Initiating Coverage | 24 June 2016 Sector: Consumer

## **Manpasand Beverages**

## MOTILAL OSWAL



# Juicing it up

Niket Shah (Niket.Shah@MotilalOswal.com); +91 22 3982 5426

Chintan Modi (Chintan.Modi@MotilalOswal.com); +9122 39825422 / Kaustubh Kale

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## **Manpasand Beverages**

**BSE Sensex** 26,398



#### Stock Info

Bloomberg	MANB IN
Equity Shares (m)	50.1
52-Week Range (INR)	588/286
M.Cap. (INR b)	26.1
M.Cap. (USD b)	0.4
1, 6, 12 Rel. Per (%)	-3/16/-
Avg Val, (INR m)	31
Free float (%)	49.6

#### Financial Snapshot (INR b)

Y/E Mar	2016	2017E	2018E
Sales	5.6	8.4	12.3
EBITDA	1.1	1.7	2.5
NP	0.5	0.8	1.3
EPS (Rs)	10.1	16.7	26.8
EPS Gr. (%)	26.7	65.0	60.6
BV/Sh. (INR)	120.2	135.2	159.3
RoE (%)	11.4	11.6	16.2
RoCE (%)	12.2	13.1	18.2
P/E (x)	51.5	31.2	19.4
P/BV (x)	4.3	3.8	3.3

#### Shareholding pattern (%)

As On	Mar-16	Dec-15	Sep-15
Promoter	50.4	50.4	50.4
Public	49.6	49.6	49.6
Others	-	-	-

#### Manpasand Beverages Juicing it up



Please click here for Video Link

#### **CMP: INR520**

S&P CNX

8,089

**TP: INR750 (+44%)** 

**Buy** 

Manpasand Beverages (MANB) is leading player in beverages segment through its flagship product Mango Sip, a mango-based fruit drink launched in 1997. The product contributed 80% to revenues in FY16 (97% in FY14). To diversify the portfolio, MANB launched Fruits Up in FY15, a premium fruit drink (Carbonated and non-carbonated) in mango, litchi, guava, apple, orange and mixed fruit flavors. It recently launched its natural coconut water through brand Coco Sip in May 2016. In 2015, it raised INR 4b through IPO to set up a manufacturing facility in Haryana (INR.1.5b), modernization of existing plants and repay the entire long-term debt (INR1b).

## Juicing it up

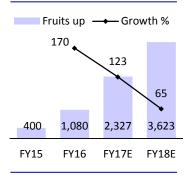
Expanding capacity by 80% over FY16-18 to bolster growth

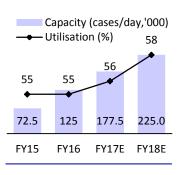
- MANB is expected to improve its market share from 5% in 2016 and 7.5% in 2018 in INR 132bn fruit juice market.
- Low penetration of 30% and per capita annual consumption of soft drinks in India at 16 ltrs v/s 166 ltrs in the US, provide significant market opportunities for growth.
- Mango sip has been able to gain significant market share over last few years on back of its strategy to focus on rural India which contributes 55% of revenues.
- MANB expanded the product portfolio by launching Fruits Up (Carbonated and non-carbonated) in FY15 which now contributes 20% to revenues in FY16. It recently launched natural coconut water under brand Coco Sip.
- It has 200,000 retailers, 2,000 distributors, 200+ super stockists, and plans to add 500–1000 distributors in the medium term with a special focus on south India where it has a low penetration.
- Strategically expanding its capacities by 80% over FY16-18 (capex of INR3.2b) into north and south India will not only address the supply side issues but also help to reduce logistics cost and improve working capital cycle going forward.
- MANB to clock 49% revenue CAGR and 63% PAT CAGR over FY16-18E. We value the stock at PE of 28x FY18 EPS (~0.3x PEG v/s ~ 1.6x of consumer peers). We initiate coverage with a 'Buy' with TP of INR750 (~44% upside).

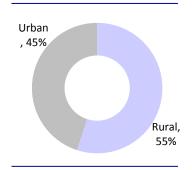
#### Set to gain market share in INR 132b fruit juice market

Within overall soft drink market size of INR524b (as on 2015), MANB participates in fruit juice category, an INR132b size market with expected growth of 19% CAGR over 2015-18. We expect MANB to grow at 49% CAGR driven by new product launches, increased distribution reach and increased capacities leading to increase its market share from 5% in 2016 to 7.5% by 2018. With 70% of the market being untapped and per capita consumption of soft drinks in India is just 16 ltrs v/s 166 ltrs in the US, opportunities is very significant. Gestation in the beverages space is long as brands take longer time to develop and withstand competition, resulting in the survival of few players.

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#### Ramp up of new products to drive utilization, beat seasonality

After stellar success of Mango Sip with a view to diversify its product portfolio MANB launched Fruits Up (Carbonated and non-Carbonated) in FY15, a premium fruit drink (pulp content of 16–17%) in multiple flavors. We believe Fruits Up will move from urban to rural vis a vis Mango Sip which will move from rural to urban over the medium to long term. We believe Fruits Up is positioned to tap the shift in consumption pattern from artificial flavor based drinks (Coke and Pepsi) to natural fruit based drink providing huge opportunity. MANB recently launched Coco Sip first of its kind natural coconut water in May 2016 for non-south markets to be manufactured through outsourcing model. The company derives ~70% of revenues during 1Q and 4Q owing to seasonality of Mango Sip. With expansion of product portfolio over last 2 years we expect capacity utilization to inch up from 55% in FY16 to ~58% in FY18 on expanded capacity as Fruits Up and Coco Sip would be marketed as a year round product. MANB has a strong product pipeline of newer product launches over next few years in the funnel which will help MANB further diversify its product concentration and reduce seasonality.

#### Expanding capacities by 80% over FY16–18 to address supply side issues

MANB has planned to increase its capacity by 80% over FY16–18 (58% increase for fruit drinks and 300% for carbonated fruit drinks) increasing capacity from 125,000 in FY16 to 225,000 cases per day in FY18. New facilities in Haryana, Dehradun and existing Varanasi plant, would cater to north and north east, while facilities in Vadodara would cater to west and south. It also plans to set up new capacities in south India in FY18. Capacity constraints and preference for geographical diversity vis-à-vis regional concentration led to stock out situation for both Mango Sip and Fruits Up over last few years. We believe MANB strategy to open new facilities in north and south India will not only address the supply side issues but also reduce logistics cost and improve working capital cycle going forward.

#### Increased focus on distribution to result in higher visibility

MANB's key differentiator vis-à-vis global MNCs is presence at a lower price point through wide range of SKUS of 80–100 ml tetra packs (INR10) and pet bottle of 250 ml (INR15) and strong rural focus. In addition, MANB offers higher margins of 30–35% vis-à-vis 20–22% for global MNCs. MANB has a strong presence in railways, which accounts for ~20% of revenues and enhances visibility. It has 200,000 retailers, 2,000 distributors, 200+ super stockists, and expects to add 500–1000 distributors in the medium term with higher focus on less penetrated south India market. Leaders in the space like Coca Cola and Pepsico have reach of 2.6m and 2.5m retails outlets respectively. Recently MANB has started tapping urban markets by offering its products through modern trade and on-trade channels.

#### Valuation and view; At an inflexion point, Growth set to accelerate

MANB is on the cusp of a high growth cycle, led by capacity expansion, new product launches and increase in distribution network, which should lead to market share gains from 5% in 2016 to 7.5% in 2018. Launch of Fruits Up and Coco Sip is expected to beat seasonality and ramp up capacity utilization thereby driving margins higher. We expect sales and PAT CAGR of 49% and 63% respectively. The stock trades at PE of 31x/19x FY17/18E EPS. We value the stock at PE of 28x FY18 EPS (~0.3x PEG v/s ~ 1.6x of consumer peers). We initiate coverage with a '**Buy**' with TP of INR750 (~44% upside).

## **Company overview**

#### Sole beverage player listed in India

MANB has the unique distinction of being the sole listed company in the beverages sector. The company's revenue expanded at a CAGR of 60% over FY12–16, while net profit grew 70% during the same period.

#### India's leading beverage manufacturer

MANB primarily focuses on mango-based drinks. Mango Sip, launched in 1997, is the company's flagship product, contributing 80% to revenues in FY16 (97% in FY14). Mango Sip is strategically focused on semi-urban and rural markets; MANB derives ~55% of revenues from rural areas, 20–22% through railways and the remaining from urban areas.

#### Exhibit 1: MANB's brands



Source: Company, MOSL

To diversify the portfolio, the company launched Fruits Up and Manpasand ORS as well as commenced the marketing of Pure Sip bottled water in July 2014. Under Fruits Up, MANB offers premium fruit and carbonated drinks in various flavors; through Manpasand ORS, the company provides fruit drinks (apple and orange flavors) with energy-replenishing qualities across northeast India. Fruits Up is currently available in mango, apple, guava, litchi, orange and mixed fruit flavors; the packaging of Fruits Up carbonated fruit drinks, available in grape, orange and lemon flavors, is similar to Thums Up, Mirinda and Sprite.

#### Five manufacturing facilities by FY18

MANB had three manufacturing facilities at the end of FY16: two at Vadodara and one in Varanasi; the second unit at Vadodara commenced production in April 2015. The company is also setting up a facility in Haryana (expected to be commissioned by June FY17) to cater to markets in north and northeast India. Another facility in Dehradun is scheduled to start production by Q4FY17. Management has highlighted plans to commission a facility in South India as well towards end of FY18.

#### IPO proceeds to be primarily utilized for Haryana facility and paring debt

In 2015, MANB raised INR4b through an IPO, primarily to set up a manufacturing facility at Haryana (INR1.5b) and pare long-term debt (totaling INR1b). The Haryana facility has a production capacity of 10,000 tetra pack cases (TPC) and 20,000 pet bottle cases (PBC) per day of fruit drinks and 20,000 PBC per day of carbonated fruit drinks. MANB turned debt-free in 4QFY16 by repaying the long-term debt of INR1b from IPO proceeds. The balance proceeds are expected to be utilized for modernization of facilities at Vadodara and Varanasi (INR0.4b), and setting up a corporate office at Vadodara (INR0.2b). Going forward, management expects working capital-related borrowings to be the only debt.

#### Exhibit 2: Summary of utilization of IPO proceeds

	INR m
IPO proceeds	4,000
New manufacturing facility – Ambala, Haryana	(1,523)
Paring debt	(1,009)
Modernization of existing manufacturing facilities – Vadodara I and Varanasi	(389)
New corporate office at Vadodara	(221)
General corporate expenses	(857)
	Company

Source: MOSL, Company

# Fruits Up and Coco Sip to reduce seasonality and improve utilization

Additions to product portfolio for enhancing market presence

- Mango Sip has been the company's flagship product since the launch in 1997 in Uttar Pradesh, and slowly extended to other parts of India (24 states).
- Revenues from Mango Sip registered a robust CAGR of 51% over FY12–16, led by the 4.5x increase in capacity and increased distribution network.
- MANB launched Fruits Up range of premium fruit drinks (pulp content of 16–17%) and fruit-based carbonate drinks in 2015 that expand opportunity size.
- While Mango Sip was targeted as a rural product, Fruits Up with premium flavors (such as guava and litchi) and fruit-based carbonates are considered more urban in nature.
- As capacities are fungible, addition of products would help beat seasonality and ramp up utilization from 55% in FY16 to ~58% in FY18, along with expanded capacities in fruit drinks, and carbonates.
- Expansion of the product portfolio lowers risks related to seasonality, since Fruits Up will be marketed as a year round product compared to Mango Sip.

