# Chicago Rivet & Machine Co.

**CVR**

NYSE; manufacturing; SIC 3540, Metalworkg Machinery & Equipment; CIK 0000019871

**D**

## fourth fifth of 254 graded peers in manufacturing

rank 168 of 254; percentile 66.0; sampling error 3.0 points; lower is stronger

A B C D E

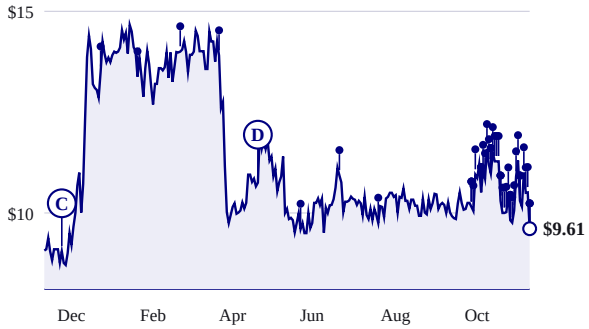
**D, the sloth**



### Scoreboard

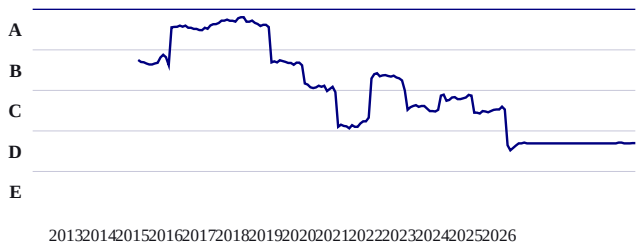
| | |
|---|---|
| **Profitability** | D/E<br>percentile 78.0 |
| **Solvency** | A<br>percentile 9.5 |
| **Growth and financing** | D<br>percentile 75.0 |
| **Reliability** | 0.83 AUC<br>filers with $12.5M to $120M assets; 95% interval 0.79 to 0.86; 201 events, 2020 to 2025 |
| **Peer failure rate** | 1.07% a year<br>Item 1.03 bankruptcies, same asset band, 2012 to 2025 |
| **Size band** | $12.5M to $120M assets<br>total assets $23.3M |
| **Standard universe** | inside<br>revenue above $1M and assets above $10M |
| **Warnings** | short runway; fortress balance sheet<br>not computable: distress |
| **Inputs computable** | 8 of 14 |
| **Graded from** | filings received through Mar 24, 2026<br>231 days before the rescan; latest periodic filing 10-Q received Nov 6, 2026 |
| **Last close** | $10.05<br>2026-11-09; market equity $9.7M; 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 24, 2026*

" of this Annual Report on Form 10-K under the caption "Information about our Executive Officers." The Company has adopted a code of ethics for its principal executive officer and principal financial officer, and other senior officers. A copy of the code of ethics was filed as Exhibit 14 to the Company's Annual Report on Form 10-K filed on March 29, 2005. The Company will provide a copy of its code of ethics to any person without charge, upon request to the Company's Corporate Secretary, Chicago Rivet & Machine Co., 27755 Diehl Road, Warrenville, Illinois 60555.

## 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 78.0** | | | | | | |
| Gross profitability | 17.7% | 22.0% | | 61.2 | 274 | 2025-12-31 |
| Return on invested capital | not computable | 9.7% | | | | |

*required facts have no common fiscal period end*

Not investment advice. Informational and educational only. Data from SEC EDGAR, may contain errors, is not warranted. The grade ranks reported financial condition and is not a return forecast.

