

# Ashok Leyland

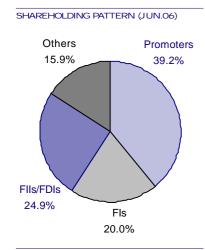
STOCK INFO. BSE Sensex: 11,724	BLOOMBERG AL IN	30 Au	ıgust 2006									Buy
S&P CNX: 3,430	REUTERS CODE ASOK.BO	Previo	ous Recomn	nendatio	n: Buy	,						Rs40
Equity Shares (m)	1,221.6	YEAR	NET SALES	PAT	EPS	EPS	P/E	P/BV	ROE	ROCE	EV/	EV/
52-Week Range	54/23	END	(RS M)	(RS M)	(RS)	GROWTH (%)	(X)	(X)	(%)	(%)	SALES	EBITDA
1,6,12 Rel. Perf. (%	) 5/-9/-12	3/06A	52,477	2,837	2.3	21.7	17.1	3.4	21.6	19.6	0.9	8.5
M.Cap. (Rs b)	48.6	3/07E	61,831	4,125	3.1	34.2	12.8	3.2	25.3	24.6	8.0	6.9
M.Cap. (US\$ b)	1.0	3/08E	69,586	4,676	3.5	13.4	11.3	2.9	25.4	27.6	0.6	5.7

**Witnessing strong volume growth:** Post the ban on overloading in November 2005, Ashok Leyland has been reporting strong M&HCV sales. The company has maintained its strong growth momentum in FY07 as well, registering YTD volume growth of 26.7%. We are upgrading our volume forecast for FY07 by 5.9% to 72,411 units and for FY08 by 8.3% to 81,462 units. Our revised volume growth assumption translates into a residual growth of 14% for rest of FY07.

**Product mix tilting towards heavier tonnage vehicles:** Ashok Leyland's dependence of 16T trucks and passenger buses is declining, which is positive in our view. It has expanded its domestic market share in the 16.2-25 ton segment from 50.3% in 1QFY06 to 64.8% in 1QFY07. Further, sales in the 35 ton+ segment have also increased multifold. This segment constituted 15% of Ashok Leyland's domestic volumes in 1QFY07, up from just 3.7% in 1QFY06.

**Avia acquisition to help boost exports:** Ashok Leyland is in the process of acquiring Avia's truck business, which will give it a foothold in Eastern Europe. Avia's truck manufacturing facility has a capacity of 20,000 units. Besides boosting exports, Avia's acquisition would also help Ashok Leyland gain a presence in ICVs (7-11 ton). Ashok Leyland expects exports to constitute 25% of its total volumes by FY09, up from the current 10%.

**Revising estimates upwards**; **Buy:** Ashok Leyland's efforts to effectively manage costs should yield benefits in FY07 and FY08. We estimate a 90bp improvement in EBITDA margin over FY06-08. We have raised our EBITDA margin expectation by 20bp to 10.9% for FY07 and by 10bp to 11.2% for FY08. Our revised EPS estimates are Rs3.1 for FY07 and Rs3.5 for FY08. The stock trades at 12.8x FY07E and 11.3x FY08E EPS. We reiterate **Buy.** 





## Witnessing strong volume growth

Post the ban on overloading in November 2005, Ashok Leyland has been reporting strong M&HCV sales. The company has maintained its strong growth momentum in FY07 as well, registering YTD volume growth of 26.7%. Considering the buoyant growth, we are upgrading our volume forecast for FY07 by 5.9% to 72,411 units and for FY08 by 8.3% to 81,462 units. Our revised volume growth assumption translates into a residual growth of 14% for rest of FY07.

RESIDUAL GROWTH OF 14% REQUIRED TO MEET OUR FY07 ESTIMATE

ASHOK LEYLAND	FY07	FY06	GR. (%)
July Sales (Units)	5,231	4,283	22.1
YTD FY07 Sales (Units)	22,298	17,603	26.7
Our FY07 Estimate Sales (Units)	72,411	61,626	17.5
Residual Growth Req. (%)	14		
YTD HCV Sales (Units)	22,183	17,433	27.2
YTD LCV Sales (Units)	115	170	-32.4

Source: Company/ Motilal Oswal Securities

The company expects volumes of 75,000 vehicles (25% growth) for FY07 and 90,000 vehicles (16% growth) for FY08.

