

Practical Skills Module: Financial Modeling

Analyzing

# **Blu Containers Company**

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CFAI In collaboration with FMI



### **Summary Outputs**

#### **SUMMARY VALUES - BASE CASE**

| (\$ Millions)       | Trend | 2020A | 2021A | 2022A   | 2023    | 2024    | 2025   | 2026    | 2027    |
|---------------------|-------|-------|-------|---------|---------|---------|--------|---------|---------|
| Income Statement It | ems   |       |       |         |         |         |        |         |         |
| Net Revenue         | ~~~   | \$214 | \$237 | \$205   | \$252   | \$234   | \$281  | \$281   | \$268   |
| Growth              |       |       | 10.8% | (13.4%) | 23.3%   | (7.5%)  | 20.4%  | (0.0%)  | (4.6%)  |
| EBITDA              | ~~    | \$50  | \$68  | \$33    | \$74    | \$47    | \$86   | \$77    | \$54    |
| Margin              |       | 23.5% | 28.9% | 16.2%   | 29.3%   | 20.2%   | 30.7%  | 27.3%   | 20.3%   |
| Growth              |       |       | 36.3% | (51.6%) | 123.2%  | (36.2%) | 83.5%  | (11.3%) | (29.2%) |
| Net Income          | ~~    | \$14  | \$24  | \$2     | \$34    | \$12    | \$42   | \$36    | \$20    |
| Margin              |       | 6.6%  | 10.0% | 1.1%    | 13.6%   | 5.3%    | 15.0%  | 12.8%   | 7.5%    |
| Growth              |       |       | 68.1% | (90.7%) | 1458.1% | (63.7%) | 239.9% | (14.7%) | (44.0%) |

#### **SUMMARY VALUES - BEST CASE**

|                      |       |       |       |         | Projected |         |        |        |         |
|----------------------|-------|-------|-------|---------|-----------|---------|--------|--------|---------|
| (\$ Millions)        | Trend | 2020A | 2021A | 2022A   | 2023      | 2024    | 2025   | 2026   | 2027    |
| Income Statement Ite | ems   |       |       |         |           |         |        |        |         |
| Net Revenue          | ~~~   | \$214 | \$237 | \$205   | \$264     | \$245   | \$297  | \$300  | \$282   |
| Growth               |       |       | 10.8% | (13.4%) | 29.0%     | (7.4%)  | 21.5%  | 1.1%   | (6.3%)  |
| EBITDA               | ~~~   | \$50  | \$68  | \$33    | \$86      | \$59    | \$102  | \$95   | \$71    |
| Margin               |       | 23.5% | 28.9% | 16.2%   | 32.4%     | 23.9%   | 34.3%  | 31.7%  | 25.1%   |
| Growth               |       |       | 36.3% | (51.6%) | 158.4%    | (31.6%) | 74.4%  | (6.7%) | (25.9%) |
| Net Income           | ~~~   | \$14  | \$24  | \$2     | \$43      | \$21    | \$55   | \$51   | \$34    |
| Margin               |       | 6.6%  | 10.0% | 1.1%    | 16.3%     | 8.7%    | 18.4%  | 17.0%  | 12.0%   |
| Growth               |       |       | 68.1% | (90.7%) | 1855.1%   | (50.6%) | 156.7% | (6.6%) | (33.5%) |

#### **SUMMARY VALUES - WORST CASE**

|                       |          |       |       |         | Projected |         |         |         |         |
|-----------------------|----------|-------|-------|---------|-----------|---------|---------|---------|---------|
| (\$ Millions)         | Trend    | 2020A | 2021A | 2022A   | 2023      | 2024    | 2025    | 2026    | 2027    |
| Income Statement Iter | ns       |       |       |         |           |         |         |         |         |
| Net Revenue           | ~~~      | \$214 | \$237 | \$205   | \$238     | \$220   | \$263   | \$260   | \$245   |
| Growth                |          |       | 10.8% | (13.4%) | 16.4%     | (7.7%)  | 19.3%   | (1.0%)  | (5.9%)  |
| EBITDA                | <b>^</b> | \$50  | \$68  | \$33    | \$61      | \$34    | \$68    | \$57    | \$34    |
| Margin                |          | 23.5% | 28.9% | 16.2%   | 25.5%     | 15.4%   | 26.0%   | 21.9%   | 14.0%   |
| Growth                |          |       | 36.3% | (51.6%) | 83.8%     | (44.3%) | 101.4%  | (16.4%) | (40.1%) |
| Net Income            | ~~~ "    | \$14  | \$24  | \$2     | \$24      | \$2     | \$28    | \$20    | \$3     |
| Margin                |          | 6.6%  | 10.0% | 1.1%    | 10.3%     | 1.0%    | 10.7%   | 7.8%    | 1.4%    |
| Growth                |          |       | 68.1% | (90.7%) | 1013.5%   | (90.8%) | 1143.3% | (27.8%) | (83.3%) |