| | | | | | | |
|---|---|---|---|---|---|---|
| Accruals ratio | 0.6% | (3.7%) | 81.6 | 305 | 2025-12-31 |
| Gross margin stability, five years | 7.5 pts | 2.1 pts | 91.2 | 228 | 2025-12-31 |
| **Solvency, sleeve percentile 9.5** | | | | | |
| Twelve-month failure probability | not computable | 0.04% | | | |
| *latest liabilities, cash plus short-term investments, book equity, and shares are required* | | | | | |
| Altman Z double-prime | 9.83 | 3.72 | 7.5 | 241 | 2025-12-31 |
| Net debt to EBITDA | not computable | 1.77x | | | |
| *EBITDA must exceed $100,000* | | | | | |
| Interest coverage | not computable | 5.09x | | | |
| *one or more required annual facts are missing* | | | | | |
| Current ratio | 5.21x | 2.26x | 11.5 | 322 | 2025-12-31 |
| **Growth and financing, sleeve percentile 75.0** | | | | | |
| Revenue growth, three-year compound | (6.1%) | 2.2% | 84.6 | 268 | 2025-12-31 |
| Free cash flow growth, three-year compound | not computable | 13.7% | | | |
| *current FCF must be positive and base FCF must exceed $100,000* | | | | | |
| Reinvestment rate | not computable | 25.7% | | | |
| *NOPAT must exceed $100,000* | | | | | |
| Asset growth, three years | (11.5%) | 4.1% | 91.6 | 276 | 2025-12-31 |
| Net share issuance, one year | 0.0% | 0.00% | 48.7 | 240 | 2026-03-23 |

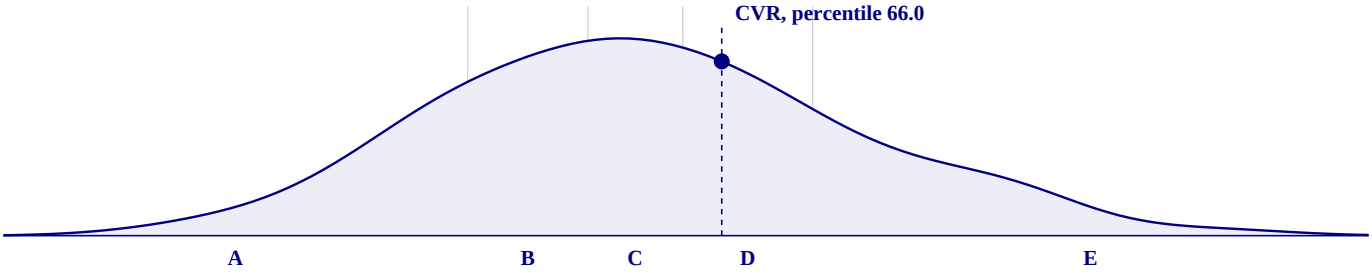
## Warnings

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

| Check | Measured |
|---|---|
| Short runway | cash runway is 4.7 months |
| Fortress balance sheet | cash minus debt is 1,922,679 USD; Altman Z is not used |

## Among 254 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 |
|---|---|---|---|---|
| 163 | Yunhong Green CTI Ltd. (YHGJ) | 64.0 | D | late filer |
| 164 | Manitowoc Co. Inc. (MTW) | 64.4 | D | |
| 165 | Amtech Systems Inc. (ASYS) | 64.8 | D | fortress balance sheet |
| 166 | Myers Industries Inc. (MYE) | 65.2 | D | |
| 167 | Helios Technologies, Inc. (HLIO) | 65.6 | D | |
| 168 | Chicago Rivet & Machine Co. (CVR) | 66.0 | D | short runway, fortress balance sheet |
| 169 | Sylvamo Corp. (SLVM) | 66.4 | D | |
| 170 | Latham Group, Inc. (SWIM) | 66.8 | D | |
| 171 | Graham Corp. (GHM) | 67.2 | D | fortress balance sheet |
| 172 | Park Ohio Holdings Corp. (PKOH) | 67.6 | D | |
| 173 | Arts WAY Manufacturing Co. Inc. (ARTW) | 68.0 | D | |

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## What the price implies

*at the 2026-11-09 close; none of these enters the grade*

| Measure | Value | Peer median | Percentile |
|---|---|---|---|
| Twelve-month price change, skipping the latest month | 19.0% | 9.8% | 59 |
| Distance from 52-week high | (34.4%) | (24.4%) | 35 |
| EBIT to enterprise value | (13.8%) | 4.1% | 6 |
| Free cash flow yield | (16.8%) | 3.4% | 9 |
| Book value to price | 1.78 | 0.35 | 96 |
| Sales to price | 3.00 | 0.54 | 92 |
| Composite equity issuance, five years | (11.8%) | (9.6%) | 43 |
| Relative strength against the sector, log excess return | 0.09 | 0.01 | 59 |

