Silvaco Group, Inc.

SVCO

Nasdaq; business equipment; SIC 7372, Services-Prepackaged Software; CIK 0001943289

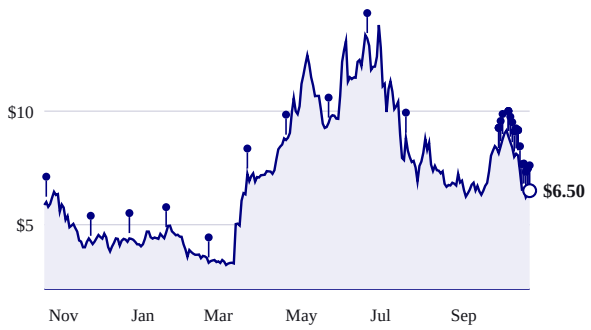
None

No letter

5 of 14 inputs computable; 7 are required, with a score in every sleeve

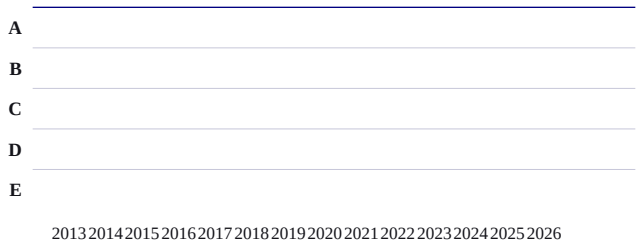
Scoreboard	
Reliability	0.87 AUC filers with $120M to $591M assets; 95% interval 0.83 to 0.90; 206 events, 2020 to 2025
Peer failure rate	1.03% a year Item 1.03 bankruptcies, same asset band, 2012 to 2025
Size band	$120M to $591M assets total assets $122.6M
Standard universe	inside revenue above $1M and assets above $10M
Warnings	short runway, thin data not computable: distress, fortress balance sheet
Inputs computable	5 of 14
Graded from	filings received through Mar 12, 2026 223 days before the rescan; latest periodic filing 10-Q received Aug 6, 2026
Last close	$6.50 2026-10-20; market equity $220.1M; 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 12, 2026

Silvaco Group, Inc. is a provider of technology computer aided design ("TCAD") software, electronic data automation ("EDA") software and semiconductor intellectual property ("SIP"). Our solutions are used by engineers to optimize semiconductor manufacturing processes and efficiently bring semiconductor products to market. Our differentiated solutions enable our customers to increase productivity, accelerate time-to-market and reduce development and manufacturing costs. Our TCAD solutions are used in the semiconductor industry to model and optimize manufacturing processes and device performance.

The fourteen 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 44.5						
Gross profitability	40.3%	28.6%		27.0	557	2025-12-31
Return on invested capital	not computable	11.2%				
one or more required annual facts are missing						

Accruals ratio	(5.5%)	(7.4%)		62.0	620	2025-12-31
Gross margin stability, five years	not computable	2.3 pts				
five annual gross margins are required; found 2						
Solvency, sleeve percentile 69.5						
Twelve-month failure probability	not computable	0.05%				
latest liabilities, cash plus short-term investments, book equity, and shares are required						
Altman Z double-prime	(2.29)	2.16		67.0	564	2025-12-31
Net debt to EBITDA	not computable	1.11x				
one or more required annual facts are missing						
Interest coverage	not computable	3.77x				
one or more required annual facts are missing						
Current ratio	1.20x	2.01x		72.1	664	2025-12-31
Growth and financing, sleeve percentile 77.8						
Revenue growth, three-year compound	not computable	6.4%				
four annual observations are required; found 2						
Free cash flow growth, three-year compound	not computable	18.0%				
four consecutive annual FCF observations are required; found 2						
Reinvestment rate	not computable	14.3%				
NOPAT must exceed $100,000						
Asset growth, three years	not computable	5.0%				
four annual observations are required; found 2						
Net share issuance, one year	9.7%	0.5%		77.8	410	2026-03-09

Warnings

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

Check	Measured
Short runway	cash runway is 4.6 months
Thin data	5 of 14 grade factors are computable; minimum is 7