### **Inputs and Assumptions**

### GENERAL

- First year of forecast in financial model: 2023
- Three scenarios have been used for Inflation, Product Pricing and sales volume growth

### PRODUCT PRICING

- The product pricing cases used in the model are as follows:

| Pricing Case | <u> 2023 - 2027</u> |
|--------------|---------------------|
| Base Case    | Research Forecast   |
| Best Case    | +4%                 |
| Worst Case   | (4%)                |

| COSTS            |             |          |                            |
|------------------|-------------|----------|----------------------------|
| Cost Item        | <u>2023</u> |          | <u>Increases</u>           |
| Raw Materials    | \$226.0     | per Unit | Inflation on a unit basis  |
| Utilities        | \$66.2      | per Unit | Inflation on a unit basis  |
| Rent             | \$23.5      | MM       | Inflation on a total basis |
| Operating Labour | \$43.5      | MM       | Inflation on a total basis |
| Other            | \$2.0       | MM       | Inflation on a total basis |
| SG&A             | \$3.9       | MM       | Inflation on a total basis |

| DEPRECIATION   |               |
|--|---------------|
| - Depreciation Methodology Used:                       | Straight Line |
| - Years remaining for depreciation of existing assets: | 25            |
| - Years used for depreciation of new assets:           | 30            |

| EQUITY  |         |
|---|---------|
| Stock Price - 03/30/25                        | \$11.50 |
| Fully Diluted Shares O/S (MM) - Dec. 31, 2022 | 14.80   |
| Common Dividend Payout Rate                   | 20.0%   |

| 420 |
|-----|
| 420 |
|     |
|     |

| INTEREST RATES                             |      |
|--|------|
|  |      |
| Interest earned on Cash balances:          | 1.0% |
| Interest rate on Bank Revolver:            | 6.0% |
| Interest rate on Senior Secured Term Debt: | 6.0% |
|  |      |
|  |      |
|  |      |

| TAXES   |       |
|---|-------|
|   |       |
| Tax rate assumed in the model:                    | 25.0% |
| Additional tax assumptions in "Other Assumptions" | box   |

### Inputs and Assumptions

| OTHER ASSUMPTIONS                       |        | 2023     | 2024     | 2025     | 2026     | 202     |
|---|--------|----------|----------|----------|----------|---------|
| Income Statement                        |        |          |          |          |          |         |
| Cost Adjustments - Gain/(Loss)          | MM     | \$0.0    | \$0.0    | \$0.0    | \$0.0    | \$0.0   |
| Cash Flow Statement                     |        |          |          |          |          |         |
| Investing Activities - Other            | MM     | \$0.0    | \$0.0    | \$0.0    | \$0.0    | \$0.0   |
| Capital Expenditures                    | MM     | \$16.0   | \$17.0   | \$17.3   | \$17.5   | \$18.0  |
| Income Tax                              |        |          |          |          |          |         |
| Reduction in EBT for timing differences | MM     | \$5.0    | \$5.0    | \$5.0    | \$5.0    | \$5.0   |
| Working Capital Days                    |        |          |          |          |          |         |
| Accounts Receivable                     | days   | 48.0     | 44.0     | 40.0     | 40.0     | 40.0    |
| Inventories                             | days   | 70.0     | 65.0     | 60.0     | 60.0     | 55.0    |
| Prepaid Expenses                        | days   | 30.0     | 30.0     | 30.0     | 30.0     | 30.0    |
| Other Assets                            | days   | 3.0      | 3.0      | 3.0      | 3.0      | 3.0     |
| Accounts Payable                        | days   | 40.0     | 40.0     | 40.0     | 40.0     | 40.0    |
| Other Liabilities                       | days   | 10.0     | 10.0     | 10.0     | 10.0     | 10.0    |
| Change in Debt & Equity                 |        |          |          |          |          |         |
| Senior Term Debt Issuance / (Repaymer   | it) MM | (\$25.0) | (\$25.0) | (\$25.0) | (\$25.0) | (\$25.0 |
| Common Stock Issuance / (Buy-back)      | MM     | \$0.0    | \$0.0    | \$0.0    | \$0.0    | \$0.0   |

### **Economic and Sales Scenarios**

|                  |            | <u> </u> |      |      |      |      |
|------------------|------------|----------|------|------|------|------|
| SCENARIO SWITCH: | Worst Case | 2023     | 2024 | 2025 | 2026 | 2027 |

### **ECONOMIC SCENARIOS**

| Cost Inflation | Live Case -> | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% |
|----------------|--------------|------|------|------|------|------|
| Base Case      |              | 2.0% | 2.0% | 2.0% | 2.5% | 2.5% |
| Best Case      |              | 1.8% | 1.8% | 1.8% | 2.0% | 2.0% |
| Worst Case     |              | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% |

