



## Featured Stock in September’s Exec Comp & ROIC Model Portfolio

Four new stocks make September’s [Exec Comp Aligned with ROIC Model Portfolio](#), available to members as of September 15, 2021.

### Recap From August’s Picks

Our Exec Comp Aligned with ROIC Model Portfolio (-1.7%) underperformed the S&P 500 (+0.1%) from August 13, 2021 through September 13, 2021. The best performing stock in the portfolio was up 12%. Overall, four out of the 15 Exec Comp Aligned with ROIC Stocks outperformed the S&P 500 from August 13, 2021 through September 13, 2021.

[Learn more about the best fundamental research](#)

More reliable & [proprietary](#) fundamental data, proven in [The Journal of Financial Economics](#), drives our research. Our proprietary [Robo-Analyst technology](#)<sup>1</sup> scales our forensic accounting expertise ([featured in Barron’s](#)) across thousands of stocks<sup>2</sup> to produce an unrivaled database of fundamental data.

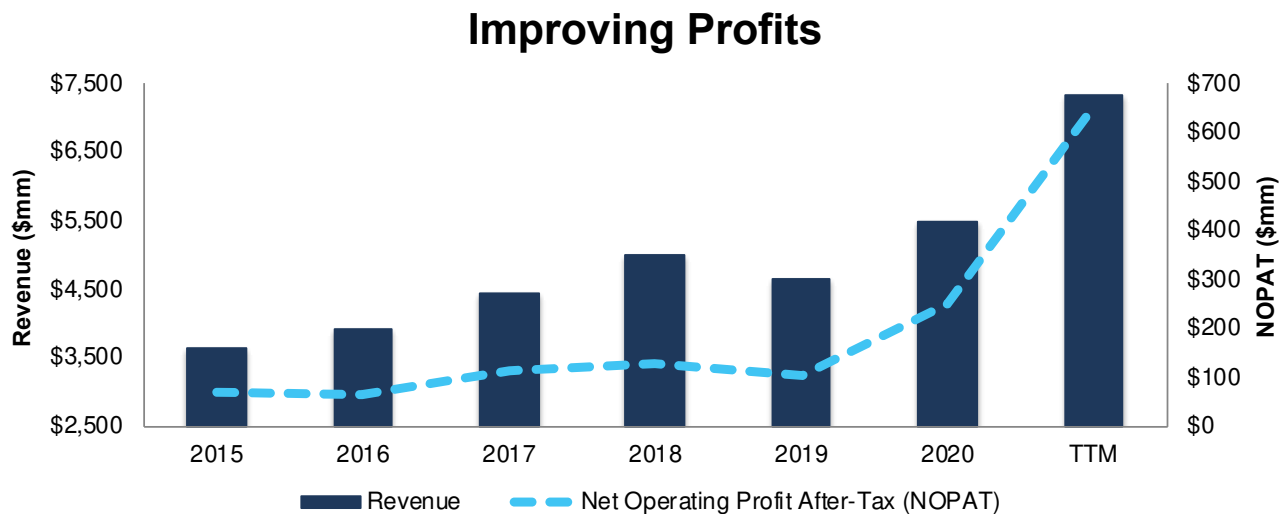
This Model Portfolio only includes stocks that earn an [Attractive or Very Attractive](#) rating and align executive compensation with improving ROIC. We think this combination provides a uniquely well-screened list of long ideas because return on invested capital ([ROIC](#)) is the [primary driver of shareholder value creation](#).

### New Stock Feature for September: Boise Cascade Company (BCC: \$55/share)

Boise Cascade Company (BCC) is the featured stock in September’s Exec Comp Aligned with ROIC Model Portfolio.

Boise Cascade grew revenue by 9% compounded annually and net operating profit after tax ([NOPAT](#)) by 29% compounded annually from 2015 to 2020, per Figure 1. The firm’s trailing-twelve-month (TTM) NOPAT is up 53% year-over-year. NOPAT margin improved from 2% in 2015 to 9% over the TTM.

**Figure 1: Boise Cascade’s NOPAT Growth: 2015 – TTM**



Sources: New Constructs, LLC and company filings

<sup>1</sup> Harvard Business School features our research automation technology in the case [Disrupting Fundamental Analysis with Robo-Analysts](#).

