Mahindra CIE

Estimate changes	
TP change	\longleftrightarrow
Rating change	

Bloomberg	MACA IN
Equity Shares (m)	379
M.Cap.(INRb)/(USDb)	52 / 0.7
52-Week Range (INR)	179 / 59
1, 6, 12 Rel. Per (%)	6/39/-11
12M Avg Val (INR M)	42

Financials & Valuations (INR b)

Y/E December	ember CY19 CY20				
Sales	79.1	60.8	75.2		
EBITDA (%)	12.2	8.4	12.4		
Adj. PAT	3.6	1.2	4.1		
EPS (INR)	9.4	3.2	10.8		
EPS Growth (%)	-33.2	-65.7	233.1		
BV/Share (INR)	123	126	137		
Ratio					
RoE (%)	8.0	2.6	8.2		
RoCE (%)	6.5	2.6	6.9		
Payout (%)	0.0	0.0	0.0		
Valuations					
P/E (x)	14.6	42.4	12.7		
P/BV (x)	1.1	1.1	1.0		
Div. Yield (%)	0.0	0.0	0.0		
FCF Yield (%)	11.6	-2.1	6.0		

Shareholding pattern (%)

As On	Jun-20	Mar-20	Jun-19			
Promoter	69.5	67.7	67.7			
DII	5.3	21.6	7.1			
FII	14.6	0.0	10.3			
Others	10.6	10.7	14.9			
FII Includes depository receipts						

CMP: INR137

TP: INR165 (+20%)

Buy

Below est.; Weak op. performance in both India and EU

Focus on new orders and restructuring to drive strong recovery

- Mahindra CIE (MACA)'s adverse operating performance in 3QCY20 was attributable to weaker revenue in India and restructuring cost in EU. While it is focusing on new orders / exports in India, it is also cutting cost to reduce breakeven points for the EU business.
- We marginally cut our CY21E EPS to factor in lower revenue growth.
 Maintain Buy, with TP of ~INR165 (13x Sep'22 consol EPS).

Operating deleverage and restructuring cost in EU impact performance

- 3QCY20 consol. revenue/EBITDA declined 9%/28% YoY, but PAT grew 4%.
 For 9MCY20, revenue/EBITDA declined 34%/69% and posted net loss.
- Consol EBITDA stood at ~INR1.5b (v/s est. INR2b), impacted by lower revenues in India and restructuring cost in the EU business (INR270m).
- Higher other income in the EU business on the sale of real estate in Jeco boosted PAT to INR607m (+4% YoY).
- India business performance was below estimates, with revenue declining by ~6% YoY to ~INR8.6b (v/s est. ~INR9.3b). The India EBITDA margin stood at 12.6% (v/s est. 12.7%).
- EU revenues declined ~9% YoY to ~INR8.7b (v/s est. ~INR8.1b), with 22% decline in EUR terms. EBITDA margins stood at 5.2% (v/s est. 10%), impacted by INR270m restructuring cost in the German CV business.

Highlights from management commentary

- For India, demand momentum is expected to continue in 4QCY20; however, management is cautiously optimistic on demand post the festive season. Average capacity utilization is at 90%.
- The India business would grow faster than the market on the back of: 1) exports growing from 12–13% of sales to 20% (to see benefit from 2HCY21) and 2) increasing contribution from new orders to 25% of sales from 15%.
- Post the restructuring, the EU business breakeven revenue stands at INR5.5b/qtr. This would further reduce to INR5.3b/qtr after the completion of the restructuring by 4QCY20.
- Capacity utilization is at 90% in India, 80% in the EU (PV forging), and 65– 70% in the EU (CV forging). Metalcastello is at the bottom of the utilization cycle.
- Capex: India CY20 capex would be at ~INR2.5b (INR2b capex for 9MCY20) toward growth in capacity expansion. CY21 could be higher if the company wins additional business.
- CIE increased its stake by purchasing from the market. Stake now stands at 60.18% (v/s 58.02% in 2QCY20 and 56.29% in 3QCY19).
- Net consol debt stands at INR16.1b.

Valuation and view

- MACA's growth story is on track, driven by its organic initiatives (new products/customers) and M&A focus.
- The stock trades at attractive valuations of 12.7x/10.3x CY21E/CY22E consol. EPS. Maintain Buy, with TP of ~INR165 (13x Jun'22 consol EPS).

