

# Mahindra & Mahindra

BSE SENSEX	S&P CNX
40,324	11,908
Bloomberg	MM IN
Equity Shares (m)	1,209
M.Cap.(INRb)/(USDb)	721.1 / 10.1
52-Week Range (INR)	814 / 503
1, 6, 12 Rel. Per (%)	-5/-15/-41
12M Avg Val (INR M)	2468
Free float (%)	81.1

### Financials & Valuations (INR b)

Y/E Mar	2019	<b>2020E</b>	2021E
Sales	536.1	469.9	524.0
EBITDA	66.4	58.5	65.3
NP (incl. MVML)	54.2	40.7	44.3
Adj. EPS (INR) *	45.5	34.2	37.1
EPS Gr. (%)	25.3	-24.8	8.6
BV/Sh. (INR)	287	320	344
RoE (%)	14.9	11.3	10.2
RoCE (%)	13.9	10.6	9.7
P/E (x)	12.8	17.0	15.6
Cons. P/E (x)	13.6	16.6	14.7
P/BV (x)	2.0	1.8	1.7
* incl. MVML			

Estimate change	1
TP change	1
Rating change	<b>←</b>

CMP: INR580 TP: INR680 (+17%) Buy

### Above est.; Superior operating performance despite weak volumes

- Total volumes declined ~16% YoY. Realizations grew 2.1% YoY to ~INR571.3k (v/s est. ~INR580.2k). Net revenues (incl. MVML) declined 14.5% to ~INR109.4b (v/s est. ~INR111b). EBITDA margins declined 40bp YoY (flat QoQ) to 14.1% (v/s est. 12.2%). Margin beat was driven by better mix, price increases and lower RM costs. PBIT margins for Autos declined ~210bp YoY (-70bp QoQ) to 5.8% and for Tractors, it declined 90bp YoY (flat QoQ) to 19.3%. Adj. PAT declined 19% YoY to ~INR13.5b (v/s est. ~INR14.7b). It is yet to adopt new tax regime.
- 1HFY20 revenue/EBITDA/PAT has grown -9%/-16%/19%. CFO in 1HFY20 has declined ~90% due to weak operating performance and increase in working capital. With capex (incl. investments in subsidiaries) stable at ~INR27.9b, FCFF was negative at ~INR26.5b (v/s -INR11.5b in 1HFY19).
- Takeaways from the earnings call: (a) MM's festive season retail sales for Tractor declined 4%, while it grew 23% for the Auto segment; (b) 2HFY20 PV industry outlook UVs to grow 12-13%, cars to decline 8-10% and overall PVs to decline 5-6%; (c) Tractors should decline 7-8% (v/s earlier guidance of up to 5% decline) in FY20; (d) Inventory Autos 5-6k units short of target and Tractors are at targeted level but would further reduce by 1-1.5k in 3QFY20; and (e) It has reduced discounts in Auto segment post the festive season.
- Valuation and view: We are upgrading our EPS estimates by 8-9% to factor in the strong margins. M&M's UV business is facing cyclical headwinds, along with rise in competitive intensity. Further, we expect it to face headwinds in the diesel portfolio during the BS6 transition. The stock trades at implied core P/E of ~11.3x/10.4x. Maintain Buy with TP of ~INR680 (Sep'21 SOTP-based).

