## Mean Green Money Machine




- Headquarter: Dublin, CA
- Symbol: ROST
- Stock Price: \$97
- Market Cap: \$33.2B
- Revenue: \$12.5B




Launched DD's
Discounts

Entered the Midwest region with initial opening of 12 stores

Annual sales reached record \$16b with 1,546 Ross and 259 dd's

Met goal of 65 new stores and sees room for expansion


## Stook Chrort

## Last 52 Weeks




## Gurrent Developments

- Continued enhancements of collaboration
- Merchandise planning
- Distribution planning
- Store Count Expansion

- 100 New Stores Every Year


## Why Roses

- Attractive valuation
- Owned previously
- Superb business model
- High ROIC vs other retailers


## DISCOUNTS <br> LADES KIDSS MEN SHORS HOME

## Business Model

## Two Mofor Brandk

## Ross Dress for Less

- Off-price retail for the average consumer


## dd's Discounts

- Off-price retail for lower-income and urban consumers

No one store accounts for more than 1\% of total sales


## ROSS D RESS for est

- 20-60\% off department prices
- 1585 stores ( $85 \%$ of total)
- Caters to consumers from all walks of life
- Discounted branded merchandise
- Average store is $\sim 33,000$ sqft


## Store Count



20052006200720082009201020112012201320142015201620172018201920202021

## ddes Discountis

- 20-70\% off department prices
- 274 stores ( $15 \%$ of total)
- Caters to younger groups with less disposable income
- Average store: $18-22,000$ square feet


## Store Count



## AsGortment

Merchandise Mix



ROSS

- Treasure Hunt Experience combined with lower-than-average prices
- Draws customers from both department stores and e-commerce
- Consistently delivers 3-4\% increase in same-store sales, year in and year out
- Wide assortment for all demographics



## Inventory Monoganuem

- Key metrics for retailers: Inventory Turnover
- Sold $6 x$ the average inventory so far in 2021

Inventory Turnover

- Ross has a dedicated network of experienced buyers/merchants who source directly from manufacturers
- Network of distribution centers
- Average square foot:
- Packaway stored here
- Packaway inventory strategy to time assortment specifically to customer needs
- 40-50\% of inventory in Packaway



## Revenue Drivers

- Higher Prices
- More Transactions
- Higher Same-Store Sales
- Open new stores


ROSS

Revenue Drivers


## Geographic Break?

## Stores by State



#  <br> <br> 2axuman <br> <br> 2axuman <br> <br> \section*{Management \& Capital <br> <br> \section*{Management \& Capital <br> <br> <br> Management \& Allocation

} <br> <br> <br> Management \&
Allocation}
}

## 3055

## Barbara Rentler

## Chief Executive Officer

- 2014 - present
- Joined Ross in 1986
- Internal Hire
- Positions in various departments prior to becoming CEO, knows the business well.


## Michael J Hartshorn

Chief Operating Officer

- 2019 - present
- Joined Ross in 2000
- Internal Hire
- Held various financial and operating roles


## Brian Morro

Chief Merchandise Officer

- 2015 - present
- External Hire
- Retail experience at SteinMart and Macy's
- Has had career in merchandise management since graduating college


## Adam Orvos

Chief Financial Officer

- 2021 - present
- Joined Ross in 2021
- External Hire
- Prev. CFO of Belk and various retail finance roles



## Capex/Sales



- Management has proven to be shareholder friendly
- Buying back 2\% of the company per year on average
- Along with dividends, buybacks were suspended during pandemic to preserve capital
- $\$ 1.5$ billion buyback going forward (4.4\% of market cap)


## Shares Outstanding

| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Stock Buybacks


## Dividends

- Dividends consistently growing
- Efficient, not paying out a significant amount of earnings

- Dividend suspended during pandemic to save capital
- Dividends/Buyback secondary to capital reinvestment


- Clustered Operations - Stores are clustered to benefit from advertising, distribution, and field management


Distribution centers
are highly automated.


## amiewe madustry Position

- Diverse Target Audience - Men and women age 18-54. Products for everyone.
- Competitive Value Proposition - Nationally recognized brands sold at a discount
- Low-Cost Operational Structure - Ross takes advantage of imbalances between retailer demand and manufacturer supply
- Experience - A treasure hunt!

- Reputation/Brand name - Of selling top brands. Nike Gucci, TOMS, can be found but at a lower price.