### **SALES SCENARIOS**

#### Sales Price - \$/Unit

Base Case
Best Case
Worst Case

| 768.0 | 696.0 | 792.0 | 768.0 | 720.0 |
|-------|-------|-------|-------|-------|
| 800.0 | 725.0 | 825.0 | 800.0 | 750.0 |
| 832.0 | 754.0 | 858.0 | 832.0 | 780.0 |
| 768.0 | 696.0 | 792.0 | 768.0 | 720.0 |

#### **Sales Volume Growth**

Base Case Best Case Worst Case

| 4.0% | 4.0% | 3.0% | 3.0% | 2.0% |
|------|------|------|------|------|
| 5.0% | 4.0% | 4.0% | 4.0% | 4.0% |
| 5.0% | 4.0% | 5.0% | 5.0% | 4.0% |
| 4.0% | 4.0% | 3.0% | 3.0% | 2.0% |

### **Revenue Schedule**

|                                      |               |       |       |         |         | ı       | Projected |         |         |         |
|--------------------------------------|---------------|-------|-------|---------|---------|---------|-----------|---------|---------|---------|
|                                      |               | 2020A | 2021A | 2022A   | 2023    | 2024    | 2025      | 2026    | 2027    | =       |
| Pricing                              |               |       |       |         |         |         |           |         |         |         |
| Gross Sales Price                    | (\$/unit)     |       |       | 694.4   | 768.0   | 696.0   | 792.0     | 768.0   | 720.0   |         |
| Cost Inflation                       | (%)           |       |       |         | 2.5%    | 2.5%    | 2.5%      | 2.5%    | 2.5%    |         |
| Freight & Warehousing                | (\$/unit)     |       |       | 100.0   | 102.5   | 105.1   | 107.7     | 110.4   | 113.1   |         |
| Net Sales Price                      | (\$/unit)     |       |       | 594.4   | 665.5   | 590.9   | 684.3     | 657.6   | 606.9   |         |
| Sales Volume Annual Factory Capacity | (000's units) |       |       |         | 420.0   | 420.0   | 420.0     | 420.0   | 420.0   | -       |
| Sales Volume Growth                  | (%)           |       |       |         | 4.0%    | 4.0%    | 3.0%      | 3.0%    | 2.0%    |         |
| Annual Sales Volume                  | (000's units) |       |       | 344.5   | 358.2   | 372.6   | 383.8     | 395.3   |         | <- here |
| Implied Operating Rate               |               |       |       |         | 85.3%   | 88.7%   | 91.4%     | 94.1%   | 96.0%   |         |
| Revenue                              |               |       |       |         |         |         |           |         |         | _       |
| Gross Revenue                        | (\$ MM)       |       |       | 239.2   | 275.1   | 259.3   | 303.9     | 303.6   | 290.3   |         |
| Freight & Warehousing                | (\$ MM)       |       |       | 34.4    | 36.7    | 39.1    | 41.3      | 43.6    | 45.6    |         |
| Net Revenue                          | (\$ MM)       |       |       | \$204.8 | \$238.4 | \$220.2 | \$262.6   | \$259.9 | \$244.7 | _       |

**Currently Running: Worst Case Scenario** 

# **Blu Containers Company**

**Costs of Production Schedule** 

|                     |               |               |          |       |       | F     | Projected |       |       |
|---------------------|---------------|---------------|----------|-------|-------|-------|-----------|-------|-------|
|                     |               | 2020A         | 2021A    | 2022A | 2023  | 2024  | 2025      | 2026  | 2027  |
| Annual Sales Volume | (000's units) | Repeated from | above -> | 344.5 | 358.2 | 372.6 | 383.8     | 395.3 | 403.2 |
| Cost Inflation      | (%)           | Repeated from | above -> |       |       | 2.5%  | 2.5%      | 2.5%  | 2.5%  |

#### **COSTS PER UNIT**

Variable Costs

<- Follow th

| Raw Materials | (\$/unit) | These vals are pulled from assumptions -> | 226.0 | 231.7 | 237.4 | 243.4 | 249.5 |
|---------------|-----------|---|-------|-------|-------|-------|-------|
| Utilities     | (\$/unit) | These vals are pulled from assumptions -> | 66.2  | 67.9  | 69.6  | 71.3  | 73.1  |