Quarterly Performance (in	cl MVML)									(IN	R Million)
Y/E March		FY1	.9			FY2	20		FY19	FY20E	FY20
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE
Total Volumes (nos)	2,40,884	2,28,590	2,34,001	2,35,557	2,18,039	1,91,390	2,15,929	1,81,442	9,39,032	8,06,800	1,91,390
Growth YoY (%)	19.1	3.7	10.9	-2.2	-9.5	-16.3	-7.7	-23.0	8.1	-14.1	-16.3
Net Realization	5,54,527	5,59,524	5,50,959	5,86,180	5,87,302	5,71,349	5,60,195	5,82,798	5,62,795	5,75,250	5,80,225
Growth YoY (%)	3.1	2.6	1.2	5.7	5.9	2.1	1.7	-0.6	2.8	2.2	3.7
Net Op. Income	1,33,577	1,27,902	1,28,925	1,38,079	1,28,055	1,09,351	1,20,962	1,05,744	5,28,482	4,64,112	1,11,049
Growth YoY (%)	22.8	6.4	12.2	3.4	-4.1	-14.5	-6.2	-23.4	11.1	-12.2	-13.2
RM Cost (% of sales)	67.4	67.6	69.2	68.3	67.9	66.0	66.2	66.9	68.1	66.8	68.4
Staff (% of sales)	6.3	6.5	6.6	5.5	6.8	7.4	7.2	8.0	6.2	7.3	7.6
Oth. Exp. (% of Sales)	10.4	11.2	11.0	12.5	11.2	12.3	11.9	12.2	11.4	12.0	11.7
EBITDA	21,101	18,493	17,029	18,678	17,936	15,408	17,768	13,384	75,301	64,495	13,575
EBITDA Margins (%)	15.8	14.5	13.2	13.5	14.0	14.1	14.7	12.7	14.2	13.9	12.2
Other income	1,930	8,478	3,423	2,473	1,919	8,225	3,270	3,419	16,303	16,833	8,265
Interest	431	379	353	304	302	331	394	389	1,467	1,416	375
Depreciation	4,295	4,986	5,054	5,696	5,839	5,721	5,950	6,335	20,030	23,845	5,875
PBT	18,550	22,981	14,245	14,103	27,384	17,582	14,694	10,078	69,879	69,738	15,590
Effective Tax Rate (%)	32.2	22.6	2.0	31.3	17.5	22.9	27.3	27.4	22.7	22.4	6.0
Reported PAT	12,572	17,788	13,960	9,692	22,597	13,548	10,690	7,315	54,012	54,150	14,655
Adj PAT	12,383	16,725	14,578	10,502	9,180	13,548	10,690	7,315	54,187	40,733	14,655
Change (%)	64.7	18.7	40.7	-15.2	-25.9	-19.0	-26.7	-30.3	25.4	-24.8	-12.4

Jinesh Gandhi - Research analyst (Jinesh@MotilalOswal.com); +91 22 6129 1524

Aanshul Agarawal - Research analyst (Aanshul.Agarawal@MotilalOswal.com); +91 22 7193 4337

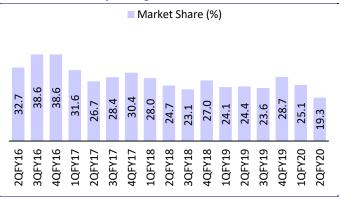
### Record high auto realizations at INR606k/unit

- Total volumes declined ~16.3% YoY, with tractors volumes declining by 8% YoY while UV volume declined ~22% YoY.
- Net realizations grew ~2.1% YoY to ~INR571.3k (v/s est ~INR580.2k). Realizations for auto business grew 2.7% YoY (-4.9% QoQ) whereas Tractor business grew 2% YoY (flat QoQ).
- Net revenues (M&M+MVML) declined ~14.5% to ~INR109.4b (v/s est ~INR111b).

**Exhibit 1: Trend in passenger UV volumes** 

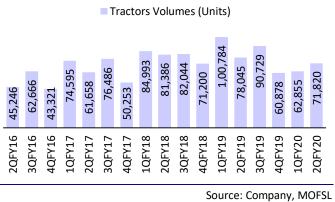
2QFY16 45,228
3QFY16 58,660
4QFY16 69,082
1QFY17 52,287
3QFY17 52,287
3QFY17 52,287
4QFY17 62,573
1QFY18 53,082
2QFY18 61,516
3QFY18 51,512
4QFY19 55,656
3QFY19 55,656
3QFY19 55,656
3QFY19 51,219
4QFY19 51,219
4QFY19 55,656
3QFY19 55,656
3QFY19 55,656
3QFY19 51,219
4QFY19 55,656
3QFY20 56,095

