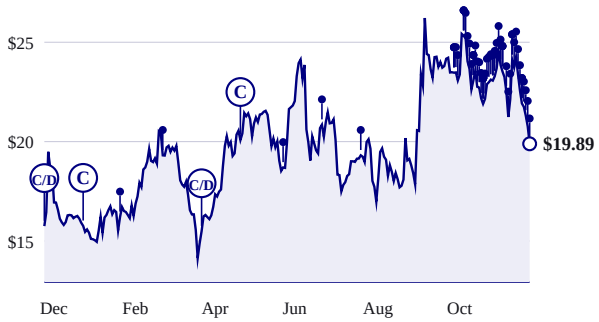
A B C D E

C, the tortoise



Scoreboard	
Profitability	C percentile 56.4
Solvency	C percentile 44.7
Growth and financing	C percentile 44.5
Reliability	0.91 AUC 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 Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	$591M to $2.67B assets total assets $1.6B
Standard universe	inside revenue above $1M and assets above $10M
Warnings	none triggered; fortress balance sheet not computable: short runway, distress
Inputs computable	7 of 13
Graded from	filings received through Mar 31, 2026 236 days before the rescan; latest periodic filing 10-Q received Sep 3, 2026
Last close	$19.91 2026-11-20; market equity $468.5M; 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 Mar 31, 2026

Titan Machinery Inc. and its subsidiaries (collectively, "Titan Machinery," the "Company," "we," or "our") own and operate a network of full service agricultural and construction equipment stores in the United States, Europe and Australia. We have been an authorized dealer of CNH Industrial N.V. or its U.S. subsidiaries (collectively referred to in this Annual Report on Form 10-K (this "Form 10-K") as "CNH") since our formation in 1980. CNH is a leading global manufacturer and supplier of agricultural and construction equipment, which includes the Case IH Agriculture, New Holland Agriculture, Case Construction and New Holland Construction brands.

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 56.4						
Gross profitability	23.7%	43.5%		77.9	223	2026-01-31
Return on invested capital	not computable	11.5%				

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a prior annual debt, equity, and cash observation is required					
Accruals ratio	(11.2%)	(4.9%)	21.0	268	2026-01-31
Gross margin stability, five years	2.2 pts	1.2 pts	70.1	202	2026-01-31
Solvency, sleeve percentile 44.7					
Altman Z double-prime	not computable	1.93			
one or more required annual facts are missing					
Net debt to EBITDA	not computable	1.65x			
latest aligned inputs end 2022-01-31; latest annual assets end 2026-01-31					
Interest coverage	not computable	3.83x			
interest expense must exceed $100,000					
Current ratio	1.41x	1.34x	44.7	274	2026-01-31
Growth and financing, sleeve percentile 44.5					
Revenue growth, three-year compound	3.2%	1.8%	41.4	250	2026-01-31
Free cash flow growth, three-year compound	not computable	5.2%			
current FCF must be positive and base FCF must exceed $100,000					
Reinvestment rate	not computable	13.1%			
latest aligned inputs end 2020-01-31; latest annual assets end 2026-01-31					
Asset growth, three years	10.8%	3.3%	15.2	251	2026-01-31
Net share issuance, one year	1.0%	(0.6%)	77.1	206	2026-03-23

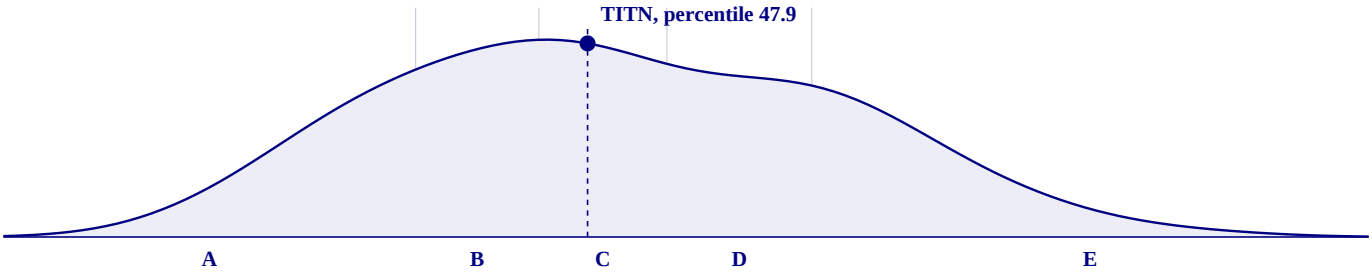
Warnings

1 of 7 checks triggered; none of them enters the letter

Check	Measured
Fortress balance sheet	cash minus debt is 65,501,000 USD; Altman Z is not used

Among 239 peers

shops; 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
110	Herbalife Ltd. (HLF)	45.8	C	
111	Honest Company, Inc. (HNST)	46.2	C	
112	LKQ Corp. (LKQ)	46.6	C	
113	Central Garden & PET Co. (CENT)	47.1	C	
114	Group 1 Automotive Inc. (GPI)	47.5	C	
115	Titan Machinery Inc. (TITN)	47.9	C	fortress balance sheet
116	Boise Cascade Co. (BCC)	48.3	C	
117	Foster L B Co. (FSTR)	48.7	C	
118	Scansource, Inc. (SCSC)	49.2	C	fortress balance sheet
119	TD Synnex Corp. (SNX)	49.6	C	
120	Reliance, Inc. (RS)	50.0	C	

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What the price implies

at the 2026-11-20 close; none of these enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	40.7%	(0.5%)	82
Distance from 52-week high	(24.1%)	(25.1%)	52
EBIT to enterprise value	(1.4%)	5.5%	16
Free cash flow yield	(2.1%)	4.2%	17
Book value to price	1.19	0.40	84
Sales to price	5.19	1.70	83
Composite equity issuance, five years	4.3%	(17.2%)	83
Relative strength against the sector, log excess return	0.43	0.08	82
Twelve-month failure probability, CHS model	not computable	0.04%	

