Balkrishna Industries



Strong show continues, but valuation remains stretched

- BIL reported impressive numbers in 1Q and recorded its highest ever quarterly volume led by strong volume in both Agriculture and OTR segments. On the margin front, EBITDA margin contracted 276bps QoQ on elevated RM and logistic cost.
- Management stated that retail sales are strong across regions led by strong demand for Agriculture and OTR tyres. The management intact with its volume guidance of 250-265K MT (10-17% YoY growth) for FY22. Current inventory stands at normal level 35-40 days.
- In order to mitigate RM cost inflation, BIL has taken price hikes of 3% in 1Q and another 3% in July-21. The management expects margin to remain in the range of 28-30% in the medium to long term.
- The company has a capex plan of Rs 19bn (Rs. 9-10 bn in FY22) over the 2 years, includes 1) Brownfield Expansion, Bhuj (rise in capacity by 50k MT to 335k MT, 2) modernization of existing plants and 3) enhancement of Carbon Black capacity.
- We like BIL's export oriented business model, and labor cost advantage vs global peers. We expect near to medium term volume to be driven by increase in wallet share in OTR segment, expansion into new geographies and improvement in OEMs share. However, volume growth rate to moderate from 2HFY22 due to 1) production ramp up of global peers 2) channel filling to be almost over especially in OTR segment 3) Moderation in OEMs demand on high base and 4) moderation in domestic revenue growth rate (domestic revenue grew 43% YoY in FY21 and mixed improved from 19% to 23%).
- Moreover, operating margins would also taper off in coming quarters owing to RM inflation along with increase in Advertisement and logistic cost. We believe the premium valuation (35/29x for FY22/23E EPS vs 5 years' historical average of 18x) captures all near to medium term positives and looks unwarranted given the 18% EPS CAGR over FY21-23E. We maintain Sell with SOTP based target of Rs 2120 (25x core FY23E EPS + Rs 28 of Carbon Black non-captive use).

Q1FY22 Result (Rs Mn)

| Particulars | Q1FY22 | Q1FY21 | YoY (%) | Q4FY21 | QoQ (%) |
|-------------------|--------|--------|---------|--------|---------|
| Revenue | 18,131 | 9,287 | 95.2 | 17,459 | 3.8 |
| Total Expense | 13,004 | 6,981 | 86.3 | 12,041 | 8.0 |
| EBITDA | 5,127 | 2,306 | 122.3 | 5,418 | (5.4) |
| Depreciation | 1,041 | 996 | 4.5 | 1,034 | 0.6 |
| EBIT | 4,086 | 1,310 | 211.9 | 4,384 | (6.8) |
| Other Income | 782 | 333 | 134.9 | 584 | 33.9 |
| Interest | 21 | 24 | (12.4) | 23 | (7.8) |
| EBT | 4,847 | 1,619 | 199.4 | 4,945 | (2.0) |
| Тах | 1,535 | 401 | 283.2 | 1,223 | 25.5 |
| RPAT | 3,312 | 1,218 | 171.9 | 3,722 | (11.0) |
| APAT | 3,312 | 1,218 | 171.9 | 3,722 | (11.0) |
| | | | (bps) | | (bps) |
| Gross Margin (%) | 56.9 | 60.5 | (368) | 58.7 | (183) |
| EBITDA Margin (%) | 28.3 | 24.8 | 345 | 31.0 | (276) |
| NPM (%) | 18.3 | 13.1 | 515 | 21.3 | (305) |
| Tax Rate (%) | 31.7 | 24.7 | 692 | 24.7 | 693 |
| EBIT Margin (%) | 22.5 | 14.1 | 843 | 25.1 | (258) |

| СМР | | Rs | 2,449 | | |
|-------------------|-----------------|-------|--------|--|--|
| Target / Downside | Rs | 2,120 | / 13% | | |
| NIFTY | 16,238 | | | | |
| Scrip Details | | | | | |
| Equity / FV | Rs 387mn / Rs 2 | | | | |
| Market Cap | | Rs 4 | 473bn | | |
| | USD 6.4bn | | | | |
| 52-week High/Low | Rs 2,559/ 1,238 | | | | |
| Avg. Volume (no) | | 5,0 | 4,107 | | |
| Bloom Code | | | BIL IN | | |
| Price Performance | 1M | 3M | 12M | | |
| Absolute (%) | 7 | 34 | 81 | | |
| Rel to NIFTY (%) | 5 | 23 | 39 | | |
| | | | | | |