#### Mango Sip – an existing money spinner with strong presence in rural India

MANB launched Mango Sip, a mango-based drink, in 1997. The product was initially introduced in Uttar Pradesh, and then gradually diversified across the north and other parts of India, such that it is now available in 24 states. Mango Sip was largely targeted at Tier II and Tier III cities and has a strong rural presence (55–56% of sales from this channel). Besides, IRCTC comprises 20–22% of revenues, with urban areas accounting for the rest. A strong rural focus reduces competition as Tier II and Tier III cities are not focus areas for Maaza and Slice that are more urban-centric.

SKU (ml)	Mango Sip	Frooti	Tropicana Slice	Maaza
80–100	5	5	Not present	Not present
160	10	10	Not present	Not present
200	14	14	14	17
500–600	35	34	32	33
1200	60	62	64	64
Pulp content	14%	16%	13.6%	19%

#### Exhibit 3: SKU-wise comparison of Mango Sip with peers (INR)

Source: Company, MOSL

Key reasons for Mango Sip gaining market share as per our channel checks are as follows:

- 1) Company has around 75 SKUs for Mango Sip and Fruits Up put together, highest by any player in the market.
- 2) MANB derives 40% of revenues from below 200ml size of SKUs, an area where competition like Maaza and Slice is not present.
- 3) MANB provides higher distributor and retail margins to the tune of 35% v/s 22% for MNC players.
- 4) MANB keeps the channel starving for products thereby generating pricing power.

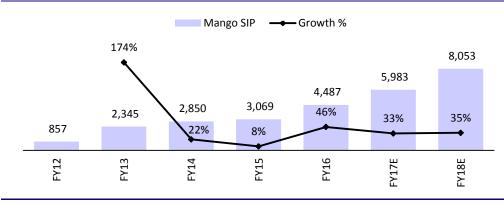


Exhibit 4: Mango Sip revenues to post 34% CAGR over FY16–18

#### Differentiated product strategy in affordable small packs

MANB offers fruit drinks in small packs—small tetra packs (also known as tetra classic aseptic) of 80–100 ml, and pet bottle and tetra pack of 160 ml—where global competitors are not present. The segmental margins are inferior due to lower prices and proportionately higher costs, such as packaging, which discourages global giants like Coca Cola (Maaza) and Pepsico (Tropicana Slice). With Mango Sip, largely a rural focused drink, MANB's offering at affordable prices (INR5 for 80–100 ml and INR10 for 160 ml) helps in acquiring customers and retaining them at a lower price point.

#### Exhibit 5: Small packs a key differentiator

SKU (ml)	Mango Sip	Frooti	Tropicana Slice	Maaza
80–100	5	5	Not present	Not present
160	10	10	Not present	Not present

Source: Company, MOSL

#### Exhibit 6: Various SKUs of Mango Sip: From 80 ml small tetra classic pack to 1200 ml PET bottle



Source: Company, MOSL

Source: Company, MOSL

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#### Fruits Up – Positioned to capitalize on shift from flavored based drinks

MANB intends to capitalize on the gradual shift in consumer preferences from flavored based drinks (Coke and Pepsi) to natural fruit based drinks, including carbonated fruit drinks, and thereby expand market share and products. Accordingly, the company launched Fruits Up, a premium fruit drink under various flavors, including versions of carbonated beverages in FY15. Fruits Up is available in mango, apple, guava, litchi, orange and mixed fruit flavors, while Fruits Up carbonated fruit drinks are available in grape, orange and lemon flavors.

In 2 years of its launch, the company has registered a turnover of INR 1.1bn (70% from non-carbonates and 30% from carbonates) in FY16 without any pan India marketing campaign. Also the company has set up separate dedicated distribution network for Fruits Up which will help individual teams to focus on scaling up the brand. We believe Fruits Up will move from urban to rural vis a vis Mango Sip which will move from rural to urban over the medium to long term.



Exhibit 7: SKUs for Fruits Up fruit drinks

Source: Company, MOSL

Packaging for carbonated drinks resembles famous brands such as Thums Up, Mirinda and Sprite. The product is expected to draw good response from health-conscious consumers seeking alternatives to cola drinks.

#### Exhibit 8: Comparison of Fruits Up carbonates with peers (INR)

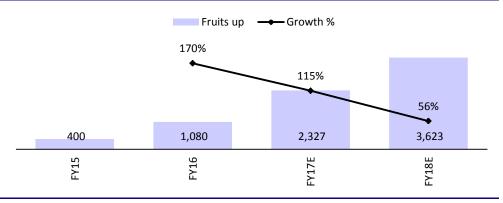
ѕкυ	MANB	Pepsi	Coke	Thums up
250 ml PET	15	10	10	10
600 ml PET	40	34	30	34
250 ml CAN	30	25	25	25

Source: MOSL, Company



Source: Company, MOSL





Source: Company, MOSL

#### Coco Sip- Virgin market with huge opportunity

MANB in May 2016 launched its new product Coco Sip targeted for non-south markets. Coco Sip will be first of its kind natural coconut water without having any preservatives in it. The product will be available across SKUs size at affordable pricing starting INR 10 and will be manufactured through outsourcing model. Our channel checks suggest fresh coconut (water) in non-south markets are sold at INR 30-40 per coconut water and most of them are very small in size. It roughly costs around INR80k per truck to bring coconut water from south India to North India. Hence we believe there is a huge opportunity for MANB to launch natural coconut water at INR10 and grand the entire non-south market. We believe Coco Sip will clock revenues of INR 500mn in FY18 with margins of 20 %.

#### Pure Sip – Bottled water

MANB commenced the marketing of Pure Sip bottled water in July 2014. The product is currently manufactured through a third-party in Vadodara. As of date, Pure Sip is being used as a trade incentive: as a combined offer with fruit drinks to distributors and retailers. Based on our discussion with management, we understand this initiative is for a longer term horizon of 4–5 years, and the company aims to diversify the product base and gradually gain visibility.

Brand	MRP (INR)	SKU (ml)
Pure Sip	20	1,000
Bisleri	20	1,000
Bailey	20	1,000
Aquafina	20	1,000
Kinley	20	1,000

Source: MOSL, Company

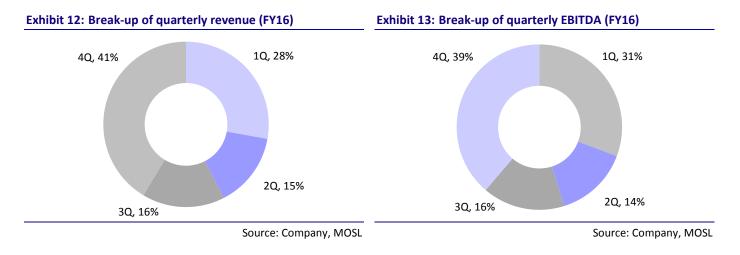
#### Manpasand ORS – An energy replenishing drink targeting the northeast

The company launched Manpasand ORS fruit drinks with energy-replenishing qualities (apple and orange flavors) in July 2014. It is targeted at the northeastern markets. The product contributed 3.8% to total revenues in FY15. Mary Kom is the brand ambassador for Manpasand ORS. Management highlights the market size for ORS drinks is about INR2b, expanding at a CAGR of 10%. However, management has commented it is primarily focusing on Mango Sip and Fruits Up.

#### Portfolio diversification helps mitigate seasonality risks, ramp up utilization

Seasonally, the first and fourth quarters are the strongest for sales of mango-based drinks; for MANB, the two quarters account for ~70% of annual sales. Inclusion of Fruits Up would help de-risk seasonality as it would be sold through the year. Capacities for fruit drinks are fungible; hence, addition of products to the portfolio shall further augment capacity utilization. It would also aid in addition of other fruit drink products on an annual basis. Given significant demand in Fruits Up the management has proponed its capex in Ambala from Sep 2016 initially to June 2016. MANB is also likely to launch and ad campaign for Fruits Up starting June 2016 colliding it with commissioning of new capex.

Considering the low base and strong market opportunity, we expect robust growth for Fruits Up (Non-carbonates and carbonates) in the future. With Fruits Up expected to grow its sales by 3.4x to INR 3.6bn in FY18E, we believe that capacity utilization in the lean quarters i.e Q2 and Q3 is set to improve there by leading to improvement in utilization rates from 55% in FY16 to 58% in FY18E on expanded capacities.



## Expanding capacities by 80% over FY16-18

Expect CAGR of 49% in revenue, supply side issues to get addressed

- MANB plans to aggressive expand its capacities by 80% over FY16–18. Fruit drinks and carbonate capacity is expected to increase 58% and ~300%, respectively, which should address supply side constraints to match up to increasing demand.
- MANB's existing capacities are situated in Varanasi and Vadodara. New capacities to come in Haryana and Dehradun which would aid geographical diversification. It also plans to set up new capacity in south India in FY18.
- We believe MANB strategy to open new facilities in north and south India will not only address the supply side issues but also help to reduce logistics cost and improve working capital cycle going forward
- Due to the lack of capacities in the past, there were MANB has been facing stock out situation for its products last few years. With an increase in capacities and ramping up of production, MANB is on the cusp of a strong supply-led growth.

#### Capacity to increase by 80% over FY16–18 to drive growth

MANB plans to aggressive expand its capacities by 80% over FY16–18. The company aims to increase capacity from 1,25,000 cases per day in FY16 to 2,25,000 cases per day in FY18. Fruit drink and carbonated fruit drink capacities are projected to increase 58% and 300%, respectively, during the same period. The company had existing facility in Vadodara and Varanasi and commenced another facility in Vadodara in April 2015, yet continued to face stock out situation for its products. Given the huge demand, it has now proponed its capex in Ambala, Haryana, by Sep 2016 to June 2016 to cater to north and northeastern India. The facility is expected to produce the entire range of fruit as well as carbonated drinks: Mango Sip and Fruits Up. It plans to expand in south India in FY18.

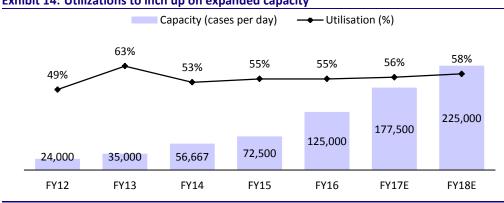


Exhibit 14: Utilizations to inch up on expanded capacity

Source: Company, MOSL

We expect capacity expansion to aid robust growth in supply, with revenue increasing at a CAGR of 49% over FY16–18. The company's preference for geographical diversity (presence in 24 states) over regional concentration led to product shortage in the past. We believe MANB strategy to open new facilities in north and south India will not only address the supply side issues but also help to reduce logistics cost and improve working capital cycle going forward.