Exhibit 2: Trend in passenger UV market share

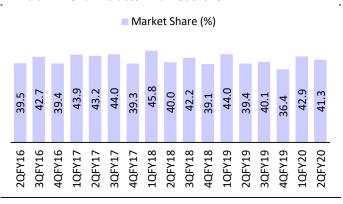


e: Company, MOFSL Source: Company, MOFSL

**Exhibit 3: Trend in tractor volumes** 

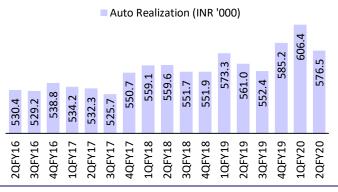


**Exhibit 4: Trend in tractor market share** 

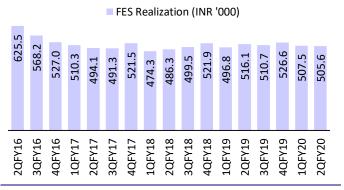


: Company, MOFSL Source: Company, MOFSL

**Exhibit 5: Trend in auto realizations** 



**Exhibit 6: Trend in FES realizations** 



Source: Company, MOFSL Source: Company, MOFSL

### **Lower RM costs boost margins**

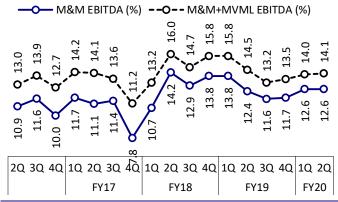
- EBITDA margins at 14.1% (v/s es.t 12.2%), declined ~180bp YoY (+50bp QoQ). Margin beat was driven by better mix, price increases and lower RM cost.
- EBITDA declined ~17% YoY (-14.1% QoQ) to ~INR15.4b (v/s est ~INR13.6b).
- PBIT margins for Autos declined ~200bp YoY (-230bp QoQ) to 6.5%, impacted by negative operating leverage though gross margins were stable.
- PBIT margins for Tractors declined 80bp YoY (flat QoQ) to 19.3%, impacted by negative operating leverage.
- PBT at ~INR17.6b (v/s est. ~INR15.6b) declined ~24% YoY (-36% QoQ).
- Adj. PAT declined 19% YoY to ~INR13.5b (v/s est ~INR14.7b). It is yet to adopt new tax regime at standalone entity, whereas it has shifted to new regime at MVML.

**Exhibit 7: Trend in EBITDA margin** 

EBITDA (INR m)

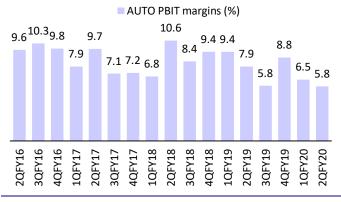
Description of the property of

Exhibit 8: Trend in S/A and M&M (incl. MVML) margins



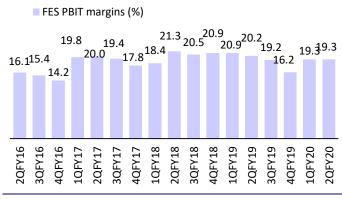
Source: Company, MOFSL

**Exhibit 9: Trend in Auto PBIT margins** 



Source: Company, MOFSL

**Exhibit 10: Trend in FES PBIT margins** 



Source: Company, MOFSL

MOTILAL OSWAL



### **Earnings call highlights**

- M&M's **festive season retail sales** for Tractors declined 4%, while it grew 23% for the Auto segment. Since the company had witnessed sudden drop in retails (except tractors) during the last festive season, the growth is good for Autos. It estimates PV industry volume growth at 14-15% during the festive season.
- Inventory for Auto segment is 5-6k lower than normal and is the lowest in five years. For Tractors, it is at normal level; it would further reduce by 1-1.5k in 3QFY20.
- **PV industry 2HFY20 outlook**: UVs should grow 12-13% (due to new products), cars should decline 8-10% and overall, PVs should decline 5-6%.
- Tractor industry FY20 guidance is of 7-8% decline (v/s earlier guidance of up to 5% decline) as company expects Nov'19 to be satisfactory, Dec'19-Jan'20 should be slow, but Feb-Mar 2020 is expected to be strong.
- CV industry volumes are expected to remain weak as availability of freight is weak.
- New product launches: It plans to launch three new UVs in FY21, along with e-KUV (4QFY20), e-XUV300 (1QFY22) and EV for last mile connectivity (3QFY21).
- **Discounts**: While the general discount in the auto industry during the festive season was much higher, M&M had increased its discounts only by ~INR1,500 per vehicle on a YoY basis (INR3-4k QoQ increase). It has lowered discounts post the festive season.
- EVs: Expect continued growth in retail of 600 Treo and 1,300 e-Alpha. Delhi, Lucknow, Patna and Kolkata are key markets for these e-3Ws.
- SCV/LCVs will see substantial cost increase for BS6 diesel. M&M is also working on other fuels like CNG and Petrol.
- **3Ws**: It expects 3W electrification to happen over the next 2-3 years. It sold ~600 Treo 3Ws and ~1300 e-Alphas in 2QFY20.
- **Jawa**: It has ramped up production to ~5k/month. Production ramp-up is happening after some hiccups on the supply chain side. It has delayed launch of Jawa Perak, which is now being launched on 15<sup>th</sup> Nov'19.
- Ssangyong Motors: It is impacted by the significant sudden drop in performance in 1HFY20 due to adverse development in key export markets as well as slowdown in the Korean market. This has resulted in variable marketing expenses going up and impacting profitability. Going forward, focus would be on material cost reduction and exploring new markets for exports. These initiatives would start bearing fruit from CY20. SYMC's break-even EBITDA level at ~140k annual volumes and PBT at ~155k annual volumes.