Shareholding Pattern

| | Dec'20 | Mar'21 | Jun'21 |
|-----------------|--------|--------|--------|
| Promoters | 58.3 | 58.3 | 58.3 |
| MF/Banks/FIs | 15.0 | 15.6 | 15.0 |
| FIIs | 15.9 | 14.8 | 15.5 |
| Public / Others | 10.8 | 11.3 | 11.2 |
| | | | |

Valuation (x)

| | FY21A | FY22E | FY23E |
|-----------|-------|-------|-------|
| P/E | 41.0 | 35.1 | 29.3 |
| EV/EBITDA | 27.0 | 23.9 | 20.0 |
| ROE (%) | 20.9 | 20.9 | 21.7 |
| RoACE (%) | 17.7 | 18.2 | 19.5 |

Estimates (Rs mn)

| | FY21A | FY22E | FY23E |
|-----------|--------|--------|--------|
| Revenue | 57,579 | 70,999 | 78,939 |
| EBITDA | 17,855 | 20,093 | 23,840 |
| PAT | 11,554 | 13,507 | 16,176 |
| EPS (Rs.) | 59.8 | 69.9 | 83.7 |

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Focus on US market, OTR would be key driver

Management is positive about the near to medium term outlook and anticipates the US would be a key growth driver for coming years as the company has developed specialized products catering to the American market and improved its distribution network and supply chain.

The OTR segment will also witness strong volume traction from mining intensive countries and expects to increase its revenue contribution to 45-50% (from 32% now) over 4-5 years with the distribution channels in place. BIL's new ultra-large tyre capacity should help drive market share gains in the segment.

India is the second strongest market after Europe and BIL anticipates strong growth in OEM and Replacement markets led by channel expansion and brand building activities.

Projects and expansion

BIL to undergo capex of Rs.19bn over FY22-23E, to be funded by internal accruals and debt (if required) in order to cater to future demand. BIL has given a capex guidance of Rs 9-10bn (incl maintenance) for FY22 (Incurred Rs 7.3bn for FY21). Major capex on the tyre plant and maintenance and automation projects. Bulk of capex for the Carbon Black plant to be incurred in FY23.

Details of capex and expansion are as follows

Brownfield Expansion, Bhuj: Considering the overall increase in the demand of products, the Company has commenced set up of Brownfield and Debottlenecking Project. The estimated Capex of Rs 8bn will help to increase achievable capacity by 50,000 MTPA (existing 285,000 MTPA) to 335,000 MTPA. Expected to be completed by H2FY23.

Enhancement of Carbon Black capacities and setting up a Captive Power Plant: Considering the overall demand / supply outlook as well as internal demand of Carbon Black, BKT has embarked to enhance the installed capacity of carbon black from an achievable capacity 1,15,000 MTPA to 2,00,000 MTPA including 30,000 MTPA of high value of advanced carbon black material.

To meet the additional power requirement, the Company proposes to set up an additional power plant of 20 MW by tapping flue gas, a by-product from the carbon black plant which will provide the required additional power at lower cost. The capex of the increased capacity of carbon black and cogen power plant will be 6.5bn and is expected to be completed by H1FY23.

Modernization, Automation and Tech Upgradation of Rajasthan and Bhuj plant: Capex of Rs 4.5bn to improve quality and efficiency and streamline supply chain and help in margin expansion with lower dependence on skilled labor. Expected to be completed by H1FY23.

Bhuj Plant: Expansion of mixing facility and enhancing the warehousing capacity has been completed and producing ultra large sized steel OTR Radial Tire.

Waluj Plant: The Green Field Tire project is expected to be completed by 30th September, 2021.



Exhibit 1: Actual vs DART Estimates

| Particulars (Rs mn) | Actual | DART Est | Var (%) | Comments |
|---------------------|--------|----------|----------|----------------|
| Revenue | 18,131 | 17,267 | 5 | NA |
| EBIDTA | 5,127 | 5,197 | (1) | NA |
| EBIDTA Margin (%) | 28.3 | 30.1 | (182)bps | Higher RM cost |
| APAT | 3,312 | 3,479 | (5) | NA |

Source: DART, Company

Exhibit 2: Change in Estimates

| Bamn | FY22E | | | FY23E | | | |
|-------------------|--------|----------|----------|--------|----------|---------|--|
| Rs mn | New | Previous | Chg (%) | New | Previous | Chg (%) | |
| Revenue | 70,999 | 67,870 | 4.6 | 78,939 | 74,625 | 5.8 | |
| EBITDA | 20,093 | 20,022 | 0.4 | 23,840 | 22,388 | 6.5 | |
| EBITDA Margin (%) | 28.3 | 29.5 | (120)bps | 30.2 | 30.0 | 20 bps | |
| PAT | 13,507 | 12,849 | 5.1 | 16,176 | 14,243 | 13.6 | |
| EPS (Rs) | 69.9 | 66.5 | 5.1 | 83.7 | 73.7 | 13.6 | |