#### Exhibit 15: MANB's Vadodara-II plant





Source: Company, MOSL

**Capacity expansion strategically geared toward geographical diversification** MANB intends to set up manufacturing facilities across India; among the existing facilities, Vadodara caters to western and southern India, while Varanasi supplies to northern and eastern parts of the country. Vadodara and Varanasi contributed ~60% and ~40% to volumes, respectively, in FY16. Capacity expansion would aid geographical diversification, since the facility in Haryana is strategically located to cater to the north and northeastern markets. The facility at Dehradun, with a relatively smaller capacity of 5,000 PBC per day, would supply to Uttarakhand and Himachal Pradesh. The company has also planned to set up a facility in southern India in FY18.

FMCG products require dispersed and geographically diversified manufacturing to decrease transportation costs. Logistics costs, as a percentage of revenues, averaged  $\sim$ 4% over FY12–16. With expansion in north India and south India we believe that MANB will not only be able to save logistics cost but would be able to supply to market much quicker thereby improving turnaround time leading to higher growth .

#### Considerable benefits in direct and indirect taxes

MANB enjoys considerable advantages in direct and indirect taxes as it operates in the food processing industry. Under the Income Tax Act (Section 80IB 11A), the company receives 100% exemption on profits from a new facility for first five years, followed by 30% for the next five years. Accordingly, Vadodara-I facility would have an income-tax exemption on 30% of profits over FY16–20, while Vadodara-II will have 100% exemption until FY20 and 30% until FY25. The Varanasi facility is entitled to 100% exemption until FY16 and 30% until FY21. The facility in Haryana, expected to commence operations in FY17, shall be exempt from tax for the first five years and 30% thereafter. In terms of indirect taxes, the excise duty stands at 2%, while blended VAT is 5%, which are low as the company operates in the food processing industry.

#### Exhibit 16: Facility wise direct tax benefits – Exemptions from profits

	FY11	FY12	FY13	FY14	FY15	FY16E	FY17E	FY18E	FY19E	FY20E
Vadodara I	100%	100%	100%	100%	100%	30%	30%	30%	30%	30%
Vadodara II	N.A	N.A	N.A	N.A	N.A	100%	100%	100%	100%	100%
Varanasi	N.A	100%	100%	100%	100%	100%	30%	30%	30%	30%
Haryana	N.A	N.A	N.A	N.A	N.A	N.A	100%	100%	100%	100%

Source: MOSL, Company

## Distribution thrust to enhance brand visibility

Focus on expanding newer channels like modern retail and on trade tieups

- MANB has over 200,000 retailers, 2000 distributors, and 200+ super stockists. The company plans to add 500–1000 distributors in the near to medium term with significant focus to expand in South India.
- MANB offers higher margins of 30–35% compared to 20–22% by global MNCs such as Pepsi and Coca Cola.
- The company has entered into tie-ups with IRCTC's vendors for the supply of products in trains and railway stations, and derives ~20–22% of sales through this channel. In our opinion, the channel not only has a significant share in sales, but also acts as an effective mode of communication and increases brand visibility.
- It has set up separate distribution network for fruits Up and Coco Sip. It plans to enhance the network to ~200–250 with a supply of ~2000 vans in the medium term
- Focus on tapping urban markets through inclusion of fruit flavors such as guava and litchi in Fruits Up, and strengthening presence in modern trade and on-trade through tie-ups with Metro Cash & Carry, Havmor as well as Baskin & Robbins shall augur well for urban presence, as MANB focused on rural areas, Tier II and Tier III cities earlier.
- We believe expansion in capacity and distribution would lead to higher visibility and brand building, thereby indicating sales would be gradually led by brand pull than supply push.

#### MANB viewed as a pan-India player with brand pull vis-à-vis supply push

Initially, the company focused on rural areas for the sale of beverages, with Mango Sip marketed in Uttar Pradesh, and thereafter across north India. Gradually, the company moved to rural areas, Tier II and Tier III cities, and non-metros across the country. MANB is now looking to strengthen presence in urban areas, as highlighted earlier, through additional tie-ups in modern trade, on-trade, launch of Fruits Up, raising ad spends and promotions as well as expanding the distributor base. Moreover, it is undertaking specific steps such as introducing large-size family pack for Mango Sip and Fruits Up in guava and litchi flavors (considered more urban in nature). In our opinion, an increase in supply and distributorship could result in higher visibility and brand building that, in turn, would drive long-term sales through brand pull than supply push.

#### Distributor-led strategy with higher margins and incentives

MANB's distribution network is spread across 24 states in India. The company offers higher margins (15% distributor and 20% retailer margins) to distributors compared to peers. It also provides incentives like selling the 'Pure Sip' brand of bottled water in conjunction with fruit drinks and carbonates. MANB also offers certain free packs of Mango Sip and Fruits Up, and combo offers in retail to increase volumes. Management reiterated plans to focus on topline growth through higher channel margins, even if it is at the cost of restricting profitability.

MANB currently has over 200,000 retailers, 2000 distributors, and 200+ super stockists. The company plans to add 500–1000 distributors in the near to medium term. For Mango Sip, it adopted a unique strategy of penetrating Tier II and Tier III cities initially, and thereafter strengthening presence in urban markets. MANB plans to operate across all 29 states in next 5 years. It also plans to achieve 100% penetration in existing 24 states where it operates in next 2-3 years

#### Exhibit 17: Highest channel margins vs. peers (approx.)

	Distributor margin	Retailer margin
Pepsi	7%	15%
Coca Cola	7%	15%
Parle Agro	10%	16%
Manpasand Beverages	15%	20%

Source: MOSL, Company

#### Exhibit 18: Distribution reach vs. peers offers scope for growth

	Retail outlets (mn)
Pepsi	2.5
Coca Cola	2.6
Manpasand Beverages	0.2

Source: MOSL, Company

#### **Dedicated distribution for Fruits Up and Coco Sip**

MANB has adopted a dedicated distribution strategy for Fruits Up; the company's  $\sim$ 40–50 distributors are actively engaged in supply through vans. MANB plans to enhance the distributorship to  $\sim$ 200–250 with a supply of  $\sim$ 2000 vans in the medium term. Similarly the company has already appointed multiple distributor in north India before launching the product and plans to expand its distributorship by around 100 distributors in the near term.

#### Sales through railways aids higher penetration

Currently, Indian Railways contributes ~20–22% to total revenues and rural areas account for 52–56%. MANB is empaneled with the IRCTC for direct selling to vendors approved by the former. Apart from being an additional sales channel, we believe this strategy would also help the company cater to a wider audience. Given the penetration of Indian Railways, it is as an effective communication mode to enhance visibility. Furthermore, this tie-up is expected to bolster sales of Mango Sip in Tier II and Tier III cities, which are prime focus areas for the product. MANB's products have high visibility at railway stations and in trains.

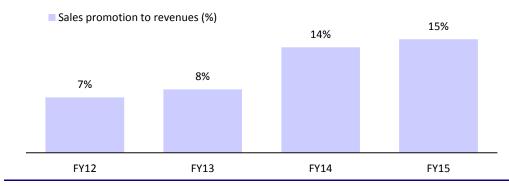
#### Exhibit 19: Renowned celebrities as ambassadors



Source: Company, MOSL

#### Spends on brand building and business promotion set to increase

MANB spends around 3.5-4% of its sales on advertisement. The company plans to launch ad campaign for Fruits Up in June 2016 as new capacities are commissioned. Though rural and smaller cities would continue to be the prime focus areas, management plans to aggressively tap urban markets and metro cities through Fruits Up and Coco Sip. The company has roped in Bollywood actor Sunny Deol for promoting the Mango Sip brand and would be unveiling the advertising campaign for Fruits Up in June 2016.



#### Exhibit 20: Sales promotion expenses to remain between ~15%

Source: Company, MOSL

#### Tapping on-trade channel to gain traction

While the on-trade channel for fruit drinks is low at 31%, it is significantly higher for carbonated beverages (~59%). MANB strives to use the existing outlets of several branded products by entering into contracts. The company is tapping the on-trade channel through tie-ups with QSRs such as Baskin & Robbins, Costa Coffee, Barista, Havmor and Goli Vadapav. MANB's products – Mango Sip and Fruits Up – are available at Havmor's 209 food outlets in Gujarat (164), Mumbai (28) and Punjab (17). MANB plans to extend the tie-up with Havmor's other food outlets in Rajasthan, Madhya Pradesh and rest of Maharashtra in the future. Also, the company entered into a contract with Baskin & Robbins (Graviss Foods Pvt. Ltd.) to sell Mango Sip and Fruits Up at the latter's outlets.

#### Growing presence in modern trade

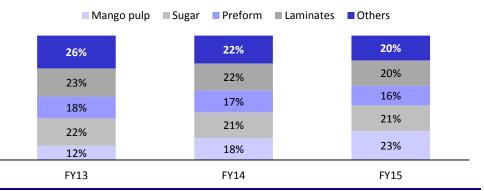
MANB seeks to tap newer modern trade channels, which account for a higher revenue share in the packaged juice segment vis-à-vis the overall FMCG market in urban India. This channel would be an effective way to gain ground in urban areas. The company recently tied up with Germany-based wholesale major, Metro Cash & Carry, to tap urban markets—this is MANB's first major tie up with an international retail brand. Metro Cash & Carry works on an exclusive business-to-business wholesale concept, where MANB will supply Mango Sip and Fruits Up in varied sizes to the former's outlets.

#### Multiple suppliers de-risk raw material requirements

Of the total raw material cost, packaging material (35%) accounts for a major share, followed by mango pulp (23%) and sugar (21%). The normal industry trend is to use Totapuri variety of mangoes as pulp for fruit drinks. Totapuri is grown in southern and western India, and MANB procures the fruit from Jain Irrigation, Capricorn Group, Mother Dairy and few other suppliers in Andhra Pradesh, Karnataka and

Maharashtra. For other fruit juices, the company procures concentrates from various suppliers in Maharashtra. Mango pulp, which has a shelf life of more than 12–18 months, is supplied in frozen sterilized aseptic bags or cans. Sugar is procured from multiple sugar co-operatives and wholesale distributors in Gujarat and Uttar Pradesh. The principal packaging materials are tetra packs, PET bottles and caps. The packaging material for aseptic tetra packs is procured from Tetra Pak India Private Limited, while PET bottles and caps are bought from some suppliers in Gujarat and Uttar Pradesh.