### Valuation and view

■ Pick-up in monsoons could drive recovery in tractor demand: Tractor demand has been under pressure over last 9 months, impacted by weakness in pockets due to poor monsoon last year, extended monsoon this year as well as liquidity related issues. With monsoon catching up and ending on a positive note, outlook for tractor has improved considerably. While we estimate tractor volumes to decline ~6.5% in FY20E, we expect strong recovery in FY21 with ~12% growth. Further, we expect continued ramp-up in non-tractor mechanization (implements, harvesters etc.), which should result in stronger revenue growth over FY19-FY21E.

- UVs Medium-term challenges persist: We expect headwinds for both pick-up UVs (~21% of FY19 volumes) as well as passenger UVs due to on-going weak demand environment as well as due to substantial price increase due to BS6 compliance. With ~50% market share in LCVs <3.5ton, M&M's pick-up volumes are estimated to decline ~4% CAGR over FY19-21E, whereas passenger UVs volumes are estimated to decline ~16% CAGR over FY19-21. Passenger UVs volumes are also impacted due to new competition viz Kia and MG Motors.
- Compact SUVs key driver of UV industry, but competition to remain high: UV segment is expected to outgrow PV industry over next 3-5 years. However, growth in UVs is expected to be driven by increasing acceptance of compact SUVs by car buyers, while traditional UVs (M&M's forte) could show cyclical recovery in volumes. MM is responding to changing industry dynamics, it is this time challenged by market leaders like Maruti and Hyundai in compact SUV segment, where MM is a weak player. Also, competition from new players and launches to further intensify competition in the segment. We estimate profitability of MM's UV business to be under pressure in medium term, as it will have shorten product refresh cycle and adopt very aggressive pricing.
- Valuation and view: We are upgrading our EPS estimates by 8-9% to factor in for strong margins. While MM would face transition risk to BS6 for diesel portfolio, it is on track for having a complete gasoline powertrain for all UV models by 2020. Also, competitive intensity has further increased, particularly in core mid-sized SUV segment. On the other hand, an tractor demand outlook has improved post good monsoon. As a result, we are estimating ~10% CAGR decline in EPS for MM. These challenges are priced in as reflected in core business implied valuation of 1~11.3x/10.4x FY20/21 EPS. Maintain Buy with TP of ~INR680 (Sep-21 based SOTP).

**Exhibit 11: Revised estimates** 

		FY20E			FY21E	
	Rev	Old	Chg (%)	Rev	Old	Chg (%)
Volumes ('000 units)	807	801	0.8	849	841	0.9
Net Sales	470	475	-1.2	524	529	-1.0
EBITDA (%, incl MVML)	13.9	12.7	120bp	14.1	13.0	110bp
Net Profit	41	41	-0.8	41	42	-3.1
EPS (INR)	34	35	-0.8	34	35	-3.1
EPS (INR, incl MVML)	34.2	34.4	-0.7	37.1	37.3	-0.5
Cons EPS (INR)	34.9	32.0	9.1	39.5	36.6	7.9

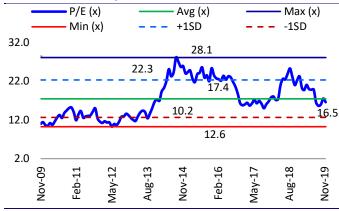
Source: MOFSL

Exhibit 12: M&M - Sum-of-the-parts (INR/share)