Source: DART, Company

Exhibit 3: Assumption Table

| Key Assumptions | FY19 | FY20 | FY21 | FY22E | FY23E |
|---------------------|----------|----------|----------|----------|----------|
| Volumes (MT) | | | | | |
| Europe | 1,07,743 | 1,02,898 | 1,13,566 | 1,26,058 | 1,32,361 |
| % YoY | 0.7 | (4.5) | 10.4 | 11.0 | 5.0 |
| USA | 35,914 | 34,299 | 34,070 | 40,202 | 44,222 |
| % YoY | 15.6 | (4.5) | (0.7) | 18.0 | 10.0 |
| India | 38,027 | 40,352 | 52,240 | 60,599 | 69,688 |
| % YoY | 14.2 | 6.1 | 29.5 | 16.0 | 15.0 |
| RoW | 29,577 | 24,211 | 27,256 | 34,887 | 41,865 |
| % YoY | 6.1 | (18.1) | 12.6 | 28.0 | 20.0 |
| Total | 2,11,261 | 2,01,760 | 2,27,131 | 2,61,746 | 2,88,136 |
| % YoY | 6.0 | (4.5) | 12.6 | 15.2 | 10.1 |
| Blended ASP (Rs/kg) | 248 | 237 | 254 | 271 | 274 |
| % YoY | 10.8 | (4.5) | 6.9 | 7.0 | 1.0 |

Source: DART, Company

Key Concall Takeaways

- Sales volume mix for Q1FY22 (68,608 MTPA):
 - OEM 25.6%; Replacement 71.9%; Others 2.6%.
 - Agriculture 65.9%; OTR 30.9%; Others 3.2%.
 - Europe 52.7%; USA 16.1%; India 19%; RoW 12.2%
- The demand continues to be robust in Agriculture segment across geographies thanks to the improvement in grain prices and farm incomes. In the other segments, demand has seen an uptick on back of increasing commodity prices, pick-up in economic and infrastructure activities.
- The management intact its volume guidance of 250,000-265,000 MT for FY22 with growing demand trajectory. In India, pricing is at PAR with leading manufacture and near to premium pricing.
- RM inflation is a key near term challenge, all RM prices are on an uptrend and this will impact near term margin. Further the logistics costs have gone up significantly across routes and it could continue to be at similar levels through



the current fiscal. The management expects margin to remain in the range of 28-30% in the medium to long term.

- In Q1FY22, the company has taken 3% price hike. In order to mitigate RM cost BIL has taken another price hikes 2-3% in July. Expect RM price to stabilize at current level. Other expenses increased due to higher logistics cost and expected to continue be higher in this fiscal.
- OTR segment has witnessed strong traction from mining intensive countries and expects to increase its revenue contribution to 45-50% over 4-5 years with the distribution channels in place.
- For USA, over the last few years the company has developed specialized products catering to the American market and improved its distribution network and supply chain.

Capex

- The greenfield plant at Waluj is on scheduled with completion expected by 30th September, 2021.
- Capex in Q1 was Rs.3.66bn of which Rs. 2bn was on new capex. Overall Capex for FY22 would be around Rs.9bn to 10bn. Company has planned a total capex of 19bn for FY22 and FY23 to be disbursed towards brownfield projects, Carbon black expansion project and Technological upgradation.

Others

- BIL has maintained its market share at 5% in the global markets and is expected to reach 10% over 4-5 years. Global OTR and Agri market growing at 2-3%.
- Current carbon black procurement 100% in house, third party carbon black sourcing is less than 3%. 25-30% production was sold in open market.
- BIL is long term debt free with cash of Rs 15.57 bn as on FY21 end (vs 14.75bn as on FY21 end).
- Other income higher on account net forex gain of Rs 390mn (realized forex gain of Rs 220mn and un-realized forex gain of Rs 170mn).
- 35.7cr in tax expense related to tax expense for previous periods and future tax expense may continue to include these previous expenses.
- Other expenses have gone up by 90bps attributed to higher logistics costs which came into effect in June. Expect these to continue throughout FY22 and company may need to absorb some of these.
- Euro hedge rate for Q1FY22 was Rs 87.53/Euro vs Rs 87.42/Euro for 4QFY21.
- Dollar hedge rate was around Rs. 78/dollar in Q1FY22.
- Current inventory stands at normal levels of 35-40 days.
- In FY22, Advertising expense is currently expected to be around Rs.1.2bn