- Ross VS Amazon
- Experience VS Convenience
- Pandemic - Amazon fine, Ross Suffered
- $50 \%$ of Ross stores are in California, Texas and Florida.
- More than $50 \%$ of Ross distribution centers \& warehouses are in California.
- Should a disaster or a pandemic strike concentrate on one area, Ross could materially suffer.
- Ross had to completely shut down stores
- Employees were lost

- Inventory became obsolete and required markdowns
- Compensation costs remained
- Expansion plans were halted
- Management had to shift to capital preservation mode
- Low "Packaway" Inventory
- Physical Look
- Supply Chain Disruptions

- Unionization and Wage Inflation
- Highly Competitive Industry
- With $\$ 1$ billion, I could create a competitor
- Reliance on department store inefficiencies



## Interpretattion of

## Financial Statement's




## In Mil

\$18,145
\$11,042
\$9,721
\$10,230
\$8,608
\$14,135
\$11,940
\$12,867


CAGR: 7.7\%
$\square$

In Mil


CAGR: 7.7\%


CAGR: 7.9\%


## operang cosh How

## In Mil



|  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |




## Toral Shorehotders Equint

In Mil
\$3,983
\$3,049
\$2,748
\$2,472
\$2,279
\$1,767

CAGR: 10.3\%
\$1,493


| $37.6 \%$ | $37.9 \%$ | $37.7 \%$ | $37.7 \%$ | $36.7 \%$ | $37.4 \%$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  | $33.2 \%$ |  |

26.5\%

| $45{ }^{2}$ | $20^{33}$ | $20{ }^{0+1}$ | $20^{\frac{3}{3}}$ | $20^{06}$ | $20{ }^{10}$ | $200^{80}$ | $20{ }^{9}$ | $22^{0}$ | $2^{02}$ | * |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## Interest os a\% of Operaming Income



## SC\&A as o \% of Cross Protiz



Averages:
10 yr - 52.6\%
5 yr -52.2\%
3 yr -53.3\%

| ${ }^{47} \nu^{*}$ | $20^{33}$ | 200 | $20^{15}$ | $0^{10}$ | $00^{01}$ | 200 | $20^{29}$ | $20^{0}$ | $2^{2}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## Depredotion ascecol cross Proft



Averages:
10 yr - 7.5\%
5 yr-7.7\%
3 yr - 7.5\%

| $48 \nu^{48}$ | $20^{33}$ | $00^{00}$ | $20^{50}$ | $20^{10}$ | $0{ }^{0}$ | $10^{00}$ | $0^{00}$ | $00^{\circ}$ | $0^{20}$ | ベ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## Gross Marein



## Averages:

10 yr -28.2\%
5 yr - 28.4\%
3 yr - 28.1\%



## Averages:

10 yr - 13.4\%
5 yr-13.6\%
3 yr - 13.1\%



## Revinontapity




## ObPGation Ranio



## Burline Competitor Analysis

 LADIES P MENS I MOS : BAEY OM

## Competitors in Apparel Retall

Off-Price Retailers: Companies purchase over-produced branded items at a lower price and sell them at a discount to consumers

- TJ Maxx
- Ross
- Burlington

- Big Lots

Low-priced, General Merchandise Retailers: Companies purchase large quantities of unique quality merchandise and sell it at the lowest price possible

- Target
- Amazon



## Competitors in Apparel Retall

Department Stores - sell an assortment of apparel from a relatively stable roster of brands at full prices

- Macy's
- Kohl's
- Dillard's
- Nordstrom

DTC, Lower Quality Discounters, Specialized C2C platforms:

- Companies can sell direct-to consumer if they have brand loyalty
- Discount retail websites like Shein have low quality merchandise at low prices
- Niche platforms facilitate sales used clothes from consumer to consumer



## Closest gompetirors



- Purchase inventory from more than 7,500 vendors
- Packaway levels at 40\%50\% of inventory
- Concentrates on staple items insulated from trend changes

TJX

## TJMOXX

 Marshalls.HomeGoods

- Purchase inventory from 21,000+ vendors in 100+ countries
- Picks from a larger pool of attractive inventory
- More differentiated inventory
- E-commerce presence