Jinesh Gandhi – Research Analyst (Jinesh@MotilalOswal.com)

Vipul Agrawal – Research Analyst (Vipul.Agrawal@motilaloswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

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artarly parformance (Consol)

Quarterly performance (Consol	.)									(INR m)
(INR m)		СҮ	'19			C۱	(20		CY19	CY20E
Y/E December	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE		
Net Sales	21,744	21,420	18,685	17,229	16,627	7,355	16,943	19,876	79,078	60,801
YoY Change (%)	8.9	3.0	-5.7	-12.8	-23.5	-65.7	-9.3	15.4	-1.5	-23.1
EBITDA	2,825	2,616	2,092	2,143	1,822	-963	1,508	2,750	8,319	5,118
Margins (%)	13.0	12.2	11.2	12.4	11.0	-13.1	8.9	13.8	10.5	8.4
Depreciation	740	844	789	788	815	518	849	966	3,161	3,148
Interest	103	115	198	106	182	167	142	146	523	638
Other Income	148	78	42	63	49	179	420	84	331	732
PBT before EO expense	2,130	1,734	1,147	1,312	873	-1,468	937	1,722	4,966	2,064
EO Exp/(Inc)	13	0	-51	84	-1	2	0	0	46	0
PBT after EO exp	2,117	1,734	1,198	1,228	874	-1,470	937	1,722	4,920	2,064
Tax Rate (%)	28.0	27.2	48.9	88.7	28.3	12.5	35.2	26.0	55.7	40.8
Adj. PAT	1,532	1,262	583	186	626	-1, 28 6	607	1,275	3,564	1,223
YoY Change (%)	16.2	-9.1	-56.1	-86.8	-59.1	-201.9	4.2	584.1	-33.2	-65.7
Margins (%)	7.0	5.9	3.1	1.1	3.8	-17.5	3.6	6.4	4.5	2.0
Revenues										
India	8,524	9,684	9,134	8,704	7,819	2,650	8,560	10,458	35,934	29,487
Growth (%)	3.0	11.5	5	6.0	-8.3	-72.6	-6	20.1	7.2	-17.9
EU	13,324	11,735	9,561	8,512	8,807	4,704	8,381	9,413	43,132	31,305
Growth (%)	13.2	-2.4	-18	-26.8	-33.9	-59.9	-12	10.6	-7.8	-27.4
PBIT Margins										
India	11.6	8.2	7.4	6.7	6.8	-23.4	7.5	9.8	8.5	5.5
EU	9.3	9.0	7.5	8.7	6.0	-14.5	5.3	7.9	8.7	3.3

E: MOFSL Estimates; AEL merged w.e.f 2QCY19



Key takeaways from earnings call

India business

- Demand momentum is expected to continue in 4QCY20, and OEMs are confident of demand for the next six months; however, management is cautiously optimistic on demand post the festive season.
- CY19 sales levels are expected to recover by CY21; however, peak sales of CY18 (peak of the Auto sector) are expected to recover by CY23.
- MACA would grow faster than the market by: 1) growing exports from 12–13% to 20% (real benefit to be seen from 2HCY21 as it would take 12-18M to activate orders), 2) increasing its business with existing OEMs, 3) acquiring new OEMs as customers - such as Renault, Kia, etc., and 4) targeting Tier 1 suppliers for new and incremental business. Moreover, the company is seeing some shift in the business from EU operations to India. Management targets generating 25% of sales from new orders (v/s 15% currently).
- Average capacity utilization is at 90%, with different units ranging from 80–100% (Magnets at 100%).
- The China substitution may generate benefit of INR20–30m/month in Magnets and Gears.
- The India BEP is INR3.5b/qtr revenues.

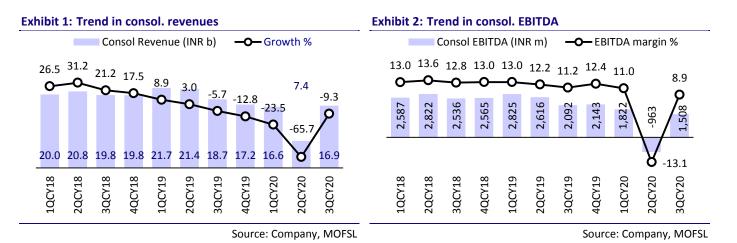
Europe business

- The EU region is seeing a second wave of COVID-19 cases; however, this has not impacted production at any plant.
- A favorable currency exchange rate restricted EU sales decline to 12% in INR terms (v/s 22% in EUR terms).

- Demand outlook: Passenger Vehicle Forgings and Gears (Italy) have a positive outlook for the coming quarters, but Commercial Vehicle Forgings remains challenged.
- Metalcastello's key customer is Caterpillar, which is at the bottom end of the cycle in the US. Expect the market to revive post the US election in Nov'20.
- Restructuring:
 - > MFE incurred restructuring cost of INR270m. This was partially offset by the sale of real estate property in Jeco (INR162m profit).
 - Major restructuring has been completed, and some additional cost is expected for fine-tuning in 4QCY20. Margins would normalize toward the last month of the quarter.
 - Metalcastello's restructuring activity has been completed and the business is seeing good margins.
 - > The MFE Germany CV business is seeing restructuring. Current volumes would remain stable for the remainder of CY20.
 - > The PV business does not need any restructuring.
 - Post the restructuring, the EU business has a BEP of INR5.5b/qtr revenue. This would further reduce by INR200m/qtr.
- Capacity utilization: PV Forgings: 80%, Germany (CV): 65–70%
- The government grant was EUR4m in the EU in 2Q and <EUR1m in 3Q.</p>

Others

- CIE took additional stake from the market to reach 60.18% (v/s 58.02% in 2QCY20 and 56.29% in 3QCY19).
- Capex: India CY20 capex would be at ~INR2.5b (9MCY20 capex at INR2b) toward growth in capacity expansion. CY21 could be higher if the company wins additional business.
- Net debt stands at INR16.1b, including a lease of INR2.5b as well as the impact of a weak INR (INR1b). Pure debt increased ~INR1.2b in Dec'19 due to an increase in working capital (India business debt: INR1b; EU is balance).
- EV risk to business: 25% of revenues (20% India and ~30% EU) are exposed to engine components. MFE Germany does not do engine forgings. In PV Forgings, crankshafts (25–30% of business) would not be relevant. The CV Forgings business would not be affected.