Source: Company, MOSL

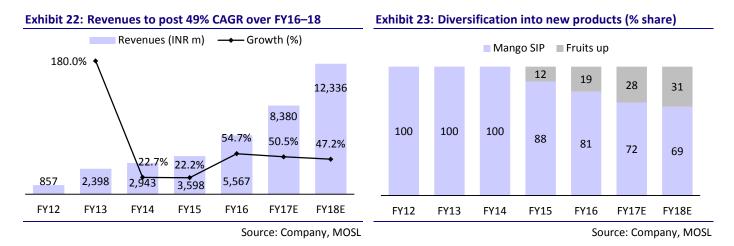




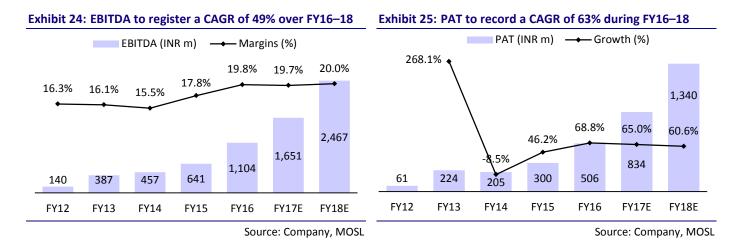
## Earnings to post 63% CAGR over FY16–18

## Capacity expansion to lead topline growth; margin expansion and deleveraging to drive PAT

We expect PAT to post a CAGR of 63% over FY16–18, led by the 49% CAGR in revenue due to capacity expansions. Revenue growth will be driven by 34% revenue CAGR in Mango SIP while Fruits Up to post higher revenue CAGR of 83% over the same period. Accordingly, we expect Fruits Up to increase its share from 19% in FY16 to 31% in FY18E. Seasonally, the first and fourth quarters are the strongest for sales of mango-based drinks; for MANB, the two quarters account for ~70% of annual sales. Inclusion of Fruits Up would help de-risk seasonality as it would be sold through the year. Capacities for fruit drinks are fungible; hence, addition of products to the portfolio shall further augment capacity utilization. It would also aid in addition of other fruit drink products on an annual basis.

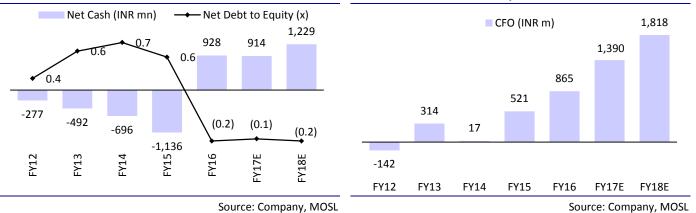


We expect EBITDA margins to largely remain unchanged over FY16-18E as company is likely to pass on the benefits of higher utilization towards promotional spends. The PAT margins will expand from 9.1% in FY16 to 10.9% in FY18 on account of deleveraging of balance sheet as company has retired its debt through IPO proceeds in FY16. Additionally, the company will continue to enjoy lower tax rate of 11% due to tax benefits under Income Tax Act (section 80IB 11A) and lower indirect taxes.



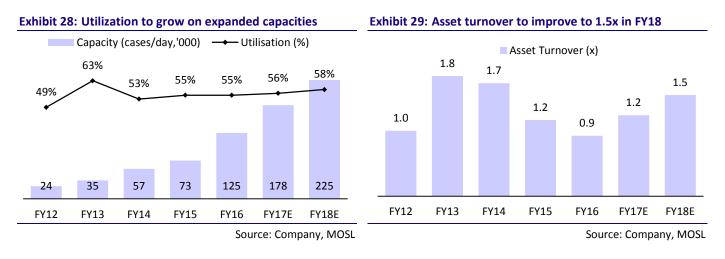
### MOTILAL OSWAL

#### Exhibit 26: Continue to remain debt free

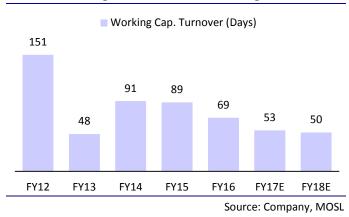


High topline growth will be supported by expansion of capacities by 80% over FY16-18. It aims to increase capacity from 125,000 cases per day in FY16 to 225,000 cases per day in FY18. The new capacities will come up in Ambala (Haryana) with 50,000 cases per day in FY17 and another 10,000 cases per day in FY18. Remaining capacities to come up in Vadodara unit 2 and Varanasi.

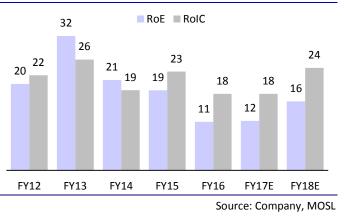
Exhibit 27: Cash flow from operations set to increase



#### Exhibit 30: Management to focus on reducing WC



#### Exhibit 31: Higher utilization to improve return ratios



## **Valuation and view**

#### Initiate with a Buy

## Compelling story of India's booming consumer spends and beverages market

- MANB is expected to improve in market share from 5% in 2016 to 7.5% in 2018 in INR 132bn fruit juice market.
- Low penetration of 30% and per capita annual consumption of soft drinks in India at 16 liters v/s 166 in the US, provide significant market opportunities for growth.
- MANB has planned to increase its capacity by 80% over FY16–18 (58% increase for fruit drinks and 300% for carbonated fruit drinks) which should drive growth by reducing supply side constraints.
- MANB expanded the product portfolio by launching Fruits Up (Carbonated and non-carbonated) in FY15 which now contributes 19% to revenues in FY16. It recently launched natural coconut water under brand Coco Sip.
- It has 200,000 retailers, 2,000 distributors, 200+ super stockists, and plans to add 500–1000 distributors in the medium term with a special focus on south India.
- Focus on urban areas through Fruits Up, increase in distributors (50% additions in the medium term), and modern trade and on-trade tie-ups would strengthen presence in urban areas, thereby enabling MANB to be a pan-India player.
- The company's three-pronged strategy: (i) increase available capacity; and (ii) enhance penetration and distribution in its present 24 states, sets the stage for a multi-year growth story (iii) Launch of new products.
- We believe, margins will remain resilient at 20% as the contribution of high margin Fruits Up business will increase from 19% in FY16 to 31% in FY18E. Additionally, company has also recently increased prices of its products to neutralize the impact of increase in raw material prices and inspite of it the company continues to face stock out situation at many instances. This also signifies pricing power and company will be in a situation to pass on any further increase in raw material prices.
- The RoIC for the company will increase from 18% in FY16 to 24% in FY18E which has further scope of expansion as the capacities will get fully utilized over next 3-4 years as the contribution of Fruits Up will increase. Higher contribution from Fruits Up over a period of time will help to reduce the seasonality attached to utilization. Over FY16-18E, utilization will increase from 55% to 58% on an increased capacity from 125,000 cases per day to 225,000 cases per day over FY16-18.
- We expect sales and PAT CAGR of 49% and 63% respectively over FY16-18 translating into improvement of post tax ROIC/ ROE from 18%/11% in FY16 to 24%/16% respectively in FY18. At current levels, the stock trades at PE of 31x/19x FY17/18E EPS. We value the stock at PE of 28x FY18 EPS of INR26.8 which is justified based on low PEG ratio of 0.3x compared average PEG ratio of 1.6x of peer companies, debt free status and strong CFO generation of INR1.4b/1.8b in FY17/18. We initiate coverage with a 'Buy' arriving at a price target of INR750, implying 44% upside from current levels

## MOTILAL OSWAL

#### Exhibit 32: Assumption sheet

	FY12	FY13	FY14	FY15	FY16	FY17E	FY18E
Installed Capacity per day							
Tetra Pak Case - Fruit Drinks	12,000	19,750	26,667	30,000	40,000	50,000	50,000
Pet Bottle Case - Fruit Drinks	12,000	15,250	30,000	32,500	67,500	85,000	120,000
Pet Bottle Case - Carbonates	-	-	-	10,000	17,500	42,500	55,000
Revenues (INR m)	857	2,396	2,932	3,622	5,567	8,380	12,336
Fruit Drinks	857	2,345	2,850	3,332	5,243	7,437	10,724
Carbonates	-	-	-	137	324	960	1,358
Others	-	52	81	153	-	150	500
Revenue Growth (%)		180%	22%	24%	54%	54%	47%
Fruit Drinks		174%	22%	17%	57%	40%	40%
Carbonates					136%	196%	41%

Source: Company, MOSL

(**One tetra pack case** contains 27 pieces of 200 ml or 160 ml each or 64 cases of 100 ml each, while **one PET bottle case** contains: a) six PET bottles of two liters each, or b) 12 PET bottles of 1,200 ml each, or c) 24 PET bottles of 160/200/250/500/600 ml each, or d) 50 PET bottles of 125 ml each.)

#### **Exhibit 33: Peer valuation**

	Р	E	EV/EI	BITDA	Ro	E %	RoC	CE %	EV/S	Sales	PI	G	Sales	PAT
Company Name	FY17E	FY18E	CAGR FY16- 18E	CAGR FY16- 18E										
Dabur India Ltd	36	31	30	26	31	30	29	28	5	5	2.3	2.1	13	15
Britannia Industries Ltd	34	29	23	20	46	42	42	37	3	3	2.5	1.4	13	17
Hindustan Unilever Ltd	39	34	27	23	114	129	177	209	5	4	3.1	2.1	11	14
Jubilant Foodworks Ltd	47	34	20	15	20	23	22	26	2	2	1.2	0.9	22	38
Manpasand Beverages Ltd*	31	19	15	10	12	16	13	18	3	2	0.5	0.3	49	63

\*MOSL Estimates

## **Bull & Bear case**

#### Bull case

- Our bull case assumptions have positive impact on sales growth and operating margins. We assume higher capacity utilization on account strong traction in Fruits Up. Additionally, we assume prices of critical raw material like mango pulp and sugar decrease for FY17E and FY18E.
- Instead of assuming a flattish EBITDA margins over FY16-18E in the base case due to raw material prices remaining steady, we are assuming 100bps YoY improvement each for FY17E and FY18E and 5% increase in sales each year over base case. In the base case we are expecting over 20 bps increase in EBITDA margin over FY16-18E.
- In the bull case we are assuming that company will not pass on benefit on lower raw material prices and thus enjoy higher margins. Company has recently taken price increases to neutral the impact of recent price increase in raw material.
- There is an increase of 16% in FY17E EPS and 24% in FY18E EPS over the base case EPS to INR19.3 and INR33.2 respectively.
- Assuming the same 28x target multiple that we have taken for the base case, we get a bull case target price of INR929 (upside of 79% to CMP) based on FY18 EPS instead of the base case target price of INR750, upside of 44%.

	FY16	FY17E	FY18E
Sales (INR m)	5,567	8,691	12,972
Sales growth (%)	54.7	56.1	49.3
EBITDA (INR m)	1,104	1,799	2,828
EBITDA Margin (%)	19.8	20.7	21.8
EBITDA growth (%)	72.2	62.9	57.2
PAT (INR m)	506	966	1,661
PAT Margin (%)	9.1	11.1	12.8
PAT growth (%)	68.8	91.1	71.9
EPS (INR)	10.1	19.3	33.2
Target multiple (x)			28
Target price (INR)			929
Upside/downside (%)			79
		Source	: Company, MOSL

#### Exhibit 34: Bull case scenario

Bear case

- Our bear case assumptions mainly have a negative impact on both sales growth and operating margins for FY17E and FY18E.
- We are assuming a EBITDA margin decline of 140bp over FY16-18E in the bear case and sales decline of 14%/20% in FY17E/FY18E over our base case.
- In our bear case, we assume that new capacities get delayed which has a negative impact of sales volume growth and also impacts the growth of high margin Fruits Up business. Additionally, we assume the company is unable to pass on the increase in raw material prices and the benefits of operating leverage will also get delayed.
- This will lead to decrease of 33% in FY17E EPS and 43% decrease in FY18E EPS over the base case to INR11.3 and INR15.2 respectively.