## Burlington



- Purchases inventory from 5,000 vendors
- Management notes that avg. customer income is lower than ROST \& TJX
- Usually doesn't have as much branded inventory

|  | Inventory Turnover | Gross <br> Profit <br> Margin | Operating Margin | Net Margin | Return on Equity | Return on Invested Capital | 5-year sales CAGR | 5-year Net income CAGR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathrm{ROOSSS}_{\text {DRER Less }}$ | 6.07 | 28\% | 14\% | 9\% | 48\% | 43\% | 7.8\% | 12.4\% |
| Tj-Max | 6.49 | 29\% | 11\% | 7\% | 57\% | 40\% | 7.5\% | 8.1\% |
| Burlington | 4.41 | 42\% | 7\% | 5\% | -107\% | 24\% | 8.5\% | 47.8\% |
| $\begin{aligned} & 3 G \\ & \text { LOTS } \end{aligned}$ | 3.54 | 40\% | 4\% | 3\% | 19\% | 10\% | 0.6\% | 4.7\% |
| TARGET | 6.01 | 30\% | 6\% | 3\% | 31\% | 31\% | 1.5\% | 10.7\% |
| * macys | 2.94 | 40\% | 7\% | 5\% | 22\% | 10\% | -2.1\% | -6.1\% |
| [KOHES | 3.26 | 41\% | 7\% | 4\% | 13\% | 9\% | 1.0\% | -4.9\% |



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## Tortal Solesicin millions

$\$ 45,000$


## U.S. Apparel Refail Market Share



## Sales Mix (dosest competifors)



## Numbenofstores



## U.S. Stores Geogrophic Distribution



## Comparable Store Soles Growth



## Avg. Selling Square Foorage per Store



## Sales per Selling Square Foot

\$500.00
\$450.00
$\$ 400.00$
\$350.00
\$300.00
\$250.00
\$200.00
\$150.00
\$100.00
\$50.00







| 2015-2020 AVG |  |
| :---: | :---: |
| TJ.MONXX | $\$ 395$ |
| ROSESS FOR Less | $\$ 383$ |
| Burlington | $\$ 158$ |

Source: Company Filings

## Avg. \# of Fmployees per Selling Sq.



## Net Income per Selling Sq. Foot




## Seculartanlwinds

## The Decline of Department Stores

- Compete directly with brands wanting to go DTC, and online retailers
- Department stores continue to suffer from lower foot traffic
- Changing demographics and shopping preferences
- Unsold apparel is purchased at discounted prices by off-price retailers
(in billions of USD)



## Differentiated Approach

- Stores strategically located in suburban locations next to other big box stores that drive traffic
- Unique in-store treasure hunt experience drives traffic to stores
- Insulated from e-commerce
- Constantly changing inventory generates repeat purchases from bargain hunters


Same-store Sales Growth


## Same-store Sales Growth

- Established brands continue to struggle selling inventory at full prices, giving Ross better inventory to sell
- Ross fulfills growing desire for bargain merchandise
- Grew same store sales at $3.6 \%$ in 5 years prior to the pandemic

Potential Store Growth (100 per year)


## Potential for Store Growth

- Stores have grown at $6 \%$ in past ten years
- Management expects to add 90100 stores (4-5\% growth) until they reach 3,000 stores


## 2055 BOSSNaBLISSs

 d
## Valuation



## 2055 press Bossiabliss

d
Value Bands

## Price to Solles




## Price to forminges



## Price to free Gelshflow



40x
$30 x$

20x

10x


## Ev to Soles


1.0x

## EV to ABH




## fV to ABHTOA



## fy to Free Gouhtlow



## Free Geshflow Yield



40, Mo ec,


## Forward Price to Earninge


$15 x$


Forword EV io ABHDA .