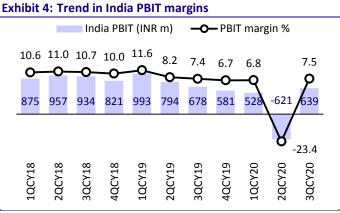
21 October 2020

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Mahindra CIE

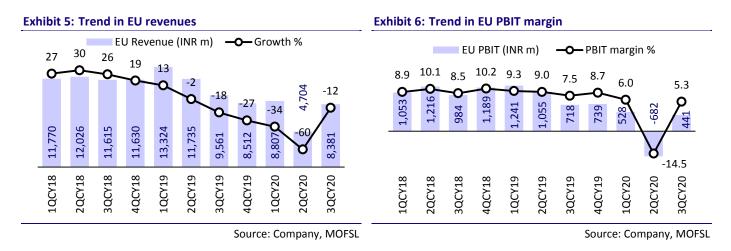
Exhibit 3: Trend in India revenues





Source: Company, MOFSL

Source: Company, MOFSL



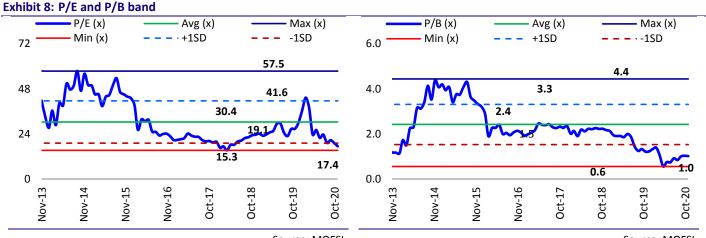
Valuation and view

- With COVID-led slowdown easing out and EU restructuring costs ending in 4QCY20, margins would normalize to earlier levels: MACA has been focused on diversifying revenues in India and cutting cost in the India and EU businesses. However, CY20 performance is severely impacted by the repercussions of COVID-19 and one-time restructuring cost. Looking beyond CY20, we expect margin expansion to be driven by: (a) improvement in the mix, (b) product-process location optimization, and (c) operating leverage.
- Strong, focused, and disciplined parent: CIE is a focused global player in Auto Components, with diversified technologies and multi-location offerings. It has demonstrated the ability of acquisitive profitable growth across geographies, at the same time delivering value-accretive growth, adhering to strict financial discipline. MACA is benefitting from CIE's expertise in driving operational improvement and is working toward achieving CIE's financial objectives.
- Set for growth after consolidation phase: Over the last three years since acquiring MACA, CIE embarked on restructuring and consolidating all operations under MACA. With Phase 1 of consolidation largely complete, MACA is now focused on growth in Phase 2. In the India business, it is targeting both organic and inorganic growth. In the Europe business, it would invest selectively for growth purposes. MACA is CIE's vehicle for expansion in Southeast Asia and forging technology worldwide.

- Financial discipline key to M&A-led strategy: M&A has been an integral tool for MACA in achieving strategic objectives and growth. For MACA, M&A would be the key driver: (a) to fill the gaps in the area of strategic technologies – aluminum and plastics, (b) for access to key players in the India PV segment (Maruti, Hyundai, etc.), and (c) to enter the ASEAN markets. CIE has displayed strict acquisition discipline, with criteria of < 3x EV/EBITDA in three years, and targets minimum Rol of ~20%.
- Maintain Buy, with TP of INR165: We cut our CY21E EPS by 2.9% to factor lower revenue. Near-term macro challenges notwithstanding, MACA's growth story is on track, driven by its organic initiatives (new products/customers) and M&A focus. More importantly, under CIE's parentage, MACA has been able to improve its efficiencies, cut costs, and improve profitability. The stock trades at attractive valuations of 12.7x/10.3x CY21E/CY22E consol. EPS. We value MACA at 13x Sep'22 EPS, at almost a ~50% discount to BHFC's target multiple, due to the difference in its competitive positioning and capital efficiencies. Maintain Buy, with TP of ~INR165 (13x Sep'22 consol EPS).