| <b>Total Variable Costs</b>   | (\$/unit)                            |   | 292.2                        | 299.5                 | 307.0                        | 314.7                        | 322.5                  |         |
|---|--------------------------------------|---|------------------------------|-----------------------|------------------------------|------------------------------|------------------------|---------|
| Fixed Costs   |                                      |   |                              |                       |                              |                              |                        |         |
| Rent  | (\$/unit)                            |   | 65.6                         | 64.7                  | 64.3                         | 64.0                         | 64.3                   |         |
| Operating Labour  | (\$/unit)                            |   | 121.4                        | 119.7                 | 119.1                        | 118.5                        | 119.1                  |         |
| Other   | (\$/unit)                            |   | 5.6                          | 5.5                   | 5.5                          | 5.4                          | 5.5                    |         |
| <b>Total Fixed Costs</b>  | (\$/unit)                            |   | 192.6                        | 189.8                 | 188.9                        | 188.0                        | 188.9                  |         |
| <b>Total Costs</b>  | (\$/unit)                            |   | \$484.8                      | \$489.3               | \$495.9                      | \$502.7                      | \$511.4                |         |
| COSTS IN MILLIONS Variable Costs Raw Materials Utilities Total Variable Costs | (\$ MM)<br>(\$ MM)<br><b>(\$ MM)</b> |   | 81.0<br>23.7<br><b>104.7</b> | 86.3<br>25.3<br>111.6 | 91.1<br>26.7<br><b>117.8</b> | 96.2<br>28.2<br><b>124.4</b> | 100.6<br>29.5<br>130.0 | <- We a |
| Fixed Costs   |                                      |   |                              |                       |                              |                              |                        |         |
| Rent  | (\$ MM)                              | These vals are pulled from assumptions -> | 23.5                         | 24.1                  | 24.7                         | 25.3                         | 25.9                   |         |
| Operating Labour  | (\$ MM)                              | These vals are pulled from assumptions -> | 43.5                         | 44.6                  | 45.7                         | 46.8                         | 48.0                   |         |
| Other   | (\$ MM)                              | These vals are pulled from assumptions -> | 2.0                          | 2.1                   | 2.1                          | 2.2                          | 2.2                    |         |
| <b>Total Fixed Costs</b>  | (\$ MM)                              |   | 69.0                         | 70.7                  | 72.5                         | 74.3                         | 76.2                   |         |
| Total Costs   | (\$ MM)                              |   | \$173.7                      | \$182.3               | \$190.3                      | \$198.7                      | \$206.2                |         |

### **Blu Containers Company**

### **Income Statement**

| (\$ Millions)              |               |       |       |       |       |       |           |       |       |
|----------------------------|---------------|-------|-------|-------|-------|-------|-----------|-------|-------|
|                            |               |       |       |       |       | F     | Projected |       |       |
|                            |               | 2020A | 2021A | 2022A | 2023  | 2024  | 2025      | 2026  | 2027  |
| Sales Volume               | (000's units) |       |       | 344.5 | 358.2 | 372.6 | 383.8     | 395.3 | 403.2 |
| Revenue                    |               |       |       |       |       |       |           |       |       |
| Gross Revenue              |               | 244.8 | 269.3 | 239.2 | 275.1 | 259.3 | 303.9     | 303.6 | 290.3 |
| Freight & Warehousing      |               | 31.3  | 32.7  | 34.4  | 36.7  | 39.1  | 41.3      | 43.6  | 45.6  |
| Net Revenue                | _             | 213.5 | 236.6 | 204.8 | 238.4 | 220.2 | 262.6     | 259.9 | 244.7 |
| Cost of Sales              |               | 159.9 | 164.6 | 167.9 | 173.7 | 182.3 | 190.3     | 198.7 | 206.2 |
| S,G & A                    |               | 3.4   | 3.6   | 3.8   | 3.9   | 4.0   | 4.1       | 4.2   | 4.3   |
| <b>Total Costs</b>         | _             | 163.3 | 168.2 | 171.7 | 177.6 | 186.3 | 194.4     | 202.9 | 210.5 |
| Cost Adjustments - Gain/(L | .oss)         | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0       | 0.0   | 0.0   |
| EBITDA                     | ·             | 50.2  | 68.4  | 33.1  | 60.8  | 33.9  | 68.2      | 57.1  | 34.2  |

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| Depreciation          | 15.4   | 15.5   | 15.8  | 16.2   | 16.7  | 17.3   | 17.9   | 18.5  |
|-----------------------|--------|--------|-------|--------|-------|--------|--------|-------|
| EBIT                  | 34.8   | 52.9   | 17.3  | 44.7   | 17.1  | 50.9   | 39.2   | 15.7  |
| Interest Expense      | 15.0   | 15.0   | 14.0  | 12.0   | 14.1  | 13.6   | 12.2   | 11.2  |
| EBT                   | 19.8   | 37.9   | 3.3   | 32.7   | 3.0   | 37.3   | 27.0   | 4.5   |
| Current Income Taxes  | 3.0    | 8.0    | 0.0   | 6.9    | (0.5) | 8.1    | 5.5    | (0.1) |
| Deferred Income Taxes | 2.7    | 6.2    | 1.1   | 1.3    | 1.3   | 1.3    | 1.3    | 1.3   |
| Total Income Taxes    | 5.7    | 14.2   | 1.1   | 8.2    | 0.8   | 9.3    | 6.7    | 1.1   |
| Net Income            | \$14.1 | \$23.7 | \$2.2 | \$24.5 | \$2.3 | \$28.0 | \$20.2 | \$3.4 |
| Margins               |        |        |       |        |       |        |        |       |
| EBITDA Margin         | 23.5%  | 28.9%  | 16.2% | 25.5%  | 15.4% | 26.0%  | 21.9%  | 14.0% |
| EBIT Margin           | 16.3%  | 22.4%  | 8.4%  | 18.7%  | 7.8%  | 19.4%  | 15.1%  | 6.4%  |
| Return on Equity      |        |        | 0.9%  | 0.9%   | 8.8%  | 0.8%   | 9.3%   | 6.3%  |