Assuming the same 28x target multiple that we have taken for the base case, we get a bear case target price of INR424 (downside of 18% to CMP) based on FY18 EPS instead of the base case target price of INR750, upside of 44%.

#### Exhibit 35: Bear case scenario

	FY16	FY17E	FY18E
Sales (INR m)	5,567	7,197	9,856
Sales growth (%)	54.7	29.3	36.9
EBITDA (INR m)	1,104	1,346	1,814
EBITDA Margin (%)	19.8	18.7	18.4
EBITDA growth (%)	72.2	21.9	34.7
PAT (INR m)	506	563	758
PAT Margin (%)	9.1	7.8	7.7
PAT growth (%)	68.8	11.4	34.7
EPS (INR)	10.1	11.3	15.2
Target multiple (x)			28
Target price (INR)			424
Upside/downside (%)			-18
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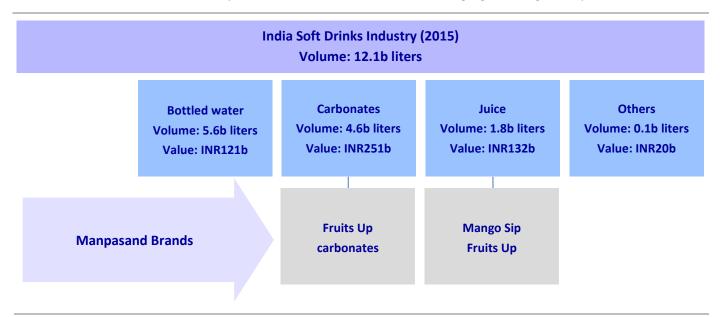
Source: Company, MOSL

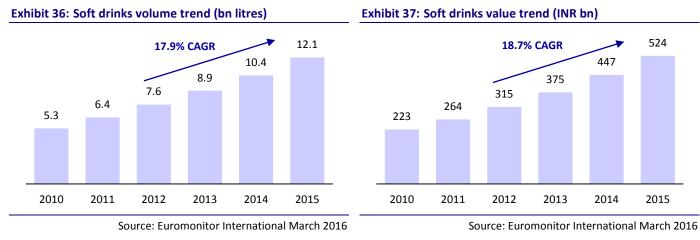
## **Industry overview**

#### Beverages market presents a huge opportunity with rising consumer spends

#### Soft drinks represent significant market opportunity

The Indian soft drinks market was pegged at 12b liters in volume terms and INR524b in value terms in 2015, implying a CAGR of 17.9% and 18.7%, respectively, over 2010–15. Per capita consumption of soft drinks stood at ~10 liters per annum compared to ~160 liters in the US, indicating significant growth potential.







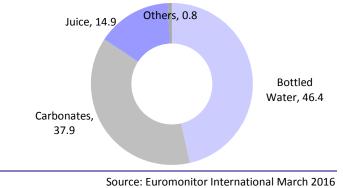
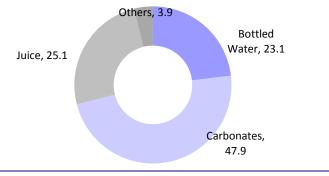
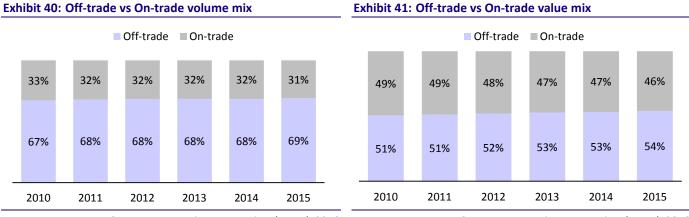


Exhibit 39: Soft drinks value mix (%) - 2015



Source: Euromonitor International March 2016

In terms of distribution channels, the soft drinks market is divided into off-trade and on-trade. **Off-trade sales** refer to those undertaken at retail outlets such as grocery stores, hypermarkets, supermarkets etc. **On-trade sales** consist of sales at food service outlets, restaurants, bars, and clubs, among others. The distinction between off-trade and on-trade channels is significant as the latter generally takes place at higher sales prices, and hence, impacts the break-up in value terms.



Source: Euromonitor International March 2016

Source: Euromonitor International March 2016

As per Euromonitor International March 2016 International March 2016, the soft drinks market is expected to post a CAGR of 10.8% over 2015–20 and reach INR874b, with on-trade rising 8.2% and off-trade growing 12.8%. Overall, volume CAGR is estimated at 22%.





Source: Euromonitor International March 2016

#### Juice market pegged at INR132b

The Indian juice industry was pegged at INR132b in 2015, with 77% being off-trade (INR101b) and the remaining on-trade. The juice market is divided into three categories: 100% juice, nectars and Juice drinks.

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Category	Fruit content	Target income segment	Off-trade value CAGR 2010–15
100% juice	100%	High	31%
Nectars	25% and above	Mid-high	26%
Juice drinks	Up to 24%	Low-mid	27%

Source: Euromonitor International March 2016

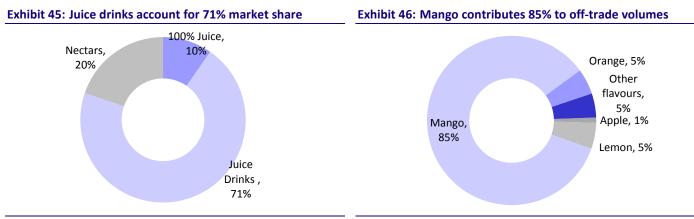
Under off-trade, the juice drink market was the largest segment at 71% in value terms and 81% in volume terms in 2015. Juice drinks posted a value CAGR of 27.2% and volume CAGR of 22.4% over 2010–15.

#### Exhibit 44: Summary of the juice market (2015)

	INR b
On trade	30
Off-trade	101
100% Juice	10
Juice Drinks	72
Nectars	20
Total	132

Source: Euromonitor International March 2016

Mango is the largest selling flavor in the juice drink category, contributing 85% to off-trade volumes. MANB is a player in this segment, which was estimated at INR72b (off-trade) as of 2015 and is expected to reach INR191b by 2020.



Source: Euromonitor International March 2016

Source: Euromonitor International March 2016

#### Maaza leads the juice drinks market

In value terms, Maaza by Coca Cola led the off-trade market with a 22% share in 2015, followed by Slice by Pepsico (15%). MANB, along with other smaller players, accounted for 20%.

Manpasand is present in Juice drinks market through its brands Mango SIP and Fruits Up

🔳 Maaza (Coca	Cola)	Slice (Pepsico)	■ Réal (	Dabur) 🗖 Froo	ti (Parle A	Agro) 🗖 Others	
34		33		31		37	
16		14		14		12	
15		16		15		14	
14		16		17		15	
22		22		23		22	
2012		2013		2014		2015	

Exhibit 47: Brandwise value market share change (%) – Off-trade

Source: Euromonitor International March 2016

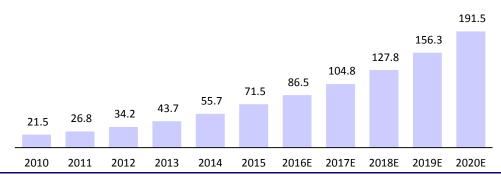
#### Indian off-trade juice drink market expected to reach INR192b by 2020

The off-trade juice drink market (71% of the total off-trade juice market in 2015 in value terms) is expected to reach INR192b by 2020. MANB's target category (juice drinks) is projected to increase 23.6% in volume and 21.8% in value. Consumers are expected to shift from carbonated drinks to juices due to rising health awareness and changing food habits. Growth in nectars and juice drinks is estimated to be at a faster pace, vis-à-vis 100% juice, as higher prices and stressful lifestyles may restrict demand for the latter.

Exhibit 48: Category-wise breakdown of expected growth rates in the off-trade market over 2015–20

Product	Volume CAGR	Value CAGR
100% juice	19.0%	18.5%
Juice drinks	23.6%	21.8%
Nectars	11.2%	9.8%
Overall juice market	22.0%	19.4%

Source: Euromonitor International March 2016



#### Exhibit 49: Off-trade Juice drinks market to post value CAGR of 21.8% (2015-20)

Source: Euromonitor International March 2016

#### Indian carbonates market pegged at INR251b

The carbonates market was worth INR251b in 2015, with volumes aggregating 4.6b liters growing at 10.7% CAGR on volume terms and 12.5% in value terms.

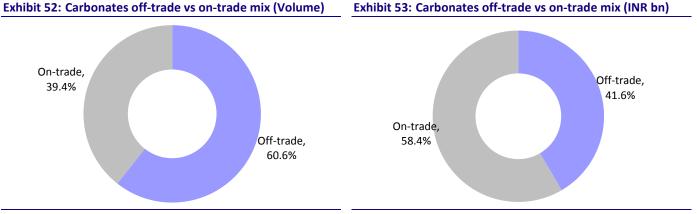
### MOTILAL OSWAL

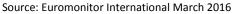


Exhibit 51: Carbonates value trend (INR bn)



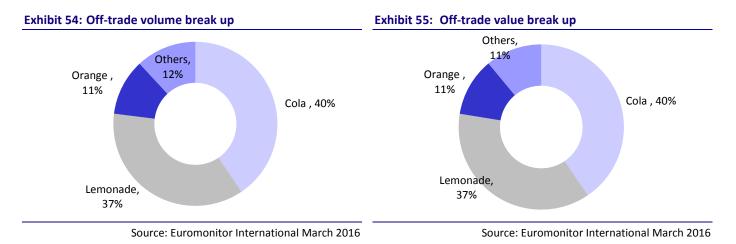
The off-trade channel contributed 60.6% by volume, but just 41.6% by value. Consequently, on-trade accounted for majority of sales owing to higher prices in QSRs, multiplexes, clubs, etc. The consumption trend in such places is greater for a segment like carbonates.





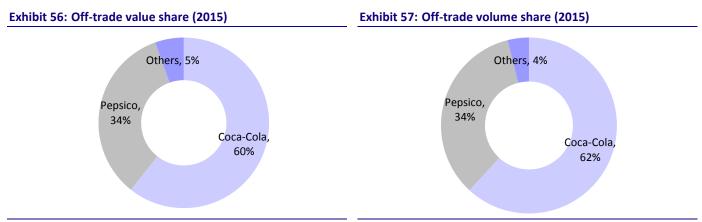
Source: Euromonitor International March 2016

Cola-based carbonates contributed 40%, while lemonade/lime-based carbonates accounted for 37% of the off-trade carbonate volume; a similar pattern was visible in value terms.



#### Carbonates market dominated by Coca Cola and Pepsi

The carbonates market in India is duopolistic in nature; in terms of volume, Coca Cola and Pepsi accounted for 95% of the total off-trade market in 2015. Coca Cola contributed 60%, with a strong product portfolio including Sprite, Thums Up, Coca-Cola, Limca and Fanta, while Pepsi (34%) was the second largest player.