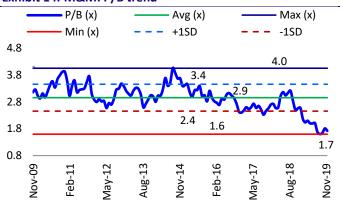
	FY20E	FY21E
EPS (MM+MVML)	37.1	41.0
PE attributable (x)	12.5	12.5
Value of core business	462	511
Value of subsidiaries @ Hold Co discount	40	40
1. Tech Mahindra	98	98
2. M&M Financial Services	52	52
3. Mahindra Lifespaces	5	5
4. Mahindra Holidays	10	10
5. Ssangyong	8	8
6. Mahindra CIE	3	3
7. CIE Automotive Spain	9	9
8. Mahindra Logistics	9	9
Target price (after 40% discount)	656	705
Upside (%)	13.1	21.5
Core PE (x)	10.4	9.4

Source: MOFSL





### Exhibit 14: M&M: P/B trend



Source: Bloomberg, MOFSL

# **Operating metrics**

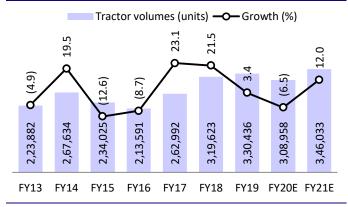
**Exhibit 15: Snapshot of Revenue model** 

000 units	FY16	FY17	FY18	FY19	FY20E	FY21E
Tractors	214	263	320	330	309	346
Growth (%)	-8.7	23.1	21.5	3.4	-6.5	12.0
% of total volumes	30.2	34.6	37.2	35.6	38.6	41.1
Uvs	424	437	477	523	418	418
Growth (%)	6.7	3.1	9.1	9.5	-20.0	0.0
LCVs (MTBL)	6	8	8	8	7	7
Growth (%)	20.6	18.7	1.6	8.6	-17.5	-5.0
3-Ws	55	52	55	67	67	72
Growth (%)	-3.2	-4.9	4.4	22.1	1.0	7.0
Growth (%)	62.5	0.0	0.0	0.0	0.0	0.0
M&HCVs (MTBL)	6	7	9	11	5	6
Growth (%)	15.0	0.0	0.0	0.0	0.0	0.0
Total Autos	494	497	540	598	492	497
Growth (%)	6.3	0.7	8.5	10.8	-17.6	0.9
% of total volumes	69.8	65.4	62.8	64.4	61.4	58.9
Total volumes	708	760	859	928	801	843
Growth (%)	1.3	8.8	12.9	8.1	-14.1	5.2
Net Sales (INR b)	404	441	487	536	470	524
Growth (%)	6.6	9.1	10.5	10.1	-12.4	11.5