<sup>2</sup> See how our models overcome flaws in Bloomberg and Capital IQ’s (SPGI) analytics in the [detailed appendix of this paper](#).

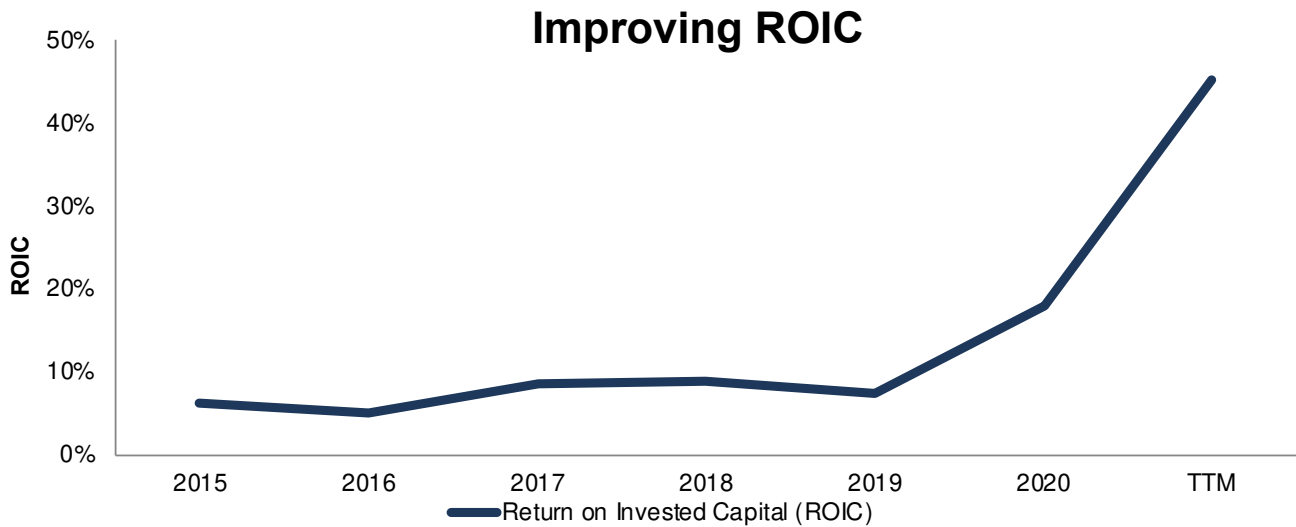


**ROIC-Based Pay Properly Incentivizes Executives**

Boise Cascade’s executive compensation plan aligns executives’ interests with shareholder’s interests by tying its performance stock unit awards to a one-year ROIC performance goal.

Boise Cascade’s inclusion of ROIC as an executive compensation performance goal has helped drive shareholder value creation through rising ROIC and [economic earnings](#). Boise Cascade’s ROIC improved from 6% in 2015 to 18% in 2020, and even higher, to 45% over the TTM. Meanwhile, economic earnings grew from \$3 million in 2015 to \$172 million in 2020, and to \$567 million over the TTM.

**Figure 2: Boise Cascade’s Return on Invested Capital: 2015 - TTM**



Sources: New Constructs, LLC and company filings

**BCC Is Undervalued**

At its current price of \$55/share, BCC has a price-to-economic book value ([PEBV](#)) ratio of 0.2. This ratio means the market expects Boise Cascade’s NOPAT to permanently decline by 80%. Certainly, this ratio is impacted by a large improvement in economic book value during 2020 and the TTM. However, if we look at a longer time frame, BCC still looks undervalued. The firm’s 3-year average economic book value is \$4.3 billion compared to a market cap of just \$2.2 billion.

Even if Boise Cascade’s NOPAT margin falls to 3% (equal to five-year average, compared to 9% TTM) and the firm’s NOPAT falls by <1% compounded annually over the next 10 years, the stock is worth \$88/share today – a 60% upside. [See the math behind this reverse DCF scenario](#). For reference, Boise Cascade has grown NOPAT by 16% compounded annually since 2012. Should the firm grow NOPAT more in line with historical growth rates, the stock has even more upside.

**Critical Details Found in Financial Filings by Our [Robo-Analyst Technology](#)**

Fact: we provide [more reliable fundamental data](#) and earnings models – unrivaled in the world.