### **Blu Containers Company**

### **Cash Flow Statement**

| (\$ Millions)                      |        |        |        |        |        |          |        |        |
|------------------------------------|--------|--------|--------|--------|--------|----------|--------|--------|
|                                    |        |        |        |        | P      | rojected |        |        |
|                                    | 2020A  | 2021A  | 2022A  | 2023   | 2024   | 2025     | 2026   | 2027   |
| Operating Activities               |        |        |        |        |        |          |        |        |
| Net Income                         | 14.1   | 23.7   | 2.2    | 24.5   | 2.3    | 28.0     | 20.2   | 3.4    |
| Depreciation & Amortization        | 15.4   | 15.5   | 15.8   | 16.2   | 16.7   | 17.3     | 17.9   | 18.5   |
| Deferred Income Taxes              | 2.7    | 6.2    | 1.1    | 1.3    | 1.3    | 1.3      | 1.3    | 1.3    |
| Changes in working capital         | 0.0    | 0.0    | 0.0    | (56.9) | 6.2    | (8.0)    | (0.7)  | 3.6    |
| Operating Cash Flow                | 32.2   | 45.4   | 19.1   | (15.0) | 26.4   | 45.7     | 38.6   | 26.7   |
| Investing Activities               |        |        |        |        |        |          |        |        |
| CAPEX                              | (14.1) | (15.0) | (15.5) | (16.0) | (17.0) | (17.3)   | (17.5) | (18.0) |
| Other                              | (5.0)  | 4.0    | 3.0    | 0.0    | 0.0    | 0.0      | 0.0    | 0.0    |
| Investing Cash Flow                | (19.1) | (11.0) | (12.5) | (16.0) | (17.0) | (17.3)   | (17.5) | (18.0) |
| Financing Activities               |        |        |        |        |        |          |        |        |
| Revolver Issuance / (Repayment)    | 0.0    | 0.0    | 0.0    | 60.6   | 16.0   | 2.2      | 7.9    | 15.6   |
| Term Debt Issuance / (Repayment)   | (25.0) | (25.0) | (25.0) | (25.0) | (25.0) | (25.0)   | (25.0) | (25.0) |
| Common Shares Issuance/ (Buy-Back) | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0      | 0.0    | 0.0    |
| Common Dividends                   | (2.8)  | (4.7)  | (2.4)  | (4.9)  | (0.5)  | (5.6)    | (4.0)  | (0.7)  |
| Financing Cash Flow                | (27.8) | (29.7) | (27.4) | 30.7   | (9.4)  | (28.4)   | (21.1) | (10.1) |

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| Change in the Cash Position | (14.7)      | 4.7         | (20.8)      | (0.3)      | 0.0 | 0.0        | 1.4 | (1.4)      |
|-----------------------------|-------------|-------------|-------------|------------|-----|------------|-----|------------|
| Beginning Cash              | <u>31.1</u> | <u>16.4</u> | <u>21.1</u> | <u>0.3</u> | 0.0 | <u>0.0</u> | 0.0 | <u>1.4</u> |
| Ending Cash                 | 16.4        | 21.1        | 0.3         | 0.0        | 0.0 | 0.0        | 1.4 | 0.0        |