(INR M)		CY20E			CY21E	
	Rev	Old	Chg (%)	Rev	Old	Chg (%)
Net Sales	60,801	61,156	(0.6)	75,192	76,579	(1.8)
EBITDA	5,118	5,370	(4.7)	9,313	9,470	(1.7)
EBITDA margin %	8.4	8.8	-40bp	12.4	12.4	0bp
Adj. PAT	1,223	1,110	10.2	4,074	4,197	(2.9)
EPS	3.2	2.9	10.2	10.8	11.1	(2.9)

Source: MOFSL

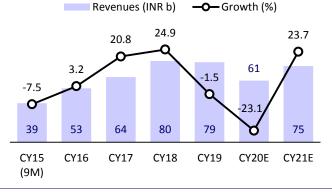


Source: MOFSL

Source: MOFSL

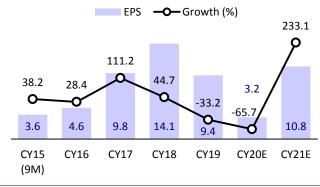
MACA's | Key operating indicators





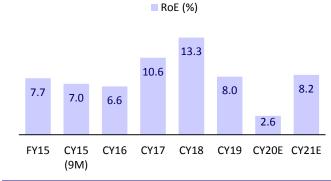
Source: Company, MOFSL

Exhibit 11: Expect consol. EPS to recover sharply in CY21E



Source: Company, MOFSL

Exhibit 13: RoEs to remain stable despite AEL acquisition



Source: Company, MOFSL



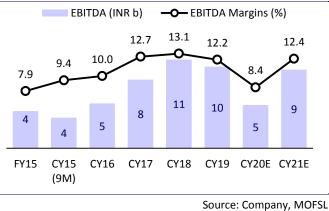
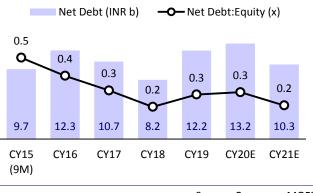
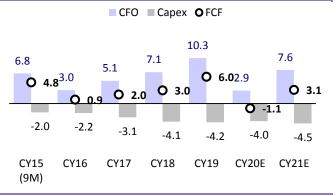


Exhibit 12: Debt under control despite organic & inorganic initiatives



Source: Company, MOFSL





Source: Company, MOFSL

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Exhibit 15: Key operating metrics

INR m	CY16	CY17	CY18	CY19	CY20E	CY21E
Revenues						
Forgings	36,436	45,474	56,132	51,519	37,587	46,937
Growth (%)		25	23	-8	-27	25
India (ex BFL)	3,868	4,364	5,971	11,921	8,702	10,269
Growth (%)		13	37	100	-27	18
BFL	1,750	6,917	8,210	1,950	950	1,220
Growth (%)		295	19	-76	-51	28
MFE Europe	16,009	17,316	21,095	16,604	12,320	16,336
Growth (%)		8	22	-21	-26	33
CIE Europe	14,809	16,876	20,857	21,044	15,615	19,112
Growth (%)		14	24	1	-26	22
Gears	5,106	4,716	7,642	7,677	5,698	4,641
Growth (%)		-8	62	0	-26	-19
India	1,469	828	2,071	2,196	2,327	0
Growth (%)		-44	150	6	6	-100
Metalcastello	3,637	3,888	5,571	5,482	3,370	4,641
Growth (%)		7	43	-2	-39	38
Stampings	6,342	8,015	9,149	8,410	6,308	7,443
Growth (%)		26	14	-8	-25	18
Castings	3,652	4,177	5,422	4,237	3,178	3,813
Growth (%)		14	30	-22	-25	20
Composites	880	907	1,017	1,069	780	952
Growth (%)		3	12	5	-27	22
Magnets	1,338	1,292	1,355	1,068	908	1,108
Growth (%)		-3	5	-21	-15	22
Aluminum (AEL)				5,818	6,981	8,236
Growth (%)					20	18
Total Consol Revenues	53,199	64,279	80,315	79,078	60,801	75,192
Growth (%)		21	25	-2	-23	24
EBITDA Margins	10.0	12.7	13.1	12.2	8.4	12.4
EBIT Margins	5.6	8.5	9.5	8.2	3.2	7.8
Adj. EPS (INR/Sh)	4.6	9.8	14.1	9.4	3.2	10.8
Growth (%)		111	45	-33	-66	233