Exhibit 5: Volume grew by YoY/QoQ



Source: Company, DART





Source: Company, DART

Exhibit 8: APAT (Rs mn) vs APAT Margin (%)



Source: Company, DART

Exhibit 7: Contraction in EBITDA margin QoQ



Source: Company, DART

Exhibit 9: Channel wise Revenue



Source: Company, DART

Exhibit 6: Gross Margin fell QoQ





Exhibit 10: Geography wise revenue

Exhibit 11: Product wise revenue



Source: Company, DART

Source: Company, DART



| (Rs Mn) | FY20A | FY21A | FY22E | FY23E |
|---------------------------------|--------|--------|--------|--------|
| Revenue | 47,825 | 57,579 | 70,999 | 78,939 |
| Total Expense | 35,331 | 39,724 | 50,906 | 55,099 |
| COGS | 21,268 | 23,028 | 30,175 | 32,681 |
| Employees Cost | 2,858 | 3,259 | 3,976 | 4,263 |
| Other expenses | 11,205 | 13,437 | 16,756 | 18,156 |
| EBIDTA | 12,494 | 17,855 | 20,093 | 23,840 |
| Depreciation | 3,680 | 4,062 | 4,464 | 5,157 |
| EBIT | 8,813 | 13,794 | 15,629 | 18,683 |
| Interest | 73 | 98 | 82 | 70 |
| Other Income | 2,488 | 1,615 | 2,583 | 3,100 |
| Exc. / E.O. items | 0 | 0 | 0 | 0 |
| EBT | 11,228 | 15,310 | 18,130 | 21,712 |
| Tax | 1,779 | 3,756 | 4,623 | 5,537 |
| RPAT | 9,450 | 11,554 | 13,507 | 16,176 |
| Minority Interest | 0 | 0 | 0 | 0 |
| Profit/Loss share of associates | 0 | 0 | 0 | 0 |
| АРАТ | 9,450 | 11,554 | 13,507 | 16,176 |

| Ba | lance | Sheet | |
|----|-------|-------|--|
| | | | |

| (Rs Mn) | FY20A | FY21A | FY22E | FY23E |
|----------------------------|--------|--------|--------|--------|
| Sources of Funds | | | | |
| Equity Capital | 387 | 387 | 387 | 387 |
| Minority Interest | 0 | 0 | 0 | 0 |
| Reserves & Surplus | 49,894 | 59,685 | 68,553 | 80,090 |
| Net Worth | 50,281 | 60,072 | 68,940 | 80,476 |
| Total Debt | 8,622 | 8,936 | 7,436 | 5,936 |
| Net Deferred Tax Liability | 1,783 | 2,035 | 2,035 | 2,035 |
| Total Capital Employed | 60,686 | 71,043 | 78,410 | 88,447 |

Applications of Funds

| Total Assets | 60,686 | 71,043 | 78,410 | 88,447 |
|--|--------|--------|--------|--------|
| Net Current Assets | 11,429 | 14,963 | 17,350 | 22,884 |
| sub tota | I | | | |
| Other Current Liabilities | 3,016 | 3,025 | 3,684 | 3,804 |
| Payables | 3,610 | 6,334 | 5,836 | 5,839 |
| Less: Current Liabilities & Provisions | 6,626 | 9,359 | 9,520 | 9,643 |
| Other Current Assets | 4,991 | 6,821 | 7,521 | 8,221 |
| Loans and Advances | 314 | 536 | 631 | 689 |
| Cash and Bank Balances | 455 | 571 | 628 | 3,504 |
| Receivables | 6,492 | 7,301 | 8,753 | 9,732 |
| Inventories | 5,804 | 9,093 | 9,337 | 10,381 |
| Current Assets, Loans & Advances | 18,055 | 24,322 | 26,870 | 32,528 |
| Investments | 10,631 | 14,182 | 13,182 | 13,842 |
| CWIP | 5,856 | 8,555 | 10,000 | 10,000 |
| Net Block | 32,771 | 33,342 | 37,878 | 41,721 |

