# Bharat Forge (BHAFOR)

CMP: ₹ 751 Target: ₹ 875 (16%)

Target Period: 12 months

BUY

BHARAT FORGE

June 7, 2021



Bharat Forge (BFL) reported a robust performance in Q4FY21. Standalone revenues came in at ₹ 1,307 crore (up 26.2% QoQ), amid 9.6% QoQ tonnage growth to 55,837 MT. Total India revenues were at ₹ 565 crore (up 9.6% QoQ). Export revenues, on the other hand, were a real surprise and were up 42.9% QoQ to ₹ 731 crore. Standalone EBITDA for the quarter was at ₹ 359 crore, with consequent margins at 27.5%. EBITDA margins for the quarter were positively impacted by forex gains. Adjusting for this, margins were at 25.5%, up 300 bps QoQ. Standalone PAT was at ₹ 205.5 crore.

## All user industries indicating robust demand prospects...

Bharat Forge derives significant share of revenues from; (i) the global CV space i.e. US class 8 trucks (share of standalone revenues at ~30% in Q4FY21), (ii) domestic CV space (~17% of sales in Q4FY21), (iii) industrials (includes oil & gas space, ~29% of sales in Q4FY21) and (iv) PV segment (~18% of sales in Q4FY21). With cyclical bottom already in place in the CV domain both domestic and global, crude price rising to ~US\$70/barrel coupled with robust prospects in the PV space due to the impending need for personal mobility, all user segments indicate robust demand prospects in FY21-23E. This, coupled with BFL's intent to grow its aluminium forging business (light weighting of vehicles) along with improved outlook in the defence space amid increased focus on indigenisation, we expect consolidated revenues to grow at 26% CAGR in FY21-23E. With a lean cost structure & operating leverage at play, margins are seen improving significantly, with standalone margins seen at ~30% by FY23E & consolidated margins seen at ~22% by FY23E.

### Q4FY21 earnings conference call – highlights, key takeaways

BFL said: (i) cost pressure exists on raw material and freight costs (up 3-4x in the recent past), (ii) BFL has recently won an order from Government of India in the defence domain (non-automotive) wherein BFL will start supplying components in a month's timeframe (quantum not disclosed); (iii) BFL will be acquiring land to the tune of ~70 hectares at Khed (Maharashtra, near Pune) at an outlay of ~₹ 240 crore (over the next two to three years) wherein they intend to construct two new plants in the domain of e-mobility and defence. (iv) BFL will be targeting an RoCE of ~20%; (v) US-class 8 truck production is hampered by chip availability and is expected to get resolved in about two months; (vi) US class 8 truck production is seen at ~3 lakh units in CY21 vs. ~2.1 lakh units in CY20, (vii) on a standalone basis, it operated at ~55% utilisations level in Q4 with peak quarterly revenues pegged at ~₹ 2,000 crore, (viii) BFL will develop new family of products & platforms in the defence space & (ix) oil & gas space demand outlook is currently robust.

#### Valuation & Outlook

With improved demand outlook in all the user segments along with revived focus on accelerating growth, going forward, utilising surplus cash on b/s, we turn positive on BFL. We upgrade the stock from HOLD to **BUY**, valuing it at ₹ 875 i.e. 35x P/E on FY23E EPS of ₹ 25 (earlier target price ₹ 670).



7.8

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2.2

12.3

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ICICI direct

Particulars	
Particular	Amount
Market Capitalization	₹ 34964 crore
Total Debt (FY21P)	₹ 4830 crore
Cash and Inv. (FY21P)	₹ 2550 crore
EV	₹ 37244 crore
52 week H/L (₹)	758 / 306
Equity capital	₹ 93.1 Crore
Face value	₹ 2

#### 

#### **Key Highlights**

- Q4FY21 standalone revenues were robust at ₹ 1,307 crore, up 26% QoQ led by 43% QoQ growth in exports. Adjusted margins for Q4FY21 were at 25.5%, up 300 bps QoQ
- Domestic & global CV revival, improved oil & gas sector outlook, need for personal mobility as well as greater indigenisation in defence space to result in robust sales growth, going forward, in FY21-23E

#### Risks to our call

- Lower than anticipated sales growth
- Lower than expected margin gains amid o/p leverage benefits at play

#### **Research Analyst**

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16.9

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Source: Company, ICICI Direct Research