Financials and valuations

V/E December CY16 CY17 CY18 CY19 CY20E Change (%) 30.6 37.6 20.8 24.9 1.5 79.078 60.801 Total Expenditure 30.02 47.88 55.136 69.805 69.401 55.683 69.805 69.401 55.683 69.805 69.01 55.683 69.805 69.01 55.683 69.805 69.01 55.683 69.805 69.01 55.683 69.805 69.01 50.83 51.86 69.805 69.16 1.970 5.118 Margin (%) 9.4 1.00 12.7 13.1 12.2 8.4 1.12 8.4 1.13 12.2 8.4 1.12 8.4 1.13 1.22 8.4 1.12 8.4 1.12 1.4 1.36 2.427 7.52 6.324 2.064 1.00 1.00 1.00 1.00 1.00 1.1 5.44 7.61 8.51 7.61 8.51 7.61 8.51 7.61 7.61 8.51 7.61	(INR m)							Consolidated – Income Statement
Change (%) -30.6 37.6 20.8 24.9 -1.5 -23.1 Total Expenditure 35,022 47,888 56,136 69,805 69,401 55,683 % of Sales 90.6 90.0 87.3 88.6.9 87.8 91.6 EBITDA 3,632 5,311 8,143 10,511 9,677 5,118 Margin (%) 9.4 10.0 1.7 13.1 12.2 8.4 Depreciation 1,630 2,325 2,663 2,867 3,161 3,148 EBIT for Charges 504 594 510 502 523 638 Other Income 287 314 268 387 331 732 PBT bef. EO Exp. 1,705 2,706 5,217 7,529 6,279 2,064 Cola Tax 239 926 1,483 2,043 2,741 841 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Intere	CY21E	CY20E	CY19	CY18	CY17	CY16	CY15 (9M)	Y/E December
Total Expenditure 35,022 47,888 56,136 69,805 69,401 55,683 % of Sales 90.6 90.0 87.3 80,60 87.8 91.6 Margin (%) 9,4 10.0 1.7.7 13.1 1.2.2 8.4 Depreciation 1,630 2,325 2,683 2,867 3,161 3,148 EBIT 2,002 2,985 5,660 7,643 6,516 1,970 Int. and Finance Charges 504 594 510 502 523 6,324 2,064 Other Income 287 314 268 387 331 732 PBT Deft EO Exp. 1,785 2,706 5,617 7,025 6,279 2,064 Total Tax 239 926 1,483 2,931 4,378 4,123 Minority Interest 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td>75,192</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	75,192							
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Margin (%) 9.4 10.0 12.7 13.1 12.2 8.4 Depreciation 1,630 2,325 2,683 2,867 3,161 3,148 Berr 2,002 2,985 5,640 7,643 6,516 1,970 Int. and Finance Charges 504 594 510 502 523 638 Other Income 287 314 268 387 331 732 PBT bef. EO Exp. 1,066 2,615 5,067 7,025 6,279 2,064 Total Tax 239 926 1,483 2,043 2,741 841 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0	87.6							
Depreciation 1,630 2,325 2,683 2,867 3,161 3,148 EBIT 2,002 2,985 5,460 7,643 6,516 1,970 Int. and Finance Charges 504 594 510 502 523 638 Other Income 287 314 268 387 331 732 PBT bef. EO Exp. 1,785 2,706 5,217 7,529 6,324 2,064 EO Items -779 -90 -151 -504 -46 0 PBT after EO Exp. 1,006 2,615 5,067 7,725 6,324 2,064 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0	9,313							
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Other Income 287 314 268 387 331 732 PBT bef. EO Exp. 1,785 2,706 5,217 7,529 6,324 2,064 C0 Items -779 -90 -151 -5.04 -46 0 PBT after EO Exp. 1,006 2,615 5,067 7,025 6,279 2,064 Total Tax 239 926 1,483 2,043 2,741 841 Minority Interest 0	5,880							EBIT
PBT bef. EO Exp. 1,785 2,706 5,217 7,529 6,324 2,064 EO Items -779 -90 -151 -504 -46 0 PBT after EO Exp. 1,006 2,615 5,067 7,025 6,279 2,064 Total Tax 239 926 1,483 2,043 2,741 841 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0	590	638						Int. and Finance Charges
E0 Items -779 -90 -151 -504 -46 0 PBT after E0 Exp. 1,006 2,615 5,067 7,025 6,279 2,064 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0 0 0 0 0 0 0 Reported PAT 767 1,689 3,584 4,981 3,538 1,223 Change (%) 38.2 28.4 111.2 44.7 -33.2 -65.7 Margin (%) 3.5 3.3 5.7 6.6 4.5 2.0 Consolidated – Balance Sheet Y/E December CY15 (9M) CY16 CY17 CY18 CY19 QY20E Equity Share Capital 3,233 3,761 3,784 3,780 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 43,751 Net orth 20,066 32,663 37,156 42,891 46,338	393	732	331	387	268	314	287	
PBT after EO Exp. 1,006 2,615 5,067 7,025 6,279 2,064 Total Tax 239 9,26 1,483 2,043 2,741 841 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0 0 0 0 0 0 0 0 0 Reported PAT 767 1,689 3,584 4,981 3,538 1,223 Adj. PAT 1,361 1,747 3,691 5,339 3,564 1,223 Change (%) 3.5 3.3 5.7 6.6 4.5 2.0 Consolidated – Balance Sheet Y/E December CY15 (9M) CY16 CY17 CY18 CY19 CY20E Equity Share Capital 3,233 3,781 3,784 3,788 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 43,771 Net Worth 20,066 32,663 37,156<	5,682	2,064	6,324	7,529	5,217	2,706	1,785	PBT bef. EO Exp.