OUR VOLUME EXPECTATIONS ARE LOWER THAN THE COMPANY'S

	FY07	FY08
Our Estimate (Units)	72,411	81,462
Company Expectations (Units)	75,000	90,000
% Difference	-3.5	-9.5

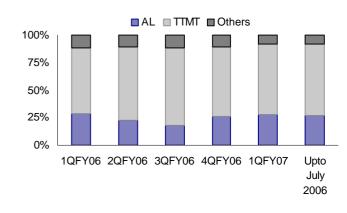
Source: Company/ Motilal Oswal Securities

# Product mix tilting towards heavier tonnage vehicles

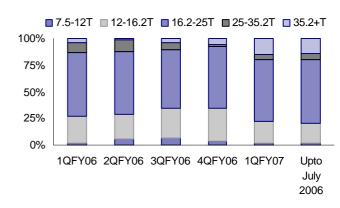
Ashok Leyland's dependence of 16T trucks and passenger buses is declining, which is positive in our view. The company is benefiting from the multifold increase in tractor-trailer sales, as well as from the strong demand for 16.2-25 ton rigid vehicles. It has expanded its domestic market share in the 16.2-25 ton segment from 50.3% in 1QFY06 to 64.8% in 1QFY07 (although its share has dipped for YTD FY07 to 61.5%).

Further, sales in the 35 ton+ segment have also increased multifold – an industry-wide phenomenon. This segment constituted 15% of Ashok Leyland's total volumes in 1QFY07 (14.4% YTD FY07), up from just 3.7% in 1QFY06.





ASHOK LEYLAND'S PRODUCT MIX (%)



Source: Company/ Motilal Oswal Securities

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Currently, 18% of the CV population in India is above 15 years of age. Most of these are lower tonnage vehicles. As the ban on overloading has made it more economical for transporters to operate trucks with higher payloads, we expect greater demand for higher tonnage vehicles in the replacement market. The trend of higher tonnage CVs gaining market share has been evident since April 2006 and is likely to be sustained in our opinion. As far as Ashok Leyland is concerned, we expect strong demand growth for its *Artik*, *4018* and *Hippo Tipper*.

#### ASHOK LEYLAND'S OFFERINGS

SEGMENT	GVW	AL MODEL IN	TYPICAL HAULAGE	TYPICAL
		THE SEGMENT*	SEGMENT	APPLICATION
MCVs	12-16.2	ALL Comet	All terrain especially meant for hilly	Medium to heavy duty applications
	ton		areas, highways, metallic roads and	Cement, coal, consturction material, Industrial goods
			non-concretised roads, off-highway	Agricultural produce, Auto and Auto components, etc.
			applications	
MAVs	16.2-25	ALL 2516H,	All terrain long distances, on and off	Heavy density loads, cement concrete mixers, Cement-
	ton		highway application, metallic and non-	bulk & bags, construction material containers, tankers,
			concretised roads	petrochemicals & petroleum products, fertilizers, food
				grains, coal, timber, iron ore, minerals
Tractor	26.2-35.2	ALL Artik	All terrain long distances, highway	Usually used by port cargo
trailers	ton	30.14	application	
	>35.2	ALL 4018	All terrain long distances, highway	Usually used by port cargo
	ton		application	
Tipper	12-16.2	ALL Comet	All terrain especially meant for hilly areas,	Usually used for mining and construction
	ton	Tipper	for mining & construction	
	16.2-25	ALL Hippo	All terrain long distances, on and off	Usually used for mining and construction
	ton	Tipper	highway application, metallic and non-	
			concretised roads	

\*list is not exhaustive Source: Crisinfac

# Higher productivity; cost reduction to enhance margins

We expect cost reduction (e-sourcing of materials) and productivity improvement measures to drive up margins over the next two years. Employee cost has declined from 9.8% of sales in 1QFY06 to 9.1% in 1QFY07. Other expenses as a percentage of sales declined 210bp YoY to 9.1% in 1QFY07. While the management is confident that margins would expand by 200bp over the next two years, we estimate a 90bp margin improvement over FY06-FY08.

Also, the price increases announced by Ashok Leyland in April 2006 have been implemented in June 2006. If raw material prices increase considerably, there would be another price hike in FY07. Factoring in both higher than anticipated volume growth and price hikes, we have revised our net sales estimates for FY07 and FY08 by 4.7% and 4.9%, respectively. We have upgraded our EPS estimates by 8% for FY07 and by 6.6% for FY08.