E – Estimates



| Particulars | FY20A | FY21A | FY22E | FY23E |
|------------------------------------|----------|----------|----------|----------|
| (A) Margins (%) | | | | |
| Gross Profit Margin | 55.5 | 60.0 | 57.5 | 58.6 |
| EBIDTA Margin | 26.1 | 31.0 | 28.3 | 30.2 |
| EBIT Margin | 18.4 | 24.0 | 22.0 | 23.7 |
| Tax rate | 15.8 | 24.5 | 25.5 | 25.5 |
| Net Profit Margin | 19.8 | 20.1 | 19.0 | 20.5 |
| (B) As Percentage of Net Sales (%) | | | | |
| COGS | 44.5 | 40.0 | 42.5 | 41.4 |
| Employee | 6.0 | 5.7 | 5.6 | 5.4 |
| Other | 23.4 | 23.3 | 23.6 | 23.0 |
| (C) Measure of Financial Status | | | | |
| Gross Debt / Equity | 0.2 | 0.1 | 0.1 | 0.1 |
| Interest Coverage | 121.2 | 140.5 | 190.9 | 266.1 |
| Inventory days | 44 | 58 | 48 | 48 |
| Debtors days | 50 | 46 | 45 | 45 |
| Average Cost of Debt | 0.8 | 1.1 | 1.0 | 1.1 |
| Payable days | 28 | 40 | 30 | 27 |
| Working Capital days | 87 | 95 | 89 | 106 |
| FA T/O | 1.5 | 1.7 | 1.9 | 1.9 |
| (D) Measures of Investment | 2.5 | 1.7 | 1.5 | 1.5 |
| AEPS (Rs) | 48.9 | 59.8 | 69.9 | 83.7 |
| CEPS (Rs) | 67.9 | 80.8 | 93.0 | 110.4 |
| DPS (Rs) | 20.0 | 17.0 | 20.0 | 20.0 |
| Dividend Payout (%) | 40.9 | 28.4 | 28.6 | 20.0 |
| BVPS (Rs) | 260.1 | 310.7 | 356.6 | 416.3 |
| RoANW (%) | 19.5 | 20.9 | 20.9 | 21.7 |
| RoACE (%) | 19.5 | 17.7 | 18.2 | 19.5 |
| RoAIC (%) | 14.9 | 21.1 | 21.1 | 23.0 |
| (E) Valuation Ratios | 14.5 | 21.1 | 21.1 | 23.0 |
| CMP (Rs) | 2449 | 2449 | 2449 | 2449 |
| P/E | 50.1 | 41.0 | 35.1 | 2449 |
| Mcap (Rs Mn) | 4,73,472 | 41.0 | 4,73,472 | 4,73,472 |
| | 9.9 | 4,73,472 | 4,73,472 | 4,73,472 |
| MCap/ Sales EV | 4,81,639 | 4,81,836 | 4,80,280 | 4,75,903 |
| EV/Sales | 4,81,039 | 4,81,830 | 4,80,280 | 4,75,903 |
| EV/EBITDA | 38.6 | 27.0 | 23.9 | 20.0 |
| P/BV | 9.4 | 7.9 | 6.9 | 5.9 |
| Dividend Yield (%) | 0.8 | 0.7 | 0.9 | 0.8 |
| | 0.0 | 0.7 | 0.8 | 0.0 |
| (F) Growth Rate (%) | (0.0) | 20.4 | | 44.2 |
| Revenue | (8.8) | 20.4 | 23.3 | 11.2 |
| EBITDA | (4.7) | 42.9 | 12.5 | 18.6 |
| EBIT | (9.9) | 56.5 | 13.3 | 19.5 |
| PBT | (5.1) | 36.3 | 18.4 | 19.8 |
| APAT | 20.8 | 22.3 | 16.9 | 19.8 |
| EPS | 20.8 | 22.3 | 16.9 | 19.8 |
| Cash Flow | | | | |
| (Rs Mn) | FY20A | FY21A | FY22E | FY23E |
| CFO | 11,981 | 13,614 | 15,714 | 18,737 |
| CFI | (6,531) | (11,572) | (9,437) | (9,651) |
| CFF | (5,552) | (1,925) | (6,221) | (6,209) |
| FCFF | 3,390 | 6,282 | 5,269 | 9,737 |
| Opening Cash | 556 | 455 | 571 | 628 |
| Closing Cash | 455 | 571 | 628 | |
| E – Estimates | 400 | 5/1 | 020 | 3,504 |



DART RATING MATRIX

| Total Return Expectation | (12 Months) |
|---------------------------------|-------------|
|---------------------------------|-------------|

| Buy | > 20% |
|------------|-----------|
| Accumulate | 10 to 20% |
| Reduce | 0 to 10% |
| Sell | < 0% |

Rating and Target Price History



| Month | Rating | TP (Rs.) | Price (Rs.) |
|--------|------------|----------|-------------|
| Aug-20 | Accumulate | 1,531 | 1,316 |
| Nov-20 | Reduce | 1,536 | 1,453 |
| Feb-21 | Sell | 1,549 | 1,657 |
| May-21 | Sell | 1,648 | 1,896 |
| Jun-21 | Sell | 1,845 | 2,254 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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