# Blu Containers Company Balance Sheet

| (\$ Millions)               |         |         |         |         |         | Projected   |             |         |
|-----------------------------|---------|---------|---------|---------|---------|-------------|-------------|---------|
|                             | 2020A   | 2021A   | 2022A   | 2023    | 2024    | 2025        | 2026        | 2027    |
| ASSETS                      |         |         |         |         |         |             |             |         |
| Cash                        | 16.4    | 21.1    | 0.3     | 0.0     | 0.0     | 0.0         | 1.4         | 0.0     |
| Accounts Receivable         | 27.0    | 27.8    | 28.3    | 31.4    | 26.5    | 28.8        | 28.5        | 26.8    |
| Inventory                   | 36.5    | 36.1    | 35.1    | 33.3    | 32.4    | 31.3        | 32.7        | 31.1    |
| Prepaid Expenses            | 14.6    | 14.4    | 14.9    | 14.3    | 14.9    | 15.6        | 16.3        | 16.9    |
| Other                       | 1.4     | 1.8     | 1.2     | 1.4     | 1.5     | 1.6         | 1.6         | 1.7     |
| Total Current Assets        | 95.9    | 101.2   | 79.8    | 80.4    | 75.3    | 77.3        | 80.5        | 76.5    |
| Net PP&E                    | 398.5   | 398.0   | 397.7   | 397.5   | 397.8   | 397.8       | 397.4       | 397.0   |
| Other                       | 19.0    | 15.0    | 12.0    | 12.0    | 12.0    | 12.0        | 12.0        | 12.0    |
| Total Long Term Assets      | 417.5   | 413.0   | 409.7   | 409.5   | 409.8   | 409.8       | 409.4       | 409.0   |
| Total Assets                | \$513.4 | \$514.2 | \$489.5 | \$489.9 | \$485.1 | \$487.1     | \$489.9     | \$485.5 |
| LIABILITIES AND EQUITY      |         |         |         |         |         |             |             |         |
| Bank Debt - Revolver        | 0.0     | 0.0     | 0.0     | 60.6    | 76.6    | 78.8        | 86.7        | 102.2   |
| Accounts Payable            | 18.3    | 18.7    | 18.2    | 19.0    | 19.9    | 20.9        | 21.8        | 22.6    |
| Other                       | 4.7     | 4.9     | 4.8     | 4.8     | 5.0     | 20.9<br>5.2 | 21.6<br>5.4 | 5.6     |
| Total Current Liabilities   | 23.0    | 23.6    | 23.0    | 84.3    | 101.5   | 104.8       | 113.9       | 130.5   |
| Deferred Income Taxes       | 0.7     | 6.9     | 8.0     | 9.3     | 10.5    | 11.8        | 13.0        | 14.3    |
| Senior Secured Term Debt    | 250.0   | 225.0   | 200.0   | 175.0   | 150.0   | 125.0       | 100.0       | 75.0    |
| Total Long Term Liabilities | 250.7   | 231.9   | 208.0   | 184.3   | 160.5   | 136.8       | 113.0       | 89.3    |
| Total Liabilities           | 273.7   | 255.5   | 231.0   | 268.6   | 262.0   | 241.6       | 226.9       | 219.7   |
| Common Shares               | 120.0   | 120.0   | 120.0   | 120.0   | 120.0   | 120.0       | 120.0       | 120.0   |
| Retained Earnings           | 119.7   | 138.7   | 138.5   | 158.1   | 159.9   | 182.3       | 198.5       | 201.2   |
| Shareholder's Equity        | 239.7   | 258.7   | 258.5   | 278.1   | 279.9   | 302.3       | 318.5       | 321.2   |

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| Total Liabilities and Equity | \$513.4 | \$514.2 | \$489.5 | \$546.7 | \$541.9 | \$543.9 | \$545.3 | \$540.9 |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| • •                          |         |         |         |         |         |         |         |         |

## **Blu Containers Company**

### **Depreciation Schedule**

| (\$ Millions)                       |       |       |       |           | _      |        |        |        |  |
|-------------------------------------|-------|-------|-------|-----------|--------|--------|--------|--------|--|
|                                     |       |       |       | Projected |        |        |        |        |  |
|                                     | 2020A | 2021A | 2022A | 2023      | 2024   | 2025   | 2026   | 2027   |  |
| Years Remaining Existing Assets: 25 |       |       |       |           |        |        |        |        |  |
| Depreciation Years on New Assets 30 |       |       |       |           |        |        |        |        |  |
| Depreciation to Existing Assets     |       |       |       | \$15.9    | \$15.9 | \$15.9 | \$15.9 | \$15.9 |  |
| CAPEX                               |       |       |       |           |        |        |        |        |  |
| 2023 \$16.0                         |       |       |       | 0.3       | 0.5    | 0.5    | 0.5    | 0.5    |  |
| 2024 \$17.0                         |       |       |       |           | 0.3    | 0.6    | 0.6    | 0.6    |  |
| 2025 \$17.3                         |       |       |       |           |        | 0.3    | 0.6    | 0.6    |  |
| 2026 \$17.5                         |       |       |       |           |        |        | 0.3    | 0.6    |  |
| 2027 \$18.0                         |       |       |       |           |        |        |        | 0.3    |  |
| Total Depreciation                  |       |       |       | \$16.2    | \$16.7 | \$17.3 | \$17.9 | \$18.5 |  |