#### REVISING ESTIMATES UPWARDS

OLD	REVISED	% CH.
68,405	72,411	5.9
59,031	61,831	4.7
6,322	6,740	6.6
3,824	4,125	7.9
2.9	3.1	8.0
75,245	81,462	8.3
66,325	69,586	4.9
7,336	7,794	6.2
4,375	4,676	6.9
3.3	3.5	6.6
	68,405 59,031 6,322 3,824 2.9 75,245 66,325 7,336 4,375	68,405 72,411 59,031 61,831 6,322 6,740 3,824 4,125 2.9 3.1 75,245 81,462 66,325 69,586 7,336 7,794 4,375 4,676

Source: Motilal Oswal Securities

### Avia acquisition to help boost exports

Ashok Leyland is in the process of acquiring Avia's truck business, which will give it a foothold in Eastern Europe. Once the acquisition is completed, the company intends to shift Avia's press tool and dies to India. However, cab manufacturing is likely to be carried on in Europe. The longer-term plan is to bring Avia's cab into all of Ashok Leyland's products.

Avia's truck manufacturing facility has a capacity of 20,000 units, but it is currently utilizing only 10% of its installed capacity. Over the next 12-18 months, Ashok Leyland plans to take this up to 30% and also expects to break even by then. Besides, boosting exports, Avia's acquisition would also help Ashok Leyland gain a presence in ICVs (7-11 ton). For a presence in the sub-3.5 ton segment, however, the company may have to look at another acquisition.

Ashok Leyland expects exports to constitute 25% of its total volumes by FY09, up from the current 10%. To buoy exports, it is setting up an assembly unit in Dubai and a plant in South Africa. The company envisages export of 3,000 vehicles per annum to South Africa, which translates into a target of 20% share of the CV market there. Its focus on exports would help de-risk business revenues.

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Source: Motilal Oswal Securities

# Focus on non-cyclical segments to help hedge CV business risk

The company is also attempting to increase its focus on non-cyclical business sources – defense, spare parts, exports, industrial/marine engine sales, etc. Sales of ferrous castings, engines and spare parts constituted 15% of its gross sales in FY06.

# Capacity expansion is on track

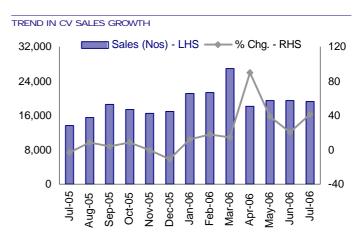
Ashok Leyland is undergoing capacity expansion in two phases. In the first phase, its capacity would go up from 77,200 units currently to 110,000 units in FY08 – an increase of 42.5%. In the second phase, the company would increase capacity by a further 40,000 units to 150,000 units besides expanding cab building capacity from 40,000 units to 100,000 units. The total outlay for these expansions would be Rs10b. To fund this capex and the acquisition of Avia, Ashok Leyland already got the board's approval to raise US\$150m.

#### IndusInd stake sale is on the cards

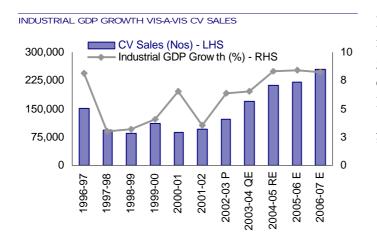
Ashok Leyland is likely to sell its stake in IndusInd Bank, which could result in pre-tax gains of about Rs220m (not factored in our estimates).

### Sector outlook positive

We remain positive on the prospects of the CV industry due to the ongoing infrastructure development activity in the country, and the continuing impact of the ban on overloading implemented last year. With industrial growth expected to remain at the high trend levels of recent years, the share of roads in total freight movement is expected to move up from 66-67% in 2004-05 to 71-72% in 2009-10.



Source: SIAM/ Motilal Oswal Securities



P; Provisional, Q; Quick estimate, RE; Revised estimates

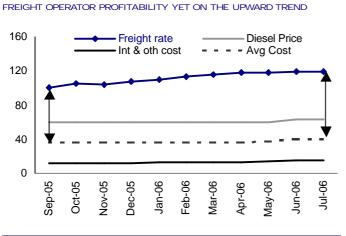
Source: SIAM/ RBI/Motilal Oswal Securities

## Policy changes may provide upside

Policy changes in the form of scrapping over-aged trucks may result in increased demand subject to stringent implementation. As per Cris-Infac estimates, over 18% of the CV population is above 15 years of age, which may mean annual replacement demand of 0.4m - 0.5m vehicles.