Source: Euromonitor International March 2016



#### Exhibit 58: Brand-wise value market share (2015)

Brand	Market share
Sprite (Coca-Cola)	20%
Thums Up (Coca-Cola)	16%
Pepsi	14%
Limca (Coca-Cola)	9%
Coca-Cola	9%
Mountain Dew (Pepsi)	7%
7-Up (Pepsi)	6%
Mirinda (Pepsi)	5%
Fanta (Coca-Cola)	5%
Others	9%

Source: Euromonitor International March 2016

#### Off-trade carbonates market expected to reach INR125b in 2020

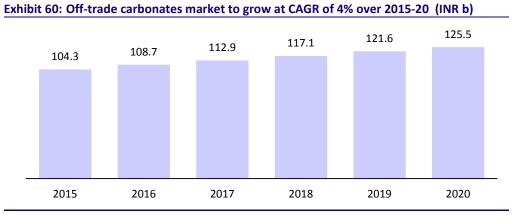
In the off-trade market, carbonates posted a CAGR of 12.8% in value terms and 10.9% in volume terms during 2010–15. Lemonades registered a strong growth of 17.5% during the same period, while cola carbonates rose 11.4%. Going forward, growth is expected to normalize, with volumes expanding at a CAGR of 7.7% over 2010–15, resulting in a value CAGR of 3.8%. Lemonade/lime-based carbonate volume is forecast to register a CAGR of 11% (6.4% in value) and cola-based carbonates at 5.6% (2.1% in value).

Exhibit 59: Expected growth in off-trade carbonates over F	Y14–19
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Product	Volume CAGR	Value CAGR
Cola	5.6%	2.1%
Lime/Lemonade	11.0%	6.4%
Orange	1.9%	-1.7%
Carbonates overall	7.7%	3.8%

Source: Euromonitor International March 2016

Manpasand has a differentiated offering in the category with fruit based carbonates under brand Fruits Up Growth in lemonade/lime-based carbonates is expected to outpace that in cola and the overall carbonates market as they are perceived to be healthier options. The shift in preferences to healthier alternatives shall augur well for brands offering carbonates with fruit contents.



Source: Euromonitor International March 2016

## **Key risks**

#### **Competitive intensity**

MANB competes with global multinationals such as Coca Cola and Pepsico as well as large-sized Indian companies like Parle, Dabur, etc. Competitors are larger in scale and have significant resources at their disposal.

#### **Product concentration**

Mango Sip contributed 97% to revenues in FY14 and 80% in FY16. MANB was largely a single product entity until FY14, wherein the company launched Fruits Up and Manpasand ORS. Though we are optimistic about the prospects of a ramp-up in new products, Mango Sip would continue to remain the major revenue contributor.

#### **Channel concentration**

MANB gains 20–22% of revenues from IRCTC's empaneled vendors. In the past, IRCTC shifted to its brand of bottled water from other brands. While we believe such a step in fruit drinks is less likely, any such policy change can impact MANB's revenues. However, there exists sufficient alternate sales channels.

#### Slowdown in economy

The company's products are a part of discretionary spending and might have tepid demand in the event of an economic slowdown.

#### Seasonality and weather impact

MANB's sales are subject to seasonal variations, where sales in the first and fourth quarters comprise ~68–69% of revenues due to the summer season. However, the weather also has an impact on demand, which is generally lower at times of a cooler summer, strong monsoon and winter.

## **Management overview**

#### Mr Dhirendra Singh, Chairman & Managing Director

Mr Singh, promoter and founder of the company, serves as Chairman and Managing Director. He holds a BA degree and was previously employed at ONGC and Petrofils Limited. He has 15+ years of experience in the food and beverages industry.

#### Mr Abhishek Singh, Whole-time Director

Mr Abhishek Singh, son of Dhirendra Singh and a Whole-time Director, has been associated with MANB since incorporation. He holds a Bachelor of Engineering degree in Food Technology and has three years of experience in the food & beverages industry. He oversees operations, with a special focus on marketing.

#### Mr Dharmendra Singh, Whole-time Director

Mr Dharmendra Singh, brother of Dhirendra Singh, is a Whole-time Director and has been associated with the company since November 2011. He holds a Bachelor of Arts degree.

#### Mr Dhruv Agrawal, Director – Finance and Investor Relations

Mr Agrawal serves as a Non-executive, Non-independent Director of MANB. He is a Chartered Accountant and is responsible for investor relations.

#### Mr Paresh Thakkar, Chief Financial Officer

Mr Thakkar holds the position of Chief Financial Officer in the company.

## **Financials and Valuation**

Standalone - Income Statement						(	NR Millior
Y/E March	FY12	FY13	FY14	FY15	FY16	FY17E	FY18E
Total Income from Operations	857	2,398	2,943	3,598	5,567	8,380	12,336
Change (%)		180.0	22.7	22.2	54.7	50.5	47.2
Total Expenditure	717	2,011	2,486	2,956	4,463	6,729	9,869
% of Sales	83.7	83.9	84.5	82.2	80.2	80.3	80.0
EBITDA	140	387	457	641	1,104	1,651	2,467
Margin (%)	16.3	16.1	15.5	17.8	19.8	19.7	20.0
Depreciation	46	102	149	205	571	823	1,093
EBIT	94	286	308	436	533	828	1,374
Int. and Finance Charges	30	43	77	107	57	0	0
Other Income	4	3	1	4	91	110	131
РВТ	68	246	231	334	567	938	1,506
Current Tax	7	25	24	36	62	103	166
Deferred Tax	0	-2	2	-2	0	0	0
Tax Rate (%)	10.7	9.1	11.5	10.2	10.9	11.0	11.0
РАТ	61	224	205	300	506	834	1,340
Change (%)		268.1	-8.5	46.2	68.8	65.0	60.6
Margin (%)	7.1	9.3	7.0	8.3	9.1	10.0	10.9
Standalone - Balance Sheet						()	NR Millior
Y/E March	FY12	FY13	FY14	FY15	FY16	FY17E	FY18E
Equity Share Capital	25	25	25	376	501	501	501
Total Reserves	502	722	923	1,534	5,515	6,266	7,472
Net Worth	536	756	957	1,909	6,016	6,767	7,973
Deferred Tax Liabilities	1	0	1	0	0	0	0
Total Loans	318	548	743	1,179	0	0	0
Capital Employed	855	1,304	1,701	3,088	6,016	6,766	7,973
Gross Block	399	927	1,213	1,345	3,573	5,323	6,823
Less: Accum. Deprn.	0	0	294	499	1,070	1,892	2,986
Net Fixed Assets	399	927	919	847	2,503	3,430	3,837
Capital WIP	0	0	0	1,316	1,520	1,200	1,200
Total Investments	60	2	2	0	6	6	6
Curr. Assets, Loans & Adv.	528	707	1,036	1,341	2,579	3,205	4,555
Inventory	160	207	416	424	704	1,106	1,649
Account Receivables	204	326	478	593	677	849	1,183
Cash and Bank Balance	41	56	47	43	928	914	1,229
Loans and Advances	123	118	95	280	270	335	493
Curr. Liability & Prov.	133	334	257	417	593	1,076	1,627
Account Payables	79	184	176	225	450	701	1,082
Other Current Liabilities	38	95	56	95	130	251	370
Provisions	16	56	26	98	13	124	175
Net Current Assets	395	373	779	924	1,986	2,129	2,928
Deferred Tax assets	1	2	1	1	1	1	1