Proof: [Core Earnings: New Data & Evidence](#), forthcoming in The Journal of Financial Economics.

Below are specifics on the adjustments we make based on Robo-Analyst findings in Boise Cascade’s 10-K and 10-Qs:

Income Statement: we made \$77 million in adjustments, with a net effect of removing \$73 million in [non-operating expenses](#) (1% of revenue). You can see all the adjustments made to Boise Cascade’s income statement [here](#).

Balance Sheet: we made \$248 million in adjustments to calculate invested capital with a net decrease of \$52 million. One of the largest adjustments was \$85 million (6% of reported net assets) in [asset write downs](#). You can see all the adjustments made to Boise Cascade’s balance sheet [here](#).



Valuation: we made \$904 million in adjustments with a net effect of decreasing shareholder value by \$329 million. Apart from [total debt](#), the most notable adjustment to shareholder value was \$287 million in [excess cash](#). This adjustment represents 14% of Boise Cascade's market cap. See all adjustments to Boise Cascade's valuation [here](#).

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*Disclosure: David Trainer, Kyle Guske II, Alex Sword, and Matt Shuler receive no compensation to write about any specific stock, style, or theme.*

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## *It's Official: We Offer the Best Fundamental Data in the World*

Many firms claim their research is superior, but none of them can prove it with independent studies from highly-respected institutions as we can. Three different papers from both the public and private sectors show:

1. Legacy fundamental datasets suffer from significant inaccuracies, omissions and biases.
2. Only our “novel database” enables investors to overcome these flaws and apply [reliable](#) fundamental data in their research.
3. Our proprietary measures of [Core Earnings](#) and [Earnings Distortion](#) materially improve stock picking and forecasting of profits.

### **Best Fundamental Data in the World**

Forthcoming in [The Journal of Financial Economics](#), a top peer-reviewed journal, [Core Earnings: New Data & Evidence](#) proves our Robo-Analyst technology overcomes material shortcomings in legacy firms' data collection processes to provide superior [fundamental data](#), [earnings](#) models, and [research](#). More [details](#).

Key quotes from the paper:

- “[New Constructs’] *Total Adjustments* differs significantly from the items identified and excluded from Compustat’s adjusted earnings measures. For example... 50% to 70% of the variation in *Total Adjustments* is not explained by S&P Global’s (*SPGI*) *Adjustments* individually.” – pp. 14, 1<sup>st</sup> para.
- “A final source of differences [between New Constructs’ and S&P Global’s data] is due to data collection oversights...we identified cases where Compustat did not collect information relating to firms’ income that is useful in assessing core earnings.” – pp. 16, 2<sup>nd</sup> para.

### **Superior Models**

A top accounting firm features the superiority of our ROIC, NOPAT and Invested Capital research to Capital IQ & Bloomberg’s in [Getting ROIC Right](#). See the [Appendix](#) for direct comparison details.

Key quotes from the paper:

- “...an accurate calculation of ROIC requires more diligence than often occurs in some of the common, off-the-shelf ROIC calculations. Only by scouring the footnotes and the MD&A [ as New Constructs does] can investors get an accurate calculation of ROIC.” – pp. 8, 5<sup>th</sup> para.
- “The majority of the difference...comes from New Constructs’ machine learning approach, which leverages technology to calculate ROIC by applying accounting adjustments that may be buried deeply in the footnotes across thousands of companies.” – pp. 4, 2<sup>nd</sup> para.

### **Superior Stock Ratings**

Robo-Analysts’ stock ratings outperform those from human analysts as shown in this [paper](#) from Indiana’s Kelley School of Business. Bloomberg features the paper [here](#).

Key quotes from the paper:

- “the portfolios formed following the buy recommendations of Robo-Analysts earn abnormal returns that are statistically and economically significant.” – pp. 6, 3<sup>rd</sup> para.
- “Our results ultimately suggest that Robo-Analysts are a valuable, alternative information intermediary to traditional sell-side analysts.” – pp. 20, 3<sup>rd</sup> para.

Our mission is to provide the best fundamental analysis of public and private businesses in the world and make it affordable for all investors, not just Wall Street insiders.

We believe every investor deserves to know the whole truth about the profitability and valuation of any company they consider for investment. More details on our cutting-edge technology and how we use it are [here](#).



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