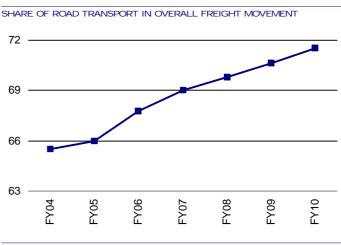
#### Freight rates remain strong

The freight rates have remained firm, thereby quelling any near-term concerns. Fears over lower freight operator profitability too are unfounded, as the rise in the input costs has yet not impacted their performance negatively. The freight rate rise over the past few months has been sufficient to ensure their profitability.



Source: Company/ Motilal Oswal Securities

Road development, hub and spoke model, and need for lastmile transport mean that roads are expected to continue to gain share in cement and other industrial products and in consumer goods and capital goods due to a more suitable load and distribution network pattern.



Source: Cris-Infac

# No major impact on cost of ownership of new CVs

We also believe that there is no significant impact on the cost of ownership of new commercial vehicles due to factors such as the rising interest rate and increased diesel prices.

OWNERSHIP COST OF A NEW COMMERCIAL VEHICLE

	FY06	RECENT PRICE HIKE
Average Cost of CV (Rs)	900,000	915,000
Finance (%)	90	90
Loan Amount (Rs)	810,000	823,500
Interest Rate (%)	11	13
Duration (Months)	60	60
Monthly EMI (Rs)	17,611	18,527
Per Day Usage (km)	280	280
Fuel Efficiency (km/lt)	4	4
Diesel Price (per lt)	37.6	39.7
Fuel Cost per Month (Rs)	78,960	83,286
Annual Maintainance Cost (Rs)	18,000	18,000
Monthly Maintainance Cost (Rs)	1,500	1,500
Ownership Cost (per Month) (Rs)	98,071	103,313
% Increase		5.3

Source: Company/ Motilal Oswal Securities

With strong growth continuing to stream in, no significant increase in the ownership costs, and continued profitability of the truck operators, we maintain our bullish stance on the sector.

 $Motilal \ Oswal$  Ashok Leyland

### Valuation and view

Ashok Leyland's efforts to effectively manage costs should yield benefits in FY07 and FY08. We estimate a 90bp improvement in EBITDA margin over FY06-08. We have raised our EBITDA margin expectation by 20bp to 10.9% for FY07 and by 10bp to 11.2% for FY08.

We believe that the structural factors aiding CV industry growth are in place. We expect Ashok Leyland to maintain strong volume growth over the next two years. Our revised EPS estimates are Rs3.1 for FY07 and Rs3.5 for FY08. The stock trades at 12.8x FY07E and 11.3x FY08E EPS. We reiterate **Buy** with a target of Rs49.

 $Motilal\ Oswal$  Ashok Leyland

INCOME STATEMENT				(Rs	Million)
Y/E MARCH	2004	2005	2006	2007E	2008E
Net Sales	33,920	41,824	52,477	61,831	69,586
Change (%)	25.7	23.3	25.5	17.8	12.5
Raw Material	23,228	29,729	37,690	44,085	49,545
Employee Cost	3,097	3,540	4,039	4,823	5,289
Other Mfg. Expenses	1,873	2,096	2,407	2,937	3,305
Selling & Distribution	1,775	2,230	2,940	3,246	3,653
EBITDA	3,946	4,228	5,401	6,740	7,794
Change (%)	23.2	7.2	27.7	24.8	15.6
% of Net Sales	11.6	10.1	10.3	10.9	11.2
Depreciation	965	1,092	1,260	1,387	1,505
Interest & Finance Charge	594	304	384	243	253
Other Income	572	554	330	620	643
Non-recurring Expense	95	95	85	-	-
Non-recurring Income	-	260	302	-	-
PBT	2,959	3,386	4,087	5,729	6,679
Tax	929	836	1,250	1,604	2,004
Effective Rate (%)	31.4	24.7	30.6	28.0	30.0
Adj. PAT (bef. Extra)	2,031	2,550	2,837	4,125	4,676
% of Net Sales	63.7	25.6	11.3	45.4	13.4
Rep. PAT	1,936	2,715	3,054	4,125	4,676