Total Tax 239 926 1,483 2,043 2,741 841 Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0 0 0 0 0 0 0 Reported PAT 767 1,689 3,584 4,981 3,538 1,223 Change (%) 38.2 28.4 111.2 44.7 -33.2 -65.7 Margin (%) 3.5 3.3 5.7 6.6 4.5 2.0 Consolidated - Balance Sheet Y[2 December CY15 (9M) CY16 CY17 CY18 CY19 CY20E Equity Share Capital 3,233 3,781 3,784 3,788 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 44,371 Net Worth 20,066 37,056 42,891 46,338 47,610 Dinority Interest 0 0 0 0 0 0 <td< td=""><td>0</td><td>0</td><td>-46</td><td>-504</td><td>-151</td><td>-90</td><td>-779</td><td></td></td<>	0	0	-46	-504	-151	-90	-779	
Tax Rate (%) 23.7 35.4 29.3 29.1 43.7 40.8 Minority Interest 0<	5,682	2,064	6,279	7,025	5,067	2,615	1,006	PBT after EO Exp.
Minority Interest 0 0 0 0 0 Reported PAT 767 1,689 3,584 4,981 3,588 1,223 Adj. PAT 1,361 1,747 3,691 5,339 3,564 1,223 Change (%) 3.82 2.84 111.2 44.7 -33.2 -65.7 Margin (%) 3.5 3.3 5.7 6.6 4.5 2.0 Consolidated – Balance Sheet V/E December CY15 (9M) CY16 CY17 CY18 CY19 CY20E Equity Share Capital 3,233 3,781 3,784 3,788 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 43,771 Net Worth 20,066 32,663 37,155 912 912 912 Deferred Tax Liabilities -1,429 -1,710 -1,629 -1,565 912 912 Capital Employed 29,484 44,575 47,496 57,460<	1,608	841	2,741	2,043	1,483	926	239	Total Tax
Reported PAT 767 1,689 3,584 4,981 3,538 1,223 Adj. PAT 1,361 1,747 3,691 5,339 3,564 1,223 Change (%) 38.2 28.4 111.2 44.7 -33.2 -65.7 Margin (%) 3.5 3.3 5.7 6.6 4.5 2.0 Consolidated – Balance Sheet Y/E December CY15 (9M) CY16 CY17 CY18 CY19 CY20E Equity Share Capital 3,233 3,781 3,784 3,788 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 43,771 Net Worth 20,066 32,663 37,156 42,891 46,338 47,561 Minority Interest 0 0 0 0 0 0 0 Total Lons 10,847 13,621 11,969 16,134 14,691 46,478 Less: Accum. Deprn. 2,9355 5,077 9,279 </td <td>28.3</td> <td>40.8</td> <td>43.7</td> <td>29.1</td> <td>29.3</td> <td>35.4</td> <td>23.7</td> <td>Tax Rate (%)</td>	28.3	40.8	43.7	29.1	29.3	35.4	23.7	Tax Rate (%)
Adj. PAT1,3611,7473,6915,3393,5641,223Change (%)38.228.4111.244.7-33.2-65.7Margin (%)3.53.35.76.64.52.0Consolidated – Balance SheetY/E DecemberCY16CY17CY18CY19CY20EEquity Share Capital3,2333,7813,7843,7883,7903,790Total Reserves16,83328,88233,37239,10342,54843,771Net Worth20,06632,66337,15642,89146,33847,561Minority Interest000000Total Less-1,429-1,710-1,629-1,565912912Capital Employed29,48444,57547,49657,46061,94163,164Gross Block16,50022,91228,41832,23542,93646,478Less: Accum. Deprn.2,9355,0779,27912,29417,61920,767Net Fixed Assets13,56517,33519,13319,94125,31625,710Goodwill on Consolidation19,36427,33828,36429,11135,260Capital WIP5599676029605421,000Capital WIP55995550,7035,9847,4147,368Courr. Assets, Loans&Adv.15,84420,10924,70526,45523,55319,298Inventory7,18	0	0	0	0	0	0	0	Minority Interest
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Margin (%) 3.5 3.3 5.7 6.6 4.5 2.0 Consolidated – Balance Sheet YE Occember CY15 (9M) CY16 CY17 CY18 CY19 CY20E Equity Share Capital 3,233 3,781 3,784 3,784 3,788 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 43,771 Net Worth 20,066 32,663 37,156 42,891 46,338 47,561 Minority Interest 0 3	4,074	1,223	3,564	5,339	3,691	1,747	1,361	Adj. PAT
Consolidated – Balance Sheet Y/E December CY15 (9M) CY16 CY17 CY18 CY19 CY20E Equity Share Capital 3,233 3,781 3,784 3,788 3,790 3,790 Total Reserves 16,833 28,882 33,372 39,103 42,548 43,771 Net Worth 20,066 32,663 37,156 42,891 46,338 47,561 Minority Interest 0 <	233.1	-65.7	-33.2	44.7	111.2	28.4	38.2	Change (%)
Y/E DecemberCY15 (9M)CY16CY17CY18CY19CY20EEquity Share Capital3,2333,7813,7843,7883,7903,790Total Reserves16,83328,88233,37239,10342,54843,771Net Worth20,06632,66337,15642,89146,33847,561Minority Interest000000Total Loans10,84713,62111,96916,13414,691Deferred Tax Liabilities-1,429-1,710-1,629-1,565912Capital Employed29,48444,57547,49657,46061,94163,164Gross Block16,50022,91228,41832,23542,93646,478Less: Accum. Deprn.2,9355,0779,27912,29417,61920,767Net Fixed Assets13,56517,83519,13919,94125,31625,710Goodwill on Consolidation19,36427,33828,36429,11135,26035,260Capital NuP5599676029605421,000Total Investments6713895506,808955955Curr. Assets, Loans&Adv.15,84420,10924,70526,45523,55319,298Inventory7,1898,3529,89812,28610,5668,848Account Receivables3,8315,2195,9847,4147,3685,664Cash and Bank Balance502 <t< td=""><td>5.4</td><td>2.0</td><td>4.5</td><td>6.6</td><td>5.7</td><td>3.3</td><td>3.5</td><td>Margin (%)</td></t<>	5.4	2.0	4.5	6.6	5.7	3.3	3.5	Margin (%)