E: MOSL Estimates

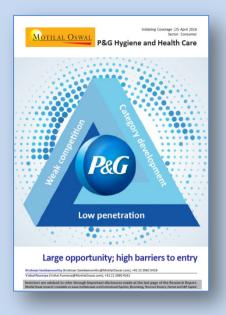
## **Financials and Valuation**

Yf. MarchFY12FY13FY14FY13FY14FY12FY12FY13FY13FY14FY15<	Ratios							
Ins         6.0         5.5         8.0         1.0.1         1.6.7         26.8           Cash EPS         2.8         8.7         9.4         1.1.4         21.5         33.1         48.6           VSNare         1.0.3         1.0.1         1.1.3         1.0.0         1.5.7         1.5.9         1.0.0 <t< th=""><th>Y/E March</th><th>FY12</th><th>FY13</th><th>FY14</th><th>FY15</th><th>FY16</th><th>FY17E</th><th>FY18E</th></t<>	Y/E March	FY12	FY13	FY14	FY15	FY16	FY17E	FY18E
Cash EPS         2.8         8.7         9.4         13.4         21.5         53.1         13.1         48.6           RV/Share         14.3         20.1         25.5         50.8         10.0         15.2         159.3           Psyout (%)         0.0         0.1         1.1         1.3         1.0         1.7         2.7           Psyout (%)         0.0         1.7         1.9         19.7         9.9         10.0         10.0           Valuation (x)	Basic (INR)							
DV/Share14.320.125.550.8120.2135.2159.3DPS0.00.11.11.31.01.72.7Payout (%)0.01.71.91.7.79.910.010.0Valuation (a)-1.0.24.3.33.83.38.3EV/Sales-5.74.4.53.0.02.0.0EV/Sales-5.74.5.53.1.210.1.0Dividend Yield (%)-0.30.20.30.5EC/F ers hare0.30.20.30.5Return Ratios (%)8.82.2.118.81.1.616.2RoCC20.33.1.52.1.21.8.81.4.111.616.2RoCC20.32.4.316.81.2.21.3.118.216.510.0RoCC20.32.1.518.82.3.218.024.024.024.316.014.014.2RoCC20.32.1.517.71.20.91.21.3.118.215.114.814.014.614.2RoCC20.32.6.01.8.82.3.218.024	EPS	1.6	6.0	5.5	8.0	10.1	16.7	26.8
DPS0.00.10.11.31.01.72.7Payot (%)0.01.71.91.919.719.010.0Valuation (x)-65.251.531.219.4P/E-5.251.531.219.419.6P/SV-5.251.531.219.4P/SV-5.22.2715.210.1Dividend Yield (%)-0.30.20.30.5CF per share28.218.811.411.616.2RoC20.331.521.218.811.411.616.2RoC20.331.521.218.811.411.616.2RoC20.331.521.218.811.411.616.2RoC20.331.521.218.811.411.616.2RoC20.331.521.218.811.411.616.2RoC20.324.318.218.213.118.218.0RoC20.524.318.218.811.411.616.2RoC20.524.318.218.813.018.014.0RoC20.524.318.218.813.018.014.0RoC20.524.318.219.013.132.233.550Debtor (Days)68242323.323.023.123.123.1<	Cash EPS	2.8	8.7	9.4	13.4	21.5	33.1	48.6
Payout (%)0.01.71.91.9.19.79.910.010.0Valuation (k) <td< td=""><td>BV/Share</td><td>14.3</td><td>20.1</td><td>25.5</td><td>50.8</td><td>120.2</td><td>135.2</td><td>159.3</td></td<>	BV/Share	14.3	20.1	25.5	50.8	120.2	135.2	159.3
Valuation (x)         P/E         552         51.5         31.2         19.4           P/EV	DPS	0.0	0.1	0.1	1.3	1.0	1.7	2.7
P/É       51.5       31.2       19.4         P/kv       10.2       4.3       3.8       3.3         EV/Sales       5.7       4.5       3.0       2.0         EV/EBITDA       32.2       2.2.7       15.2       10.1         Dividend Yield (%)	Payout (%)	0.0	1.7	1.9	19.7	9.9	10.0	10.0
P/BV10.24.33.83.3EV/Sales5.74.43.02.0EV/Sales5.77.453.02.0.1Dividend Yield (%)0.30.22.2.71.5.2Dividend Yield (%)8.22.8.22.2.70.86.4Ecturn Ratios (%)8.21.8.21.6.51.2.21.8.81.1.4Return Ratios (%)2.2.32.6.01.8.81.2.21.8.11.8.02.4.0RolC2.2.32.6.01.8.81.71.20.91.21.5Newtong (Days)6.83.2.22.23.03.13.23.03.13.2Orching Capital Ratios	Valuation (x)							
EV/Sales5.74.53.02.0EV/Sales3.2.222.716.510.1EV/EBIDA-28.22.2.30.30.5FCF per share-28.2-38.3-0.864.4Return Ratios (%)-28.218.811.411.616.2RoC20.331.521.218.811.411.616.2RoCE20.524.318.216.512.213.118.2RoIC20.326.018.821.213.024.2RotC20.524.318.216.512.213.114.2RotC20.524.318.216.524.334.024.0RotC20.524.330.544.046.044.0Potor(Days)683252.24346.043.0Credior (Days)342822.23356.034.0Uerage Ratio (x)-15.148.014.014.034.0Debt/Equity.660.70.857.186.31.090Interest & Finance Charges2740.07710.254.01.093Direct Rase Shid.30.612.2855.554.21.3931.60Direct Rase Finance Charges.714.12.75.8.71.61.3931.393Direct Rase Shid.72.43.41.41.651.3931.61Orl/Coci In WC.72.7.73.5.74.7.75.8<	P/E				65.2	51.5	31.2	19.4
EV/EBITDA32.222.715.210.1Dividend Yield (%)0.30.20.30.5FCP per share-28.238.3-0.86.4Return Ratios (%)-28.218.811.411.616.2RoCE20.331.521.218.811.411.618.2RoCE20.326.018.825.218.018.024.0Working Capital RatiosAsset Turnover (x)1.01.81.71.20.91.21.5Inventory (Days)6832222.3303132Obtior (Days)86495859443634Creditor (Days)1514891860.00.00.00.0Uterrage Ratio (x)Debt/ Equity0.60.70.80.60.00.00.00.00.0Standalone - Cash Flow StatementFY12FY13FY14FY15FY16FY17FY18FY16OP/Loss) before Tax682472323531.50 <td< td=""><td>P/BV</td><td></td><td></td><td></td><td>10.2</td><td>4.3</td><td>3.8</td><td>3.3</td></td<>	P/BV				10.2	4.3	3.8	3.3
Dividend Yield (%)0.30.20.30.5FCF per share-28.2-38.30.26.4Return Ratios (%)20.331.521.218.811.411.616.2RoCE20.324.318.215.512.218.018.024.0Working Capital Ratios22.320.018.823.218.018.024.0Morking Capital Ratios3225.243464449Debtor (Days)683252434644Oettor (Days)34282223303132Working Cap. Turnover (by)1.5489189695350Ueverage Ratio (x)	EV/Sales				5.7	4.5	3.0	2.0
FCF per share       -28.2       -38.3       -0.8       6.4         Return Ratios (%)       -       -       -       -         RoE       20.3       31.5       21.2       18.8       11.4       11.6       16.2         RoCE       20.3       28.0       18.8       21.2       18.8       11.4       14.6       16.2         RoIC       22.3       26.0       18.8       23.2       18.0       18.0       24.0         Working Capital Ratios	EV/EBITDA				32.2	22.7	15.2	10.1
Return Ratios (%)         V         Image: Normal State	Dividend Yield (%)				0.3	0.2	0.3	0.5
RoE20.331.521.218.811.411.616.2RoCE20.524.318.216.213.118.213.118.2RoIC22.326.018.823.218.024.024.0Morking Capital Ratios1.01.81.71.20.91.21.5Inventory (Days)6832524.34.64.84.9Debtor (Days)864.95.85.94.43.63.4Creditor (Days)3.42.82.22.33.03.13.2Working Cap. Turnover (Days)1.514.89.18.96.96.05.35.0Leverage Ratio (x)0.50.70.80.60.00.00.00.0Standalone - Cash Flow StatementFY12FY13FY14FY15FY16FY12FY18QP/(Loss) before Tax682472.323.35.679.381.500Deptrectation4610.21.492.055.718.231.093Interest & Finance Charges2.74.07.71.034.614.314.10-1.31Direct Taxes Paid-3-6.1-2.8-5.5-6.21.03-1.661.391.481.601.62(Inc//Dec in WC-2.79-1.3-4.12-6.5-1.77-1.57-4.84-6.60.3400.0000000 <td>FCF per share</td> <td></td> <td></td> <td></td> <td>-28.2</td> <td>-38.3</td> <td>-0.8</td> <td>6.4</td>	FCF per share				-28.2	-38.3	-0.8	6.4
RoCE         20.5         24.3         18.2         16.5         12.2         13.1         18.2           RoIC         22.3         26.0         18.8         23.2         18.0         18.0         24.0           Working Capital Ratios	Return Ratios (%)							
Rolc         22.3         26.0         18.8         23.2         18.0         18.0         24.0           Working Capital Ratios	RoE	20.3	31.5	21.2	18.8	11.4	11.6	16.2
Working Capital Ratios         Asset Turnover (x)         1.0         1.8         1.7         1.2         0.9         1.2         1.5           Asset Turnover (x)         1.0         1.8         1.7         1.2         0.9         1.2         1.5           Inventory (Days)         68         32         52         43         46         48         49           Debtor (Days)         34         28         22         23         30         31         32           Working Cap. Turnover (Days)         151         48         91         89         69         53         50           Leverage Ratio (x)          0.6         0.7         0.8         0.6         0.0         0.0         0.0           Standatone - Cash Flow Statement          ry14         FY15         FY16         FY17E         FY18           OP/(Loss) before Tax         68         247         232         333         567         938         1,506           Depreciation         46         102         149         205         571         823         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -1	RoCE	20.5	24.3	18.2	16.5	12.2	13.1	18.2
Asset Turnover (x)       1.0       1.8       1.7       1.2       0.9       1.2       1.5         Inventory (Days)       68       32       52       43       46       48       49         Debtor (Days)       86       49       58       59       44       36       34         Creditor (Days)       34       28       22       23       30       31       32         Working Cap. Turnover (Days)       151       48       91       89       69       53       50         Leverage Ratio (x)       Debt/Equity       0.6       0.7       0.8       0.6       0.0       0.0       0.0         Standalone - Cash Flow Statement       FY12       FY13       FY14       FY15       FY16       FY17E       FY18E         OP/(Loss) before Tax       68       247       232       333       567       938       1,506         Depreciation       46       102       149       205       571       823       1,093         Interest & Finance Charges       27       40       77       102       -34       -110       -131         Direct Taxes Paid       -3       -61       -28       -55       -62	RoIC	22.3	26.0	18.8	23.2	18.0	18.0	24.0
Inventory (Days)         68         32         52         43         46         48         49           Debtor (Days)         86         49         58         59         44         36         34           Creditor (Days)         34         28         22         23         30         31         32           Working Cap. Turnover (Days)         151         48         91         89         69         53         50           Leverage Ratio (x)           0.6         0.7         0.8         0.6         0.0         0.0         0.0           Standalone - Cash Flow Statement           FY13         FY14         FY15         FY16         FY17E         FY18E           OP/(Loss) before Tax         68         247         232         333         567         938         1,506           Depreciation         46         102         149         205         571         823         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -131           Direct Taxes Paid         -3         -61         -28         -55         -62         103	Working Capital Ratios							
Debtor (Days)         86         49         58         59         44         36         34           Creditor (Days)         34         28         22         23         30         31         32           Working Cap. Turnover (Days)         151         48         91         89         69         53         50           Leverage Ratio (x)         Debt/Equity         0.6         0.7         0.8         0.6         0.0         0.0         0.0           Standalone - Cash Flow Statement         V/E         FY13         FY14         FY15         FY16         FY17E         FY18E           OP/(Loss) before Tax         68         247         232         333         567         938         1,500           Depreciation         46         102         149         205         571         823         1,093           Direct Taxes Paid         -3         -61         -28         -55         -62         -103         -166           (Inc)/Dec in WC         -279         -13         -412         -65         -177         -157         -484           CF from Operating incl EO         -140         319         23         527         516         1,390         1	Asset Turnover (x)	1.0	1.8	1.7	1.2	0.9	1.2	1.5
Creditor (Days)         34         28         22         23         30         31         32           Working Cap. Turnover (Days)         151         48         91         89         69         53         50           Leverage Ratio (X)         0.6         0.7         0.8         0.6         0.0         0.0         0.0           Standalone - Cash Flow Statement	Inventory (Days)	68	32	52	43	46	48	49
Working Cap. Turnover (Days)         151         48         91         89         69         53         50           Leverage Ratio (x)         Debt/Equity         0.6         0.7         0.8         0.6         0.0         0.0         0.0           Standalone - Cash Flow Statement         (INR Million           Y/E March         FY12         FY13         FY14         FY15         FY16         FY17E         FY18E           OP/(Loss) before Tax         68         247         232         333         567         938         1,506           Depreciation         46         102         149         205         571         823         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -131           Direct Taxes Paid         -3         -61         -28         -55         62         -103         1666           (Inc)/Dec in WC         -279         -13         -412         -65         -177         -157         -484           Others         2         5         6         6         -349         0         0         0           CF from Operating incl EO         -140         319 <td>Debtor (Days)</td> <td>86</td> <td>49</td> <td>58</td> <td>59</td> <td>44</td> <td>36</td> <td>34</td>	Debtor (Days)	86	49	58	59	44	36	34
Leverage Ratio (x)         0.6         0.7         0.8         0.6         0.0         0.0         0.0           Standalone - Cash Flow Statement         FY12         FY13         FY14         FY15         FY16         FY17E         FY18E           OP/(Loss) before Tax         68         247         232         333         567         938         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -131           Direct Taxes Paid         -3         -61         -28         -55         -62         -103         -166           (Inc)/De in WC         -279         -13         -412         -65         -177         -157         -484           CF from Operations         -142         314         17         S21         865         1,390         1,818           Others         2         5         6         6         -349         0         0         0           Free Cash Flow         -160         -319         23         527         516         1,390         1,818           Others         2         -553         -147         -1,586         -2,431         -1,430         -1,500	Creditor (Days)	34	28	22	23	30	31	32
Debt/Equity         0.6         0.7         0.8         0.6         0.0         0.0           Standalone - Cash Flow Statement         FY12         FY13         FY14         FY15         FY16         FY17         FY18           OP/(Loss) before Tax         68         247         232         333         567         938         1,506           Depreciation         46         102         149         205         571         823         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -1313           Direct Taxes Paid         -3         -61         -28         -55         -62         -103         -1666           (Inc)/Dec in WC         -279         -13         -412         -65         -177         -157         -484           CF from Operations         -142         314         17         521         865         1,390         1,818           Others         2         5         6         6         -2431         -1,400         0         0           Inc)/Dec in FA         -521         -553         -147         -1,586         -2,431         -1,430         -1,500      <	Working Cap. Turnover (Days)	151	48	91	89	69	53	50
Standalone - Cash Flow Statement         (INR Million           Y/E March         FY12         FY13         FY14         FY15         FY16         FY17E         FY18E           OP/(Loss) before Tax         68         247         232         333         567         938         1,506           Depreciation         46         102         149         205         571         823         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -131           Direct Taxes Paid         -3         -61         -28         -55         -62         -103         -166           (Inc)/Dec in WC         -279         -13         -412         -65         -177         -157         -484           CF from Operations         -142         314         17         521         865         1,390         1,818           Others         2         5         6         6         -349         0         0         0           CF from Operating incl EO         -140         319         23         527         516         1,390         1,818           (Inc)/Dec in FA         -521         -553         -147	Leverage Ratio (x)							
Y/E MarchFY12FY13FY14FY15FY16FY17EFY18EOP/(Loss) before Tax682472323335679381,506Depreciation461021492055718231,093Interest & Finance Charges274077102-34-110-131Direct Taxes Paid-3-61-28-55-62-103-166(Inc)/Dec in WC-279-13-412-65-177-157-484CF from Operations-142314175218651,3901,818Others2566-349000CF from Operating incl EO-140319235275161,3901,818(Inc)/Dec in FA-521-553-147-1,586-2,431-1,430-1,500Free Cash Flow-660-234-124-1,059-1,915-40318CF from Investments-577-492-146-1,582-2,346-1,320-1,369Issue of Shares475002634,000000Inc/(Dec) in Debt318230195436-1,17900Inc/(Dec) in Debt318230195436-1,17900Others-290-44580000Others-290-4458000<	Debt/Equity	0.6	0.7	0.8	0.6	0.0	0.0	0.0
Y/E MarchFY12FY13FY14FY15FY16FY17EFY18EOP/(Loss) before Tax682472323335679381,506Depreciation461021492055718231,093Interest & Finance Charges274077102-34-110-131Direct Taxes Paid-3-61-28-55-62-103-166(Inc)/Dec in WC-279-13-412-65-177-157-484CF from Operations-142314175218651,3901,818Others2566-349000CF from Operating incl EO-140319235275161,3901,818(Inc)/Dec in FA-521-553-147-1,586-2,431-1,430-1,500Free Cash Flow-660-234-124-1,059-1,915-40318CF from Investments-577-492-146-1,582-2,346-1,320-1,369Issue of Shares475002634,000000Inc/(Dec) in Debt318230195436-1,17900Inc/(Dec) in Debt318230195436-1,17900Others-290-44580000Others-290-4458000<								
OP/(Loss) before Tax         68         247         232         333         567         938         1,506           Depreciation         46         102         149         205         571         823         1,093           Interest & Finance Charges         27         40         77         102         -34         -110         -131           Direct Taxes Paid         -3         -61         -28         -55         -62         -103         -166           (Inc)/Dec in WC         -279         -13         -412         -65         -177         -157         -484           CF from Operations         -142         314         17         521         865         1,390         1,818           Others         2         5         6         6         -349         0         0           CF from Operating incl EO         -140         319         23         527         516         1,390         1,818           (Inc)/Dec in FA         -521         -553         -147         -1,586         -2,431         -1,430         -1,500           Free Cash Flow         -660         -234         -124         -1,059         -1,915         -40         318							-	
Depreciation461021492055718231,093Interest & Finance Charges274077102-34-110-131Direct Taxes Paid-3-61-28-55-62103-166(Inc)/Dec in WC-279-13-412-65-177157-484CF from Operations142314175218651,3901,818Others2566-349000CF from Operating incl EO-140319235275161,3901,818(Inc)/Dec in FA-521-553-147-1,586-2,431-1,430-1,500Free Cash Flow-660-234-124-1,059-1,915-40318CF from Investments-577-492-146-1,582-2,346-1,320-1,369Issue of Shares475002634,000000Inc/(Dec) in Debt318230195436-1,179000Interest Paid-30-43-77-101-5700000Others-290-445800000000000Interest Paid-290-44580000000000000000<								
Interest & Finance Charges27407710234110.131Direct Taxes Paid-3612855621.03.166(Inc)/De in WC2791341265.1771.57.484CF from Operations1423141.75218651.3901.818Others2566349000CF from Operating incl EO140319235275161.3901.818(Inc)/De in FA521553147-1.5862,431-1,430-1,500Free Cash Flow660234124-1,059-1,915-440318CF from Investments577492146-1,582-2,346-1,320-1,369Issue of Shares475002634,0000000Inc/(Dec) in Debt3182301.95436-1,179000<								
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Others         2         5         6         6         -349         0         0           CF from Operating incl EO         -140         319         23         527         516         1,390         1,818           (Inc)/Dec in FA         -521         -553         -147         -1,586         -2,431         -1,430         -1,500           Free Cash Flow         -660         -234         -124         -1,059         -1,915         -40         318           CF from Investments         -577         -492         -146         -1,582         -2,346         -1,320         -1,369           Issue of Shares         475         0         0         263         4,000         0         0           Inc/(Dec) in Debt         318         230         195         436         -1,179         0         0           Dividend Paid         0         0         0         -44         -550         -83         -134           Others         -29         0         -44         458         0         0         0           Dividend Paid         0         0         -44         458         0         0         0           CF from Fin. Activity <t< td=""><td></td><td></td><td></td><td>-412</td><td></td><td>-177</td><td></td><td>-484</td></t<>				-412		-177		-484
CF from Operating incl EO-140319235275161,3901,818(Inc)/Dec in FA-521-553-147-1,586-2,431-1,430-1,500Free Cash Flow-660-234-124-1,059-1,915-40318CF from Investments-577-492-146-1,582-2,346-1,320-1,369Issue of Shares475002634,00000Inc/(Dec) in Debt318230195436-1,17900Interest Paid-30-43-77-101-57000Dividend Paid000-4458000CF from Fin. Activity7341871141,0512,714-83-134Opening Balance2341564743927914	CF from Operations	-142	314	17	521	865	1,390	1,818
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CF from Investments-577-492-146-1,582-2,346-1,320-1,369Issue of Shares475002634,00000Inc/(Dec) in Debt318230195436-1,17900Interest Paid-30-43-77-101-5700Dividend Paid000-4-50-83-134Others-290-4458000CF from Fin. Activity7341871141,0512,714-83-134Inc/Dec of Cash1815-9-4884-13315Opening Balance2341564743927914				-147	-1,586	-2,431	-1,430	
Issue of Shares475002634,00000Inc/(Dec) in Debt318230195436-1,17900Interest Paid-30-43-77-101-5700Dividend Paid000-4-50-83-134Others-290-4458000 <b>CF from Fin. Activity7341871141,0512,714</b> -83-134Inc/Dec of Cash1815-9-4884-13315Opening Balance2341564743927914				-124	-1,059	-1,915		
Inc/(Dec) in Debt       318       230       195       436       -1,179       0       0         Interest Paid       -30       -43       -77       -101       -57       0       0         Dividend Paid       0       0       0       -4       -50       -83       -134         Others       -29       0       -4       458       0       0       0         CF from Fin. Activity       734       187       114       1,051       2,714       -83       -134         Inc/Dec of Cash       18       15       -9       -4       884       -13       315         Opening Balance       23       41       56       47       43       927       914	CF from Investments	-577	-492	-146	-1,582	-2,346	-1,320	-1,369
Interest Paid         -30         -43         -77         -101         -57         0         0           Dividend Paid         0         0         0         -4         -50         -83         -134           Others         -29         0         -4         458         0         0         0           CF from Fin. Activity         734         187         114         1,051         2,714         -83         -134           Inc/Dec of Cash         18         15         -9         -4         884         -13         315           Opening Balance         23         41         56         47         43         927         914		475	0	0	263	4,000	0	0
Dividend Paid         0         0         0         -4         -50         -83         -134           Others         -29         0         -4         458         0         0         0           CF from Fin. Activity         734         187         114         1,051         2,714         -83         -134           Inc/Dec of Cash         18         15         -9         -4         884         -13         315           Opening Balance         23         41         56         47         43         927         914	Inc/(Dec) in Debt		230	195	436	-1,179	0	0
Others         -29         0         -4         458         0         0         0           CF from Fin. Activity         734         187         114         1,051         2,714         -83         -134           Inc/Dec of Cash         18         15         -9         -4         884         -13         315           Opening Balance         23         41         56         47         43         927         914		-30		-77	-101			0
CF from Fin. Activity7341871141,0512,714-83-134Inc/Dec of Cash1815-9-4884-13315Opening Balance2341564743927914	Dividend Paid	0	0	0	-4	-50	-83	-134
Inc/Dec of Cash         18         15         -9         -4         884         -13         315           Opening Balance         23         41         56         47         43         927         914		-29	0	-4	458	0	0	0
Opening Balance         23         41         56         47         43         927         914	CF from Fin. Activity	734	187	114	1,051	2,714	-83	
	Inc/Dec of Cash	18	15	-9	-4	884	-13	315
Closing Balance         41         56         47         43         927         914         1,229	Opening Balance	23		56	47	43	927	914
	Closing Balance	41	56	47	43	927	914	1,229