RoNW (%)

RoCE (%)

Exhibit 1: Variance An	alysis						
	Q4FY21	Q4FY21E	Q4FY20	YoY (%)	Q3FY21	QoQ (%)	Comments
Total Operating Income	1,307	1,108	881	48.4	1,036	26.2	Topline came in ahead of estimates primarily tracking beat on exports which in Q4FY21 were up 43% QoQ
Raw Material Expenses	527	425	325	62.1	383	37.4	RM costs came in much higher at 40.3% of sales, up 330 bps $QoQ$ vs. our expectation of 38.3%
Employee Expenses	113	114	119	-4.6	110	2.9	
Other Expenses	308	346	327	-5.8	328	-5.9	Other expenses include an element of forex gains amounting to ~₹ 25 crore in Q4FY21
EBITDA	359	223	110	225.6	215	67.2	
EBITDA Margin (%)	27.5	20.1	12.5	1495 bps	20.7	674 bps	Adjusted EBITDA margins for the quarter stood at 25.5%, up 300 bps $\Omega$ o $\Omega$
Depreciation	100.6	102.2	84.7	18.8	96.4	4.4	
Interest	13.7	30.4	41.5	-67.1	26.8	-49.1	
Other Income	32	35	31	1.5	35	-9.2	Other income came in on expected lines
PBT	276.1	125.2	-78.3	-452.5	121.3	127.6	
Tax	70.5	31.6	-5.0	-1,502.3	28.7	145.9	Tax rate came in at its usual run rate of ~25%
Reported PAT	205.5	93.7	-73.3	-380.5	92.6	121.9	PAT was much ahead of estimates tracking beat on sales growth as well as margins
Key Metrics							
Domestic revenues	565	537	370	52.7	516	9.6	Domestic revenues were up 9.6% QoQ to ₹ 565 crore
Export revenues	731	549	490	49.3	512	42.9	Export revenues were up 43% QoQ to ₹ 731 crore

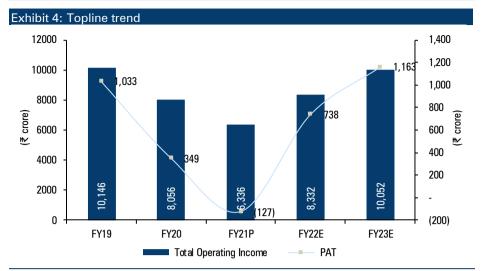
Source: Company, ICICI Direct Research

		FY22E			FY23E		
(₹ Crore)	Old	New	% Change	Old	New	% Change	Comments
Revenue	7,878	8,332	5.8	9,474	10,052	6.1	Revised upward our sales estimates for FY22E-23E. We expect sales at BFL to grow at a CAGR of 26% over FY21-23E with robust growth prospects at all its user industries
EBITDA	1,357	1,585	16.8	1,834	2,171	18.4	
EBITDA Margin (%)	17.2	19.0	179 bps	19.4	21.6	224 bps	Revised upwards our margin estimates tracking the beat in Q4FY21 with BFL's cost structure more leaner as it approaches the fresh growth cycle
PAT	548	738	34.7	888	1,163	31.0	
EPS (₹)	11.8	15.9	34.7	19.1	25.0	31.0	Upward revision in sales, margin estimates leads to sharp > 30% upward revision in earnings estimates for FY22E-23E. BFL is expected to clock EPS of ₹ 25 in FY23E

Source: ICICI Direct Research

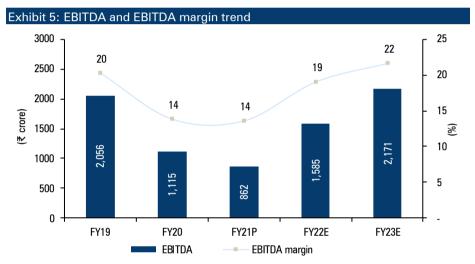
Exhibit 3: Assur	nptions								
					Curr	ent		Earlier	Comments
(₹ crore)	FY18	FY19	FY20P	FY21P	FY22E	FY23E	FY22E	FY23E	
Domestic Revenues	2,227	2,627	1,782	1,639	2,205	2,646	2,171	2,605	With peak of the Covid resurgence behind us and export markets already witnessing uptick in economic
Export revenues	2,971	3,726	2,650	1,964	2,829	3,418	2,427	2,932	activity, export revenues at BFL (standalone) are seen growing at a CAGR of 32% over FY21-23E. Domestic
Americas (\$ mn)	296	369	265	165	230	276	211	253	revenues (standalone) are seen growing at a CAGR of 27% in the aforesaid time frame. Cyclical upturn in CV
Europe (Euro mn)	102	125	87	78	108	130	84	100	space, improved outlook in Oil & Gas domain, steady demand prospects in the PV space and new initiatives
Asia Pac (\$ mn)	21	18	14	12	18	22	14	17	(e-mobility & defence) seen lending support to growth
USD/INR	68.0	70.4	70.6	73.3	74.5	75.0	74.5	75.0	qoing forward
EUR/US\$	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.2	going forward