**Currently Running: Worst Case Scenario** 

### **Blu Containers Company**

### **Income Tax Schedule**

| (\$ Millions)                                |                   |          |         |          |        |         |
|--|-------------------|----------|---------|----------|--------|---------|
|  |                   |          | P       | rojected |        |         |
| Tax Rate 25.0%                               |                   | <br>2023 | 2024    | 2025     | 2026   | 2027    |
| Accounting EBT (as is on I/S)                | Α                 | \$32.7   | \$3.0   | \$37.3   | \$27.0 | \$4.5   |
| Less: Reduction in EBT for timing difference | es <sup>(1)</sup> | 5.0      | 5.0     | 5.0      | 5.0    | 5.0     |
| Government EBT                               | В                 | \$27.7   | (\$2.0) | \$32.3   | \$22.0 | (\$0.5) |
| Accounting Taxes (25% of A)                  |                   | 8.2      | 0.8     | 9.3      | 6.7    | 1.1     |

Taxes as Appearing on Income Statement

| Current Tax (25% of B)                              | 6.9 | (0.5) | 8.1 | 5.5 | (0.1) |
|---|-----|-------|-----|-----|-------|
| Increase (Decrease) in Deferred Income Taxes        | 1.3 | 1.3   | 1.3 | 1.3 | 1.3   |
| Total Income Taxes (Same as Accounting Taxes Above) | 8.2 | 0.8   | 9.3 | 6.7 | 1.1   |

<sup>(1)</sup> Assumes aggregate reduction in government pre-tax earnings due to timing differences between accounting and government rules.

# Blu Containers Company Working Capital Schedule

| (\$ Millions)             |         |       |        |          |          | P     | rojected |         |       |
|---------------------------|---------|-------|--------|----------|----------|-------|----------|---------|-------|
|                           | 2       | 2020A | 2021A  | 2022A    | 2023     | 2024  | 2025     | 2026    | 2027  |
| Days per Year             | (days)  |       | 365    | 365      | 365      | 366   | 365      | 365     | 365   |
| Income Statement Items    |         |       |        |          |          |       |          |         |       |
| Net Revenue               | (\$ MM) |       | 236.6  | 204.8    | 238.4    | 220.2 | 262.6    | 259.9   | 244.7 |
| Cost of Sales             | (\$ MM) |       | 164.6  | 167.9    | 173.7    | 182.3 | 190.3    | 198.7   | 206.2 |
| Days In                   |         |       |        |          |          |       |          |         |       |
| Accounts Receivable       | (days)  |       | 42.9   | 50.4     | 48.0     | 44.0  | 40.0     | 40.0    | 40.0  |
| Inventories               | (days)  |       | 80.1   | 76.3     | 70.0     | 65.0  | 60.0     | 60.0    | 55.0  |
| Prepaid Expenses          | (days)  |       | 31.9   | 32.4     | 30.0     | 30.0  | 30.0     | 30.0    | 30.0  |
| Other Assets              | (days)  |       | 4.0    | 2.6      | 3.0      | 3.0   | 3.0      | 3.0     | 3.0   |
| Accounts Payable          | (days)  |       | 224.4  | 173.5    | 40.0     | 40.0  | 40.0     | 40.0    | 40.0  |
| Other Liabilities         | (days)  |       | 0.0    | 0.0      | 10.0     | 10.0  | 10.0     | 10.0    | 10.0  |
| Account Balances          |         |       |        |          |          |       |          |         |       |
| Accounts Receivable       | (\$ MM) |       | 27.8   | 28.3     | 31.4     | 26.5  | 28.8     | 28.5    | 26.8  |
| Inventories               | (\$ MM) |       | 36.1   | 35.1     | 33.3     | 32.4  | 31.3     | 32.7    | 31.1  |
| Prepaid Expenses          | (\$ MM) |       | 14.4   | 14.9     | 14.3     | 14.9  | 15.6     | 16.3    | 16.9  |
| Other Assets              | (\$ MM) |       | 1.8    | 1.2      | 1.4      | 1.5   | 1.6      | 1.6     | 1.7   |
| Accounts Payable          | (\$ MM) |       | 101.2  | 79.8     | 19.0     | 19.9  | 20.9     | 21.8    | 22.6  |
| Other Liabilities         | (\$ MM) |       | 0.0    | 0.0      | 4.8      | 5.0   | 5.2      | 5.4     | 5.6   |
| Net Working Capital       | (\$ MM) |       | (21.1) | (0.3)    | 56.6     | 50.4  | 51.2     | 51.9    | 48.3  |
| Change in Working Capital | (\$ MM) |       |        | (\$20.8) | (\$56.9) | \$6.2 | (\$0.8)  | (\$0.7) | \$3.6 |