E: MOSL Estimates

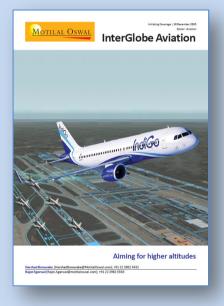
## **REPORT GALLERY**

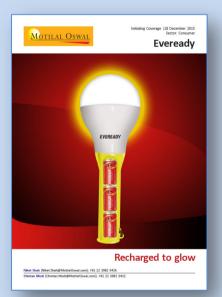
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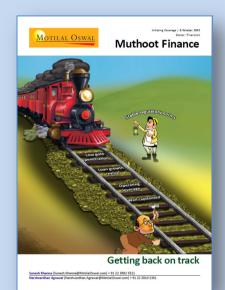


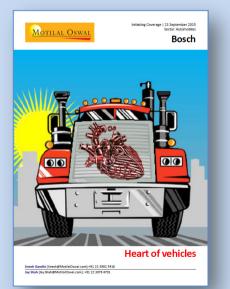




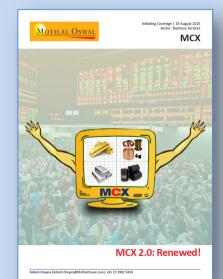












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Varun Kumar Varun.kumar@motilaloswal.com Contact : (+65) 68189232 Office Address:21 (Suite 31),16 Collyer Quay, Singapore 04931

Kadambari Balachandran kadambari.balachandran@motilalos (+65) 68189233 / 65249115



Motilal Oswal Securities Ltd Motilal Oswal Tower, Level 9, Sayani Road, Prabhadevi, Mumbai 400 025 Phone: +91 22 3982 5500 E-mail: reports@motilaloswal.com