## Financial story in charts



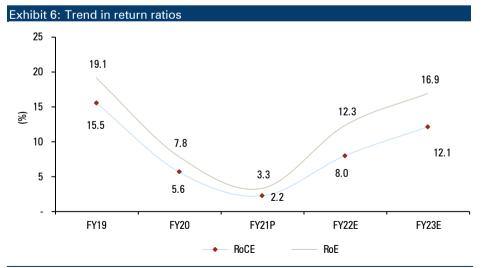
We expect consolidated sales to grow at 26% CAGR over FY21-23E to ₹ 10,052 crore in FY23E. PAT is expected to improve meaningfully in this timeframe as operating leverage benefits flow to the bottomline amid various cost cutting initiatives in place

Source: Company, ICICI Direct Research



On a consolidated basis, margins are seen surpassing its last peak with EBITDA margins growing to ~22% levels by FY23E

Source: Company, ICICI Direct Research



On a consolidated basis, RoE is seen improving to  $\sim$ 17% levels by FY23E while RoCE is seen improving to  $\sim$ 12% in a similar timeframe



Exhibit 7	: Key valu	iation me	trics					
	Sales	Growth	EPS	Growth	PE	EV/EBITDA	RoNW	RoCE
	(₹ cr)	(%)	(₹)	(%)	(x)	(x)	(%)	(%)
FY18	8,358	30.7	16.2	8.1	46.4	21.8	17.3	14.9
FY19	10,146	21.4	22.2	37.0	33.9	18.5	19.1	15.5
FY20	8,056	-20.6	7.5	-66.2	100.1	33.8	7.8	5.6
FY21P	6,336	-21.3	-2.7	NM	NA	43.2	3.3	2.2
FY22E	8,332	31.5	15.9	NM	47.4	23.2	12.3	8.0
FY23E	10,052	20.6	25.0	57.5	30.1	16.6	16.9	12.1

Source: Company, ICICI Direct Research

Exhibit 8: Shareholding pattern					
	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21
Promoters	45.8	45.8	45.8	45.8	45.8
FII	20.7	22.1	21.9	23.5	24.9
DII	15.7	15.1	11.5	12.3	12.2
Others	17.8	17.0	20.8	18.4	17.1

## Financial Summary

Exhibit 9: Profit and loss s	tatement			₹ crore
(Year-end March)	FY20	FY21P	FY22E	FY23E
Total operating Income	8055.8	6336.3	8331.7	10051.5
Growth (%)	-20.6	-21.3	31.5	20.6
Raw Material Expenses	3,576.4	2,634.2	3,416.0	4,070.9
Employee Expenses	1,195.5	1,071.1	1,208.1	1,306.7
Other expenses	2,169.1	1,769.3	2,122.9	2,502.8
Total Operating Expenditure	6,941.1	5,474.6	6,747.0	7,880.4
EBITDA	1,114.8	861.7	1,584.7	2,171.1
Growth (%)	-45.8	-22.7	83.9	37.0
Depreciation	547.7	612.2	666.5	728.7
Interest	171.3	107.7	113.2	100.7
Other Income	187.9	168.9	202.2	223.2
PBT	583.6	310.7	1,007.1	1,564.8
Others	-43	-30	-15	-7
Total Tax	112.5	101.5	253.8	394.3
PAT	349.2	-127.0	738.4	1,163.0
Growth (%)	-66.2	-136.4	LP	57.5
EPS (₹)	7.5	-2.7	15.9	25.0