Diagnostics

shown on every report; none enters the grade

Measure	Value
Piotroski F-score 4 of 9, period end 2026-01-31	
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	fail
Current ratio improved	pass
No new shares issued	fail
Gross margin improved	pass
Asset turnover improved	fail
Cash, filings, liquidity	
Cash and equivalents	n/a
Operating cash flow, four quarters	n/a
Months of runway	not finite
Days since last periodic filing	80 (10-Q received Sep 3, 2026)
Median daily dollar volume, 63 sessions	$4.1M

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	$382.6M	2026-01-31	2026-03-31	10-K	26-022376
2	assets	us-gaap:Assets	$1.6B	2026-01-31	2026-03-31	10-K	26-022376
3	operating income	us-gaap:OperatingIncomeLoss	$90.2M	2022-01-31	2024-04-03	10-K	24-000028
4	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeInc...	$86.9M	2022-01-31	2024-04-03	10-K	24-000028
5	income tax	us-gaap:IncomeTaxExpenseBenefit	$20.9M	2022-01-31	2024-04-03	10-K	24-000028
6	total debt	us-gaap:LongTermDebt	$80.6M	2022-01-31	2023-03-30	10-K	23-000011
7	book equity	us-gaap:StockholdersEquity	$435.2M	2022-01-31	2025-04-07	10-K	25-000027
8	cash	us-gaap:CashAndCashEquivalentsAtCarryingValue	$146.1M	2022-01-31	2022-04-01	10-K	22-000020
9	net income	us-gaap:NetIncomeLoss	-$54.2M	2026-01-31	2026-03-31	10-K	26-022376
10	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	$137.5M	2026-01-31	2026-03-31	10-K	26-022376
11	assets	us-gaap:Assets	$1.8B	2025-01-31	2026-03-31	10-K	26-022376
12	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$2.4B	2026-01-31	2026-03-31	10-K	26-022376
13	gross profit	us-gaap:GrossProfit	$395.6M	2025-01-31	2026-03-31	10-K	26-022376
14	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$2.7B	2025-01-31	2025-04-07	10-K	25-000027
15	gross profit	us-gaap:GrossProfit	$531.4M	2024-01-31	2026-03-31	10-K	26-022376
16	revenue	us-gaap:Revenues	$2.8B	2024-01-31	2026-03-31	10-K	26-022376
17	gross profit	us-gaap:GrossProfit	$439.8M	2023-01-31	2025-04-07	10-K	25-000027

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18	revenue	us-gaap:Revenues	$2.2B	2023-01-31	2025-04-07	10-K	25-000027
19	gross profit	us-gaap:GrossProfit	$332.7M	2022-01-31	2024-04-03	10-K	24-000028
20	revenue	us-gaap:Revenues	$1.7B	2022-01-31	2024-04-03	10-K	24-000028
21	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	$22.1M	2022-01-31	2024-04-03	10-K	24-000028
22	operating income	us-gaap:OperatingIncomeLoss	-$6.7M	2026-01-31	2026-03-31	10-K	26-022376
23	interest expense	us-gaap:InterestAndDebtExpense	$0	2026-01-31	2026-03-31	10-K	26-022376
24	current assets	us-gaap:AssetsCurrent	$1.1B	2026-01-31	2026-03-31	10-K	26-022376
25	current liabilities	us-gaap:LiabilitiesCurrent	$772.0M	2026-01-31	2026-03-31	10-K	26-022376
26	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesC...	$955,000	2020-01-31	2020-04-07	10-K	20-000015
27	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$10.7M	2020-01-31	2020-04-07	10-K	20-000015
28	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesC...	$46.6M	2019-01-31	2020-04-07	10-K	20-000015
29	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$6.3M	2019-01-31	2020-04-07	10-K	20-000015
30	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesC...	$95.8M	2018-01-31	2020-04-07	10-K	20-000015
31	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$13.5M	2018-01-31	2020-04-07	10-K	20-000015
32	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivitiesC...	$141.0M	2017-01-31	2019-04-05	10-K	19-000016
33	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$9.3M	2017-01-31	2019-04-05	10-K	19-000016
34	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	$28.1M	2020-01-31	2022-04-01	10-K	22-000020
35	operating income	us-gaap:OperatingIncomeLoss	$21.3M	2020-01-31	2022-04-01	10-K	22-000020
36	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeInc...	$14.7M	2020-01-31	2021-03-31	10-K	21-000022
37	income tax	us-gaap:IncomeTaxExpenseBenefit	$699,000	2020-01-31	2022-04-01	10-K	22-000020
38	current assets	us-gaap:AssetsCurrent	$727.5M	2020-01-31	2021-03-31	10-K	21-000022
39	current liabilities	us-gaap:LiabilitiesCurrent	$494.2M	2020-01-31	2021-03-31	10-K	21-000022
40	current assets	us-gaap:AssetsCurrent	$640.9M	2019-01-31	2020-04-07	10-K	20-000015
41	current liabilities	us-gaap:LiabilitiesCurrent	$420.5M	2019-01-31	2020-04-07	10-K	20-000015
42	assets	us-gaap:Assets	$2.0B	2024-01-31	2026-03-31	10-K	26-022376
43	assets	us-gaap:Assets	$1.2B	2023-01-31	2025-04-07	10-K	25-000027
44	shares outstanding	dei:EntityCommonStockSharesOutstanding	23,354,499	2026-03-23	2026-03-31	10-K	26-022376
45	shares outstanding	dei:EntityCommonStockSharesOutstanding	23,123,573	2025-03-24	2025-04-07	10-K	25-000027

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