**Currently Running: Worst Case Scenario** 

# Blu Containers Company Debt and Interest Schedule

(\$ Millions)

|   |         | Projected Projected |          |         |         |          |  |  |
|---|---------|---------------------|----------|---------|---------|----------|--|--|
|   | 2022A   | 2023                | 2024     | 2025    | 2026    | 2027     |  |  |
| FINANCING COMPONENT                             |         |                     |          |         |         |          |  |  |
| Cash  |         |                     |          |         |         |          |  |  |
| Amount Outstanding - Beginning                  |         | 0.3                 | 0.0      | 0.0     | 0.0     | 1.4      |  |  |
| Change in Cash                                  |         | (0.3)               | 0.0      | 0.0     | 1.4     | (1.4)    |  |  |
| Amount Outstanding - Ending                     | \$0.3   | \$0.0               | \$0.0    | \$0.0   | \$1.4   | \$0.0    |  |  |
| Interest Rate                                   |         | 1.0%                | 1.0%     | 1.0%    | 1.0%    | 1.0%     |  |  |
| Annual Interest Income                          |         | \$0.0               | \$0.0    | \$0.0   | \$0.0   | \$0.0    |  |  |
| Revolver  |         |                     |          |         |         |          |  |  |
| Operating Cash Flow                             |         | (15.0)              | 26.4     | 45.7    | 38.6    | 26.7     |  |  |
| Investing Cash Flow                             |         | (16.0)              | (17.0)   | (17.3)  | (17.5)  | (18.0)   |  |  |
| Mandatory Debt Repayments                       |         | (25.0)              | (25.0)   | (25.0)  | (25.0)  | (25.0)   |  |  |
| Common Stock Issuance / (Buy-back)              |         | 0.0                 | 0.0      | 0.0     | 0.0     | 0.0      |  |  |
| Dividends                                       |         | (4.9)               | (0.5)    | (5.6)   | (4.0)   | (0.7)    |  |  |
| FCF After Mandatory Debt Repayment and Dividend |         | (\$60.9)            | (\$16.0) | (\$2.2) | (\$7.9) | (\$17.0) |  |  |
| Revolver Outstanding - Beginning                |         | 0.0                 | 60.6     | 76.6    | 78.8    | 86.7     |  |  |
| Additions / (Repayments)                        |         | 60.6                | 16.0     | 2.2     | 7.9     | 15.6     |  |  |
| Revolver Outstanding - Ending                   | \$0.0   | \$60.6              | \$76.6   | \$78.8  | \$86.7  | \$102.2  |  |  |
| Interest Rate                                   |         | 6.0%                | 6.0%     | 6.0%    | 6.0%    | 6.0%     |  |  |
| Annual Interest Expense                         |         | \$0.0               | \$3.6    | \$4.6   | \$4.7   | \$5.2    |  |  |
| Senior Secured Term Debt                        |         |                     |          |         |         |          |  |  |
| Amount Outstanding - Beginning                  |         | 200.0               | 175.0    | 150.0   | 125.0   | 100.0    |  |  |
| Additions / (Repayments)                        |         | (25.0)              | (25.0)   | (25.0)  | (25.0)  | (25.0)   |  |  |
| Amount Outstanding - Ending                     | \$200.0 | \$175.0             | \$150.0  | \$125.0 | \$100.0 | \$75.0   |  |  |
| Interest Rate                                   |         | 6.0%                | 6.0%     | 6.0%    | 6.0%    | 6.0%     |  |  |
| Annual Interest Expense                         |         | \$12.0              | \$10.5   | \$9.0   | \$7.5   | \$6.0    |  |  |
|   | _       |                     |          |         |         |          |  |  |
| Net Interest Expense                            | _       | \$12.0              | \$14.1   | \$13.6  | \$12.2  | \$11.2   |  |  |

### Blu Containers Company Shareholders' Equity Schedule

(\$ Millions)

Projected
2022A 2023 2024 2025 2026 2027

| Common Shares                  |         |         |         |         |         |         |
|--------------------------------|---------|---------|---------|---------|---------|---------|
| Amount Outstanding - Beginning |         | 120.0   | 120.0   | 120.0   | 120.0   | 120.0   |
| New Issuance / (Buy-Back)      |         | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Amount Outstanding - Ending    | \$120.0 | \$120.0 | \$120.0 | \$120.0 | \$120.0 | \$120.0 |
| Dividend Payout Rate           |         | 20.0%   | 20.0%   | 20.0%   | 20.0%   | 20.0%   |
| Net Income                     |         | 24.5    | 2.3     | 28.0    | 20.2    | 3.4     |
| Common Dividend                |         | \$4.9   | \$0.5   | \$5.6   | \$4.0   | \$0.7   |
|                                |         |         |         |         |         |         |
| Retained Earnings              |         |         |         |         |         |         |
| Amount Outstanding - Beginning |         | 138.5   | 158.1   | 159.9   | 182.3   | 198.5   |
| Net Income                     |         | 24.5    | 2.3     | 28.0    | 20.2    | 3.4     |
| Common Dividend                |         | (4.9)   | (0.5)   | (5.6)   | (4.0)   | (0.7)   |
| Amount Outstanding - Ending    | \$138.5 | \$158.1 | \$159.9 | \$182.3 | \$198.5 | \$201.2 |
|                                |         |         |         |         |         |         |