Source: Company, ICICI Direct Research

Exhibit 10: Cash flow staten	nent			₹ crore
(Year-end March)	FY20	FY21P	FY22E	FY23E
Profit after Tax	349.2	-127.0	738.4	1163.0
Add: Depreciation & Interest	719.0	719.9	779.8	829.5
(Inc)/dec in Current Assets	893.3	-34.6	-282.3	-714.2
Inc/(dec) in CL and Provisions	-270.7	411.3	114.5	416.9
CF from operating activities	1690.8	969.6	1350.3	1695.2
(Inc)/dec in Investments	-525.8	-1011.1	-150.0	-150.0
(Inc)/dec in Fixed Assets	-1101.3	-1256.0	-325.0	-300.0
Others	385.1	499.3	-235.2	-220.6
CF from investing activities	-1242.0	-1767.9	-710.2	-670.6
Issue/(Buy back) of Equity	0.0	0.0	0.0	0.0
Inc/(dec) in loan funds	325.5	481.4	-300.0	-500.0
Dividend paid & dividend tax	-196.1	-93.1	-186.2	-279.3
Inc/(dec) in Sec. premium	0.0	0.0	0.0	0.0
Others	-478.6	307.6	-113.2	-100.7
CF from financing activities	-349.2	695.9	-599.5	-880.1
Net Cash flow	99.7	-102.3	40.7	144.5
Opening Cash	475.4	575.1	472.8	513.4
Closing Cash	575.1	472.8	513.4	658.0

Source: Company, ICICI Direct Research

Exhibit 11: Balance Sheet				₹ crore
(Year-end March)	FY20	FY21P	FY22E	FY23E
Liabilities				
Equity Capital	93.1	93.1	93.1	93.1
Reserve and Surplus	5,158.6	5,353.7	5,905.8	6,789.5
Total Shareholders funds	5,251.7	5,446.8	5,999.0	6,882.6
Total Debt	4,348.4	4,829.8	4,529.8	4,029.8
Deferred Tax Liability	131.1	234.6	234.6	234.6
Minority Interest / Others	337.9	761.6	761.6	761.6
Total Liabilities	10,069.0	11,272.8	11,525.0	11,908.6
Assets				
Gross Block	9,426.1	10,924.7	11,499.7	12,049.7
Less: Acc Depreciation	5,595.1	6,207.3	6,873.8	7,602.5
Net Block	3,831.0	4,717.4	4,625.9	4,447.1
Capital WIP	1,142.7	900.1	650.1	400.1
Total Fixed Assets	4,973.7	5,617.5	5,276.0	4,847.2
Investments	1,655.2	2,639.4	2,889.4	3,189.4
Inventory	1,734.7	1,793.9	1,826.1	2,203.1
Debtors	1,493.8	1,409.6	1,597.9	1,927.7
Loans and Advances	5.2	2.8	3.7	4.5
Other Current Assets	396.1	458.1	519.0	525.6
Cash	575.1	472.8	513.4	658.0
Total Current Assets	4,205.0	4,137.2	4,460.2	5,318.9
Creditors	1,030.9	1,206.8	1,141.3	1,376.9
Provisions	98.5	108.3	102.4	123.6
Other Current Liabilities	364.3	590.0	775.8	935.9
Total Current Liabilities	1,493.8	1,905.1	2,019.6	2,436.4
Net Current Assets	2,711.2	2,232.1	2,440.6	2,882.4
Other non-current assets	728.9	783.8	919.0	989.6
Application of Funds	10,069.0	11,272.8	11,525.0	11,908.6

Source: Company, ICICI Direct Research

Exhibit 12: Key ratios				
(Year-end March)	FY20	FY21P	FY22E	FY23E
Per share data (₹)				
EPS	7.5	-2.7	15.9	25.0
Cash EPS	19.3	10.4	30.2	40.6
BV	112.8	117.0	128.9	147.8
DPS	3.5	2.0	4.0	6.0
Cash Per Share	35.3	54.8	58.9	65.2
Operating Ratios				
EBITDA Margin (%)	13.8	13.6	19.0	21.6
PBT / Net sales (%)	7.0	3.9	11.0	14.4
PAT Margin (%)	4.3	-2.0	8.9	11.6
Inventory days	78.6	103.3	80.0	80.0
Debtor days	67.7	81.2	70.0	70.0
Creditor days	46.7	69.5	50.0	50.0
Return Ratios (%)				
RoCE	5.6	2.2	8.0	12.1
RoE	7.8	3.3	12.3	16.9
RoIC	7.8	3.2	11.3	17.0
Valuation Ratios (x)				
P/E	85.2	NM	47.4	30.1
EV / EBITDA	33.8	43.2	23.2	16.6
EV / Net Sales	4.7	5.9	4.4	3.6
Market Cap / Sales	4.3	5.5	4.2	3.5
Price to Book Value	6.7	6.4	5.8	5.1
Solvency Ratios				
Debt/EBITDA	3.9	5.6	2.9	1.9
Debt / Equity	0.8	0.9	0.8	0.6
Current Ratio	2.4	1.9	2.0	1.9
Quick Ratio	1.3	1.0	1.1	1.0