## Intraportfolfo Analysis






## EV to FBITDA



## EV 10 Filt






## Forward Price to Soles






$107$


$109$






## 5 Year Valuation Modelf Inputs (Saless

|  | 2018 |  | 2019 |  | 2020 |  | 2021 |  | 2022E |  | 2023E |  | 2024E |  | 2025E |  | 2026E |  | CAGR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Sales per Store (\$ mil) | \$ | 9.2 | \$ | 9.3 | \$ | 6.9 | \$ | 9.8 | \$ | 9.6 | \$ | 9.9 | \$ | 10.3 | \$ | 10.8 | \$ | 11.2 | 3.2\% |
| Ross Stores |  | 1409 |  | 1480 |  | 1546 |  | 1585 |  | 1664 |  | 1747 |  | 1835 |  | 1927 |  | 2023 | 5.0\% |
| dd's Stores |  | 213 |  | 237 |  | 259 |  | 274 |  | 295 |  | 317 |  | 340 |  | 366 |  | 393 | 7.5\% |
| Total Stores |  | 1622 |  | 1717 |  | 1805 |  | 1859 |  | 1959 |  | 2064 |  | 2175 |  | 2292 |  | 2416 | 5.4\% |
| Total Net Sales (Stores*Sales) | \$ | 14,984 | \$ | 16,039 | \$ | 12,532 | \$ | 18,145 | \$ | 18,737 | \$ | 20,534 | \$ | 22,505 | \$ | 4,667 | \$ | 27,038 | 8.3\% |
| Sales YoY \% |  |  |  |  |  |  |  |  |  | 3.3\% |  | 9.6\% |  | 9.6\% |  | 9.6\% |  | 9.6\% |  |

- Same-store sales flat in 2022, then increase by $4 \%$ until

Sales YoY \%

2026

- Ross store count grows at 5\% yearly
- Dd's store count grows at $7.5 \%$ yearly
- Sales grow at a CAGR of $8.3 \%$


## 5 Year Valuation Modelf Inputs (Sales)

|  | 2018 |  | 2019 |  | 2020 |  | 2021 |  | 2022E |  | 2023E |  | 2024E |  | 2025E |  | 2026E |  | CAGR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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Sales YoY \%


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- Ross store count grows at $5 \%$ yearly
- Dd's store count grows at 7.5\% yearly
- Sales grow at a CAGR of 8.3\%



## 5 Year Voluation Model-Inputs (Earnings)



## 5 Year Valuation Mode) - Inputis (Earnings)



## 5 Year Valuation Model-Inputs (Earnings)

|  | 2022E | 2023E | 2024E | 2025E | 2026E | CAGR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Net Sales (Stores*Sales) | \$ 18,737 | \$20,534 | \$22,505 | \$24,667 | \$27,038 | 8.3\% |
| Sales YoY \% | 3.3\% | 9.6\% | 9.6\% | 9.6\% | 9.6\% |  |
| (-) COGS | \$ 13,490 | \$14,743 | \$16,113 | \$17,612 | \$19,251 | 8.0\% |
| Gross Profit | \$ 5,246 | \$ 5,791 | \$ 6,391 | \$ 7,055 | \$ 7,787 |  |
| Gross Margin | 28.0\% | 28.2\% | 28.4\% | 28.6\% | 28.8\% |  |
| (-) SG\&A | \$ 2,811 | \$ 3,121 | \$ 3,421 | \$ 3,749 | \$ 4,110 |  |
| Operating Income | \$ 2,436 | \$ 2,669 | \$ 2,971 | \$ 3,305 | \$ 3,677 | 10.4\% |
| Operating Margin | 13\% | 13\% | 13\% | 13\% | 14\% |  |
| (-) Interest Expense | \$ 85 | \$ 93 | \$ 104 | \$ 116 | \$ 129 |  |
| Pre-Tax Income | \$ 2,351 | \$ 2,576 | \$ 2,867 | \$ 3,190 | \$ 3,549 | 10.4\% |
| Income Taxes | \$ 517 | \$ 567 | \$ 631 | \$ 702 | \$ 781 |  |
| Tax Rate | 22.0\% | 22.0\% | 22.0\% | 22.0\% | 22.0\% |  |
| Net Income | \$ 1,833 | \$ 2,009 | \$ 2,236 | \$ 2,488 | \$ 2,768 | 11.7\% |
| Shares Outstanding | 344 | 337 | 330 | 324 | 317 |  |
| Earnings per Share | \$ 5.33 | \$ 5.96 | \$ 6.77 | \$ 7.68 | \$ 8.72 | 13.9\% |

## Total EPS Growth = 92\%

Sources of Expected EPS Growth (2021-2025)