What the price implies

at the 2026-10-20 close; none of these enters the grade

Measure	Value	Peer median	Percentile
Twelve-month price change, skipping the latest month	28.3%	2.2%	70
Distance from 52-week high	(52.9%)	(31.1%)	27
EBIT to enterprise value	not computable	1.4%	
Free cash flow yield	(15.7%)	2.8%	14
Book value to price	0.38	0.26	62
Sales to price	0.29	0.31	48
Composite equity issuance, five years	not computable	4.2%	
Relative strength against the sector, log excess return	(0.03)	(0.26)	70

Diagnostics

shown on every report; none enters the grade

Measure	Value
Piotroski F-score None of 9, period end 2025-12-31	
Return on assets above zero	fail
Operating cash flow above zero	fail
Return on assets improved	fail
Operating cash flow exceeds net income	pass
Long-term leverage fell	fail
Current ratio improved	fail
No new shares issued	fail

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Gross margin improved	fail
Asset turnover improved	fail
Cash, filings, liquidity	
Cash and equivalents	$13.0M
Operating cash flow, four quarters	-$33.8M
Months of runway	4.6
Days since last periodic filing	76 (10-Q received Aug 6, 2026)
Median daily dollar volume, 63 sessions	$2.6M

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	$49.4M	2025-12-31	2026-03-12	10-K	26-017378
2	assets	us-gaap:Assets	$122.6M	2025-12-31	2026-03-12	10-K	26-017378
3	net income	us-gaap:NetIncomeLoss	-$41.2M	2025-12-31	2026-03-12	10-K	26-017378
4	operating cash flow	us-gaap:NetCashProvidedByUsedInOperatingActivities	-$33.9M	2025-12-31	2026-03-12	10-K	26-017378
5	assets	us-gaap:Assets	$142.3M	2024-12-31	2026-03-12	10-K	26-017378
6	current assets	us-gaap:AssetsCurrent	$46.1M	2025-12-31	2026-03-12	10-K	26-017378
7	current liabilities	us-gaap:LiabilitiesCurrent	$38.4M	2025-12-31	2026-03-12	10-K	26-017378
8	retained earnings	us-gaap:RetainedEarningsAccumulatedDeficit	-$69.2M	2025-12-31	2026-03-12	10-K	26-017378
9	operating income	us-gaap:OperatingIncomeLoss	-$45.9M	2025-12-31	2026-03-12	10-K	26-017378
10	book equity	us-gaap:StockholdersEquity	$75.0M	2025-12-31	2026-03-12	10-K	26-017378
11	liabilities	us-gaap:Liabilities	$47.7M	2025-12-31	2026-03-12	10-K	26-017378
12	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$63.1M	2025-12-31	2026-03-12	10-K	26-017378
13	revenue	us-gaap:RevenueFromContractWithCustomerExcludingA...	$59.7M	2024-12-31	2026-03-12	10-K	26-017378
14	capital expenditure	us-gaap:PaymentsToAcquirePropertyPlantAndEquipment	$618,000	2025-12-31	2026-03-12	10-K	26-017378
15	depreciation amortization	us-gaap:DepreciationDepletionAndAmortization	$3.5M	2025-12-31	2026-03-12	10-K	26-017378
16	pretax income	us-gaap:IncomeLossFromContinuingOperationsBeforeInc...	-$44.6M	2025-12-31	2026-03-12	10-K	26-017378
17	income tax	us-gaap:IncomeTaxExpenseBenefit	-$3.4M	2025-12-31	2026-03-12	10-K	26-017378
18	current assets	us-gaap:AssetsCurrent	$107.3M	2024-12-31	2026-03-12	10-K	26-017378
19	current liabilities	us-gaap:LiabilitiesCurrent	$34.5M	2024-12-31	2026-03-12	10-K	26-017378
20	shares outstanding	dei:EntityCommonStockSharesOutstanding	31,440,906	2026-03-09	2026-03-12	10-K	26-017378
21	shares outstanding	dei:EntityCommonStockSharesOutstanding	28,672,399	2025-02-28	2025-03-05	10-K	25-010567

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