Y/E DecemberCY15 (9M)CY16CY17CY18CY19CY20EEquity Share Capital3,2333,7813,7843,7883,7903,790Total Reserves16,83328,88233,37239,10342,54843,771Net Worth20,06632,66337,15642,89146,33847,561Minority Interest000000Total Loans10,84713,62111,96916,13414,691Deferred Tax Liabilities-1,429-1,710-1,629-1,565912Capital Employed29,48444,57547,49657,46061,94163,164Gross Block16,50022,91228,41832,23542,93646,478Less: Accum. Deprn.2,9355,0779,27912,29417,61920,767Net Fixed Assets13,56517,83519,13919,94125,31625,710Goodwill on Consolidation19,36427,33828,36429,11135,26035,260Capital NuP5599676029605421,000Total Investments6713895506,808955955Curr. Assets, Loans&Adv.15,84420,10924,70526,45523,55319,298Inventory7,1898,3529,89812,28610,5668,848Account Receivables3,8315,2195,9847,4147,3685,664Cash and Bank Balance502 <t< td=""><td>(</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	(
Equity Share Capital3,2333,7813,7843,7883,7903,790Total Reserves16,83328,88233,37239,10342,54843,771Net Worth20,06632,66337,15642,89146,33847,561Minority Interest000000Total Loans10,84713,62111,96916,13414,69114,691Deferred Tax Liabilities-1,429-1,710-1,629-1,565912912Capital Employed29,48444,57547,49657,46061,94163,164Gross Block16,50022,91228,41832,23542,93646,478Less: Accum. Deprn.2,9355,0779,27912,29417,61920,767Net Fixed Assets13,56517,83519,13919,94125,31625,710Goodwill on Consolidation19,36427,33828,36429,11135,26035,260Capital Investments6713895506,808955955Curr. Assets, Loans&Adv.15,84420,10924,70526,45523,55319,298Inventory7,1898,3529,89812,28610,5668,848Account Receivables3,8315,2195,9847,4147,3685,664Cash and Bank Balance5029817191,1271,499530Loans and Advances4,3235,5578,1035,6284,1204,256<	(INR m)							
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Curr. Assets, Loans&Adv.15,84420,10924,70526,45523,55319,298Inventory7,1898,3529,89812,28610,5668,848Account Receivables3,8315,2195,9847,4147,3685,664Cash and Bank Balance5029817191,1271,499530Loans and Advances4,3235,5578,1035,6284,1204,256Curr. Liability & Prov.20,52022,06325,86525,81523,68619,059Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	1,000			960	602	967		Capital WIP
Inventory7,1898,3529,89812,28610,5668,848Account Receivables3,8315,2195,9847,4147,3685,664Cash and Bank Balance5029817191,1271,499530Loans and Advances4,3235,5578,1035,6284,1204,256Curr. Liability & Prov.20,52022,06325,86525,81523,68619,059Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	955		955	6,808	550		671	Total Investments
Account Receivables3,8315,2195,9847,4147,3685,664Cash and Bank Balance5029817191,1271,499530Loans and Advances4,3235,5578,1035,6284,1204,256Curr. Liability & Prov.20,52022,06325,86525,81523,68619,059Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	26,162	19,298	23,553	26,455	24,705	20,109	15,844	Curr. Assets, Loans&Adv.
Cash and Bank Balance5029817191,1271,499530Loans and Advances4,3235,5578,1035,6284,1204,256Curr. Liability & Prov.20,52022,06325,86525,81523,68619,059Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	10,468						7,189	Inventory
Loans and Advances4,3235,5578,1035,6284,1204,256Curr. Liability & Prov.20,52022,06325,86525,81523,68619,059Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	7,004	5,664	7,368	7,414	5,984	5,219	3,831	Account Receivables
Curr. Liability & Prov.20,52022,06325,86525,81523,68619,059Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	3,426	530	1,499	1,127	719	981		Cash and Bank Balance
Account Payables14,06315,25815,74316,83814,77112,205Other Current Liabilities3,2993,3166,4775,0384,7453,648Provisions3,1583,4893,6443,9394,1703,206	5,263	4,256	4,120	5,628	8,103	5,557	4,323	
Other Current Liabilities 3,299 3,316 6,477 5,038 4,745 3,648 Provisions 3,158 3,489 3,644 3,939 4,170 3,206	22,916	19,059	23,686	25,815	25,865	22,063	20,520	Curr. Liability & Prov.
Provisions 3,158 3,489 3,644 3,939 4,170 3,206	14,439	12,205	14,771	16,838	15,743	15,258	14,063	Account Payables
	4,511	3,648	4,745	5,038	6,477	3,316	3,299	Other Current Liabilities
	3,965	3,206	4,170	3,939	3,644	3,489	3,158	Provisions
	3,246		-133					Net Current Assets
Appl. of Funds 29,484 44,575 47,496 57,460 61,941 63,164	67,238	63,164	61,941	57,460				Appl. of Funds