## 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 | pass |
| Operating cash flow exceeds net income | fail |
| Long-term leverage fell | fail |
| Current ratio improved | fail |
| No new shares issued | pass |
| Gross margin improved | pass |
| Asset turnover improved | pass |
| **Cash, filings, liquidity** | |
| Cash and equivalents | $633,933 |
| Operating cash flow, four quarters | -$1.6M |
| Months of runway | 4.7 |
| Days since last periodic filing | 4 (10-Q received Nov 6, 2026) |
| Median daily dollar volume, 63 sessions | $16,756 |

## 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 | $4.1M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 2 | assets | us-gaap:Assets | $23.3M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 3 | net income | us-gaap:NetIncomeLoss | -$1.1M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 4 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | -$1.2M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 5 | assets | us-gaap:Assets | $23.4M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 6 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $27.9M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 7 | gross profit | us-gaap:GrossProfit | $1.1M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 8 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $27.0M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 9 | gross profit | us-gaap:GrossProfit | -$599,590 | 2023-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 10 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $31.5M | 2023-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 11 | gross profit | us-gaap:GrossProfit | $3.8M | 2022-12-31 | 2024-03-28 | 10-K | 24-080560 |
| 12 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $33.6M | 2022-12-31 | 2024-03-28 | 10-K | 24-080560 |
| 13 | gross profit | us-gaap:GrossProfit | $6.5M | 2021-12-31 | 2023-03-29 | 10-K | 23-083675 |
| 14 | revenue | us-gaap:RevenueFromContractWithCustomerExcludingA... | $34.0M | 2021-12-31 | 2023-03-29 | 10-K | 23-083675 |
| 15 | current assets | us-gaap:AssetsCurrent | $12.2M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 16 | current liabilities | us-gaap:LiabilitiesCurrent | $2.3M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 17 | retained earnings | us-gaap:RetainedEarningsAccumulatedDeficit | $21.2M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 18 | operating income | us-gaap:OperatingIncomeLoss | -$1.2M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | book equity | us-gaap:StockholdersEquity | $18.8M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 20 | liabilities | us-gaap:Liabilities | $4.5M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 21 | total debt | us-gaap:LongTermDebt | $0 | 2024-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 22 | cash | us-gaap:CashAndCashEquivalentsAtCarryingValue | $1.9M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 23 | operating income | us-gaap:OperatingIncomeLoss | -$5.2M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 24 | depreciation amortization | us-gaap:Depreciation | $1.2M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 25 | capital expenditure | us-gaap:PaymentsToAcquireProductiveAssets | $331,669 | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 26 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | -$153,451 | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 27 | capital expenditure | us-gaap:PaymentsToAcquirePropertyPlantAndEquipment | $651,398 | 2024-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 28 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | -$1.9M | 2023-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 29 | capital expenditure | us-gaap:PaymentsToAcquireProductiveAssets | $1.1M | 2023-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 30 | operating cash flow | us-gaap:NetCashProvidedByUsedInOperatingActivities | -$1.3M | 2022-12-31 | 2024-03-28 | 10-K | 24-080560 |
| 31 | capital expenditure | us-gaap:PaymentsToAcquireProductiveAssets | $969,943 | 2022-12-31 | 2024-03-28 | 10-K | 24-080560 |
| 32 | depreciation amortization | us-gaap:Depreciation | $1.2M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 33 | pretax income | us-gaap:IncomeLossFromContinuingOperationsBeforeInc... | -$1.2M | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 34 | income tax | us-gaap:IncomeTaxExpenseBenefit | -$95,096 | 2025-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 35 | current assets | us-gaap:AssetsCurrent | $12.6M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 36 | current liabilities | us-gaap:LiabilitiesCurrent | $2.2M | 2024-12-31 | 2026-03-24 | 10-K | 26-000004 |
| 37 | assets | us-gaap:Assets | $27.8M | 2023-12-31 | 2025-03-28 | 10-K | 25-046656 |
| 38 | assets | us-gaap:Assets | $33.6M | 2022-12-31 | 2024-03-28 | 10-K | 24-080560 |
| 39 | shares outstanding | dei:EntityCommonStockSharesOutstanding | 966,132 | 2026-03-23 | 2026-03-24 | 10-K | 26-000004 |
| 40 | shares outstanding | dei:EntityCommonStockSharesOutstanding | 966,132 | 2025-03-21 | 2025-03-28 | 10-K | 25-046656 |

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