RATIOS					
Y/E MARCH	2004	2005	2006	2007E	2008E
Basic (Rs)					
EPS	1.6	1.9	2.3	3.1	3.5
Cash EPS	2.5	3.1	3.4	4.2	4.7
EPS Growth (%)	70.8	17.2	21.7	34.2	13.4
Book Value per Share	8.8	9.8	11.6	12.3	13.9
DPS	8.0	1.0	1.3	1.7	2.1
Payout (Incl. Div. Tax) %	46.1	48.7	52.3	50.0	55.0
Valuation (x)					
P/E		20.8	17.1	12.8	11.3
Cash P/E		13.0	11.9	9.5	8.5
EV/EBITDA		10.8	8.5	6.9	5.7
EV/Sales		1.1	0.9	0.8	0.6
Price to Book Value		4.0	3.4	3.2	2.9
Dividend Yield (%)		2.5	3.3	4.2	5.3
Profitability Ratios (%)					
RoE	18.4	23.2	21.6	25.3	25.4
RoCE	20.5	16.6	19.6	24.6	27.6
Leverage Ratio					
Debt/Equity (x)	0.5	0.8	0.5	0.4	0.3

BALANCE SHEET				(Rs	s Million)
Y/E MARCH	2004	2005	2006	2007E	2008E
Share Capital	1,189	1,189	1,222	1,324	1,324
Reserves	9,329	10,489	12,903	14,965	17,069
Net Worth	10,518	11,679	14,125	16,289	18,393
Loans	4,989	8,804	6,919	6,169	4,919
Deferred Tax Liability	1,803	1,708	1,797	1,797	1,797
Capital Employed	17,310	22,191	22,841	24,255	25,109
Gross Fixed Assets	18,756	20,023	21,385	24,199	25,249
Less: Depreciation	10,008	11,084	11,952	13,339	14,844
Net Fixed Assets	8,748	8,938	9,433	10,860	10,405
Investments	1,466	2,292	3,682	3,682	3,682
Curr.Assets, L & Adv	14,637	21,573	22,324	23,302	26,098
Inventory	5,069	5,681	9,026	9,317	10,486
Sundry Debtors	4,056	4,588	4,243	5,082	5,719
Cash & Bank Balances	3,250	7,967	6,029	8,713	9,703
Loans & Advances	2,261	3,337	3,026	190	190
Current Liab. & Prov.	8,327	11,657	14,085	13,662	15,149
Sundry Creditors	6,041	8,619	10,460	11,858	13,345
Other Liabilities	816	993	1,009	1,009	1,009
Provisions	1,470	2,045	2,616	794	794
Net Current Assets	6,310	9,916	8,239	9,641	10,949
M iscellaneous Exp.	323	193	73	73	73
<b>Application of Funds</b>	17,310	22,191	22,841	24,255	25,109

	Т				Million)
Y/E MARCH	2004	2005	2006	2007E	2008E
OP/(Loss) before Tax	2,981	3,136	4,141	5,352	6,289
Depreciation & Amortisat	965	1,092	1,260	1,387	1,505
Direct Taxes Paid	-811	-930	-1,161	-1,604	-2,004
(Inc)/Dec in Working Capi	1,876	1,241	-141	1,283	-319
Other Items	-120	-365	957	0	0
CF from Oper. Activi	4,890	4,174	5,056	6,418	5,471
Extra-ordinary Items	-95	165	217	0	0
CF after EO Items	4,795	4,339	5,273	6,418	5,471
(Inc)/Dec in FA+CWIP	-777	-1,671	-2,317	-1,400	-1,050
(Pur)/Sale of Invest.	110	-826	-1,390	0	0
CF from Inv. Activity	-667	-2,497	-3,707	-1,400	-1,050
Issue of Shares	0	0	32	102	0
Inc/(Dec) in Debt	-2,183	3,815	-1,885	-750	-1,250
Interest Rec./(Paid)	-22	250	-54	376	390
Dividends Paid	-892	-1,189	-1,598	-2,062	-2,572
CF from Fin. Activity	-3,097	2,875	-3,504	-2,334	-3,431
Inc/(Dec) in Cash	1,031	4,717	-1,938	2,685	990
Add: Beginning Balance	2,219	3,250	7,967	6,029	8,713
Closing Balance	3,250	7,967	6,029	8,713	9,703

E: M OSt Estimates



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	Disclosure of Interest Statement	Ashok Leyland
1	. Analyst ownership of the stock	No
2	. Group/Directors ownership of the stock	No
3	Broking relationship with company covered	No
4	. Investment Banking relationship with company covered	d No

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