E: MOFSL Estimates

Financials and valuations

Ratios							
Y/E December	CY15 (9M)	CY16	CY17	CY18	CY19	CY20E	CY21E
Basic (INR)							
EPS	3.6	4.6	9.8	14.1	9.4	3.2	10.8
Cash EPS	7.9	10.8	16.9	21.7	17.8	11.6	19.9
BV/Share	53.1	86.4	98.3	113.4	122.6	125.8	136.6
DPS	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Payout (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Valuation (x)							
P/E	38.1	29.7	14.1	9.7	14.6	42.4	12.7
Cash P/E	17.4	12.7	8.1	6.3	7.7	11.9	6.9
P/BV	2.6	1.6	1.4	1.2	1.1	1.1	1.0
EV/Sales	1.6	1.2	1.0	0.8	0.8	1.1	0.8
EV/EBITDA	17.1	12.2	7.8	6.4	6.7	12.9	6.8
Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FCF per share	12.7	2.3	5.3	7.9	16.0	-2.8	8.2
Return Ratios (%)							
RoE	7.0	6.6	10.6	13.3	8.0	2.6	8.2
RoCE (Post-tax)	5.5	5.8	8.8	10.9	6.5	2.6	6.9
RoIC	5.2	5.5	8.8	11.5	6.8	2.0	6.9
Working Capital Ratios							
Fixed Asset Turnover (x)	2.3	2.3	2.3	2.5	1.8	1.3	1.5
Asset Turnover (x)	1.3	1.2	1.4	1.4	1.3	1.0	1.1
Inventory (Days)	68	57	56	56	49	53	51
Debtor (Days)	36	36	34	34	34	34	34
Creditor (Days)	133	105	89	77	68	73	70
Leverage Ratio (x)							
Net Debt/Equity	0.5	0.4	0.3	0.2	0.3	0.3	0.2
Consolidated – Cash Flow Statement							(INR m)
Y/E December	CY15 (9M)	CY16	CY17	CY18	CY19	CY20E	CY21E
OP/(Loss) before Tax	1,006	2,616	5,067	7,025	6,279	2,064	5,682
Depreciation	1,630	2,325	2,734	2,898	3,168	3,148	3,433
Interest & Finance Charges	504	594	545	525	525	-95	198
Direct Taxes Paid	-261	-593	-1,077	-1,444	-1,161	-841	-1,608
(Inc)/Dec in WC	3,857	-1,881	-2,193	-1,769	1,556	-1,341	-111
CF from Operations	6,736	3,060	5,076	7,235	10,367	2,936	7,594
Others	60	-21	46	-155	-94	0	0
CF from Operating incl EO	6,796	3,040	5,122	7,080	10,273	2,936	7,594
(Inc)/Dec in FA	-2,006	-2,158	-3,105	-4,101	-4,238	-4,000	-4,500
Free Cash Flow	4,790	882	2,017	2,979	6,035	-1,064	3,094
(Pur)/Sale of Investments	-295	284	-183	-6,201	-1,871	0	0
Others	49	-6,434	260	129	219	732	393
CF from Investments	-2,252	-8,308	-3,028	-10,173	-5,890	-3,268	-4,107
Issue of Shares	28	4,525	66	57	30	0	0
Inc/(Dec) in Debt	-4,627	1,817	-1,877	4,089	-3,545	0	0
Interest Paid	-337	-594	-545	-525	-525	-638	-590
Dividend Paid	0	0	0	0	0	0	0
Others	0	0	0	0	0	0	0
CF from Fin. Activity	-4,936	5,748	-2,356	3,621	-4,040	-638	-590
Inc/Dec of Cash	-391	480	-262	528	343	-970	2,896
Opening Balance	893	502	981	719	1,247	1,590	620
Closing Balance	502	981	719	1,247	1,590	620	3,517

NOTES

Explanation of Investment Rating						
Investment Rating	Expected return (over 12-month)					
BUY	>=15%					
SELL	< - 10%					
NEUTRAL	< - 10 % to 15%					
UNDER REVIEW	Rating may undergo a change					
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation					

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