Sector / Company	CMP	TP		M Cap		EPS (₹)			P/E (x)		EV/	EBITDA	(x)	F	RoCE (%)	)		RoE (%)	
	(₹)	(₹)	Rating	(₹ Cr)	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E	FY21E	FY22E	FY23E
Apollo Tyre (APOTYR)	221	260	Buy	14,034	5.5	9.9	16.2	40.1	22.4	13.6	6.7	6.9	5.0	7.6	6.1	9.1	6.4	5.3	8.2
Ashok Leyland (ASHLEY)	128	150	Buy	37,467	-1.7	1.4	4.6	-74.4	92.0	28.1	127.3	26.3	14.2	-3.6	6.1	16.4	-6.9	5.9	17.5
Bajaj Auto (BAAUTO)	4,250	4,500	Buy	1,22,982	157.4	183.5	210.0	27.0	23.2	20.2	20.5	16.8	14.4	18.2	21.9	25.2	18.1	20.6	23.1
Balkrishna Ind. (BALIND)	2,214	2,250	Buy	42,800	59.8	68.2	80.5	37.0	32.5	27.5	24.2	20.8	17.7	19.3	20.4	21.6	19.2	19.0	19.4
Bharat Forge (BHAFOR)	751	875	Buy	34,964	<b>-2</b> .7	15.9	25.0	NM	47.4	30.1	43.2	23.2	16.6	2.2	8.0	12.1	3.3	12.3	16.9
Eicher Motors (EICMOT)	2,742	2,970	Hold	74,747	49.3	66.7	87.4	55.6	41.1	31.4	37.7	28.9	22.0	11.3	13.5	15.8	11.8	14.3	16.6
Escorts (ESCORT)	1,218	1,140	Hold	14,930	71.2	62.0	76.9	17.1	19.6	15.8	10.6	12.2	9.5	18.7	13.8	14.8	16.2	12.6	13.7
Exide Industries (EXIIND)	194	200	Hold	16,490	8.9	9.3	11.0	16.6	16.0	13.5	11.4	11.0	9.5	14.0	13.8	15.1	11.0	10.5	11.5
Hero Moto (HERHON)	3,050	3,440	Buy	60,909	148.4	170.8	196.5	20.5	17.9	15.5	13.2	11.1	9.5	20.8	23.1	24.5	19.5	20.7	21.7
M&M (MAHMAH)	805	1,000	Buy	1,00,078	2.3	29.9	37.8	357.5	27.0	21.3	14.9	15.7	12.5	9.5	8.2	10.5	2.7	9.6	11.1
Maruti Suzuki (MARUTI)	7,214	6,080	Reduce	2,17,921	140.0	172.9	225.1	51.5	41.7	32.0	32.6	24.3	18.1	4.3	6.6	9.1	8.2	9.5	11.4
Minda Industries (MININD)	588	625	Buy	15,988	5.8	11.6	17.9	101.0	50.5	32.9	24.6	17.1	13.4	8.7	14.2	19.1	8.7	15.9	19.5
Motherson (MOTSUM)	252	300	Buy	79,580	3.3	7.4	10.0	NM	33.9	25.2	17.4	10.6	8.6	6.7	16.2	20.5	8.8	16.7	19.7
Tata Motors (TATMOT)	335	400	Buy	1,20,523	-35.0	17.6	38.3	NM	19.0	8.7	5.3	4.3	3.0	6.4	9.7	14.3	-23.6	10.6	18.8

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Buy: >15%

Hold: -5% to 15%;

Reduce: -15% to -5%;

Sell: <-15%



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