Margin Imp ■ Store growth $■$ Buybacks $\llbracket$ Same-Store Sales

## 5 Year Valuation Model - Output

| Today's Price | \$ 95.48 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2022 |  | 2023 |  | 2024 |  | 2025 |  | 2026 |  |  |
| 15x EPS | \$ | 79.93 | \$ | 89.39 | \$ | 101.51 | \$ | 115.25 |  | \$ 130.83 | PV |
| Rate of Return Total |  | -16.3\% |  | -6.4\% |  | 6.3\% |  | 20.7\% |  | 37.0\% |  |
| Rate of Return (CAGR) |  | -16.3\% |  | -3.2\% |  | 2.1\% |  | 4.8\% |  | 6.5\% |  |
| 20x EPS | \$ | 106.58 | \$ | 119.18 | \$ | 135.34 | \$ | 153.66 |  | \$ 174.44 | \$118.72 |
| Rate of Return Total |  | 11.6\% |  | 24.8\% |  | 41.7\% |  | 60.9\% |  | 82.7\% |  |
| Rate of Return (CAGR) |  | 11.6\% |  | 11.7\% |  | 12.3\% |  | 12.6\% |  | 12.8\% |  |
| 25x EPS | \$ | 133.22 | \$ | 148.98 | \$ | 169.18 | \$ | 192.08 |  | \$ 218.05 | \$148.40 |
| Rate of Return Total |  | 39.5\% |  | 56.0\% |  | 77.2\% |  | 101.2\% |  | 128.4\% |  |
| Rate of Return (CAGR) |  | 39.5\% |  | 24.9\% |  | 21.0\% |  | 19.1\% |  | 18.0\% |  |

## 5 Year Valuation Model - Output



## 5 Year Valuation Model - Output



## 2055 press ROSS Norliss

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## Conclusion

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## Gondlusion

- Superb business model
- High ROIC vs other retailers
- Owned previously
- Attractive valuation
- Runway of growth

DRESS FOR LESS

## Gondlusion

We recommend writing puts,
or buying 200 more outright at
the current market price making
it 3\% of our portfolio


## Secular Tailwinds

## The Decline of Department Stores

- Changing demographics has led to a shift in consumer behavior
- Malls are no longer the primary shopping destination for teenagers
- This led to lower foot traffic in department stores primarily located in malls vs strip centers ( $7 \%$ points lower)

Number of department store locations in the US


## Long term EPS Growth

> Higher = Better


## Appendix

- Higher traffic rates at strip malls
- Why strip malls are becoming more popular among retailers | Modern Retail
- Strategic Promote Economic Efficiencies
- Inventory Pivot - Packaway Inventory can be shipped where demand is highest.


|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2015-2020 AVG |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ross | 3 | 3 | 3\% | 3\% | 3\% | 4\% | 4\% | 4\% | 4\% | 3\% |  | 3.6\% |
| TJX | 3 | 3 | 3 | 3\% | 2\% | 5\% | 5\% | 2\% | 3\% | 4\% | -4\% | 3.4\% |
| Burlington | \#DIV/0! | \#DIV/0! | 0 | 4.7\% | 5\% | 2\% | 5\% | 3\% | 3\% |  |  | 3.6\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Sales Mix |  |  |  |  |  |  | Sales Mix |  |  |  |
|  |  | Ross |  | TJX |  | Burlington |  |  | Ross | TJX | Burlington |  |
|  | Home Accents and |  | Clothing Including I | 50\% | Women's ready-to-u | 22\% |  | Clothing | 62\% | 50\% | 63\% |  |
|  | Ladies | 26\% | Jewelry and Access | 16\% | Accessories and foot | 22\% |  | Jewelry And Accesso | 13\% | 16\% | 22\% |  |
|  | Men's | 14\% | Home Fashions | 33\% | Menswear | 20\% |  | Home Décor | 25\% | 33\% | 15\% |  |
|  | Accessories, Lingeri | 13\% |  |  | Youth Apparel/baby | 16\% |  |  |  |  |  |  |
|  | Shoes | 13\% |  |  | Home | 15\% |  |  |  |  |  |  |
|  | Children | 9\% |  |  | Coat | 5\% |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| \# of Employees per Square Foot |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2015-2020 AVG |
| Ross | 0.0020 | 0.0021 | 0.0021 | 0.0023 | 0.0023 | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0024 | 0.0024 |
| TJX | 0.0025 | 0.0025 | 0.0026 | 0.0026 | 0.0026 | 0.0027 | 0.0028 | 0.0028 | 0.0030 | 0.0030 | 0.0034 | 0.0027 |
| Burlington | \#DIV/0! | \#DIV/0! | 0.0000 | 0.0009 | 0.0010 | 0.0009 | 0.0012 | 0.0012 | 0.0013 | 0.0015 | 0.0017 | 0.0011 |