Source: Company, MOFSL

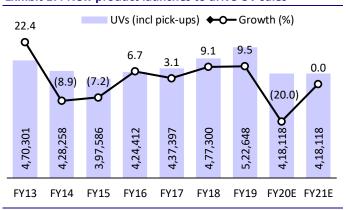
## **Story in charts**

**Exhibit 16: Trend in tractor volumes** 



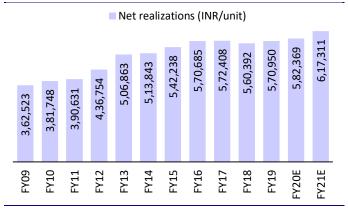
Source: Company, MOFSL

Exhibit 17: New product launches to drive UV sales



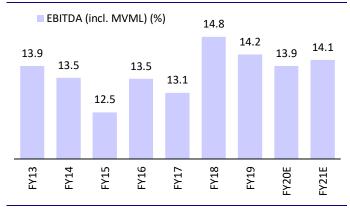
Source: Company, MOFSL

**Exhibit 18: Realization trend** 



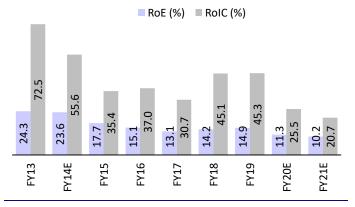
Source: Company, MOFSL

**Exhibit 19: Trend in EBITDA margins** 



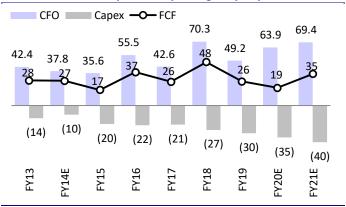
Source: Company, MOFSL

**Exhibit 20: Trend in return profile** 



Source: Company, MOFSL

Exhibit 21: FCF to improve despite high capex plans



Source: Company, MOFSL

## **Financials and Valuations**

Income Statement					(INR Million)
Y/E March	2017	2018	2019	2020E	2021E
Net Op. Income	4,40,535	4,86,856	5,36,140	4,69,855	5,23,964
Change (%)	7.8	10.5	10.1	-12.4	11.5
Total Expenditure	3,95,388	4,24,615	4,69,744	4,11,388	4,58,636
EBITDA	45,147	62,240	66,396	58,467	65,328
Margins (%)	10.2	12.8	12.4	12.4	12.5
Margins (%, incl MVML)	13.1	14.8	14.2	13.9	14.1
Depreciation	15,264	14,794	18,604	22,295	26,601
EBIT	29,883	47,446	47,792	36,173	38,727
Deferred Revenue Exp.	0	0	0	0	0
Int. & Finance Charges	1,596	1,122	1,134	1,116	1,116
Other Income	13,455	10,364	16,890	17,483	18,262
Non-recurring Income	5,485	4,336	-297	13,671	0
Profit before Tax	47,226	61,024	63,250	66,210	55,873
Tax	10,792	17,464	15,290	14,699	15,365
Eff. Tax Rate (%)	22.9	28.6	24.2	22.2	27.5
Adj. Profit after Tax	32,203	40,465	48,186	40,876	40,508
Change (%)	2.1	25.7	19.1	(15.2)	(0.9)
Adj. PAT (incl MVML)	35,133	43,202	54,187	40,733	44,250
Balance Sheet					(INR Million)
Y/E March	2017	2018	2019	2020E	2021E
Share Capital	2,968	5,950	5,958	5,958	5,958
Reserves	2,64,888	2,96,991	3,36,135	3,75,730	4,04,322
Net Worth	2,67,856	3,02,941	3,42,093	3,81,688	4,10,280
Deferred tax	2,548	2,772	6,341	6,341	6,341
Loans	27,729	28,644	24,803	24,803	24,803
Capital Employed	2,98,134	3,34,357	3,73,237	4,12,833	4,41,425
Application of Funds					
Gross Fixed Assets	1,54,778	1,82,295	2,23,122	2,72,320	3,12,320
Less: Depreciation	77,068	1,03,700	1,22,304	1,44,599	1,71,200
Net Fixed Assets	77,710	78,594	1,00,818	1,27,721	1,41,119
Capital WIP	20,404	31,287	24,198	10,000	10,000
Investments	1,79,084	2,05,830	2,20,160	2,30,321	2,45,321
Curr.Assets, L & Adv.	1,25,034	1,58,457	1,81,795	1,77,037	1,86,707
Inventory	27,580	27,017	38,393	33,646	37,521
Sundry Debtors	29,388	31,730	39,463	34,584	34,452
Cash & Bank Bal.	16,875	28,937	37,317	43,063	44,454
Loans & Advances	5,406	10,182	7,110	6,231	10,766
Others	45,784	60,591	59,513	59,513	59,513
Current Liab. & Prov.	1,04,098	1,39,811	1,53,734	1,32,246	1,41,723
Sundry Creditors	68,811	86,034	96,782	77,236	86,131
Other Liabilities	21,388	38,485	41,236	41,236	41,236
Provisions	13,899	15,292	15,716	13,773	14,355
Net Current Assets	20,935	18,646	28,061	44,791	44,985
Application of Funds	2,98,134	3,34,357	3,73,237	4,12,833	4,41,425

E: MOFSL Estimates

## **Financials and Valuations**

Y/E March	2017	2018	2019	2020E	2021E
Basic (INR)					
Fully diluted EPS	27.1	34.0	40.4	34.3	34.0
FD EPS (incl MVML)	29.6	36.3	45.5	34.2	37.1
Consolidated EPS	27.4	41.0	42.7	34.9	39.5
Cash EPS	40.0	46.4	56.1	53.0	56.3
Book Value per Share	225.6	254.6	287.1	320.3	344.3
DPS	6.5	7.5	8.5	10.0	10.0
Payout (Incl. Div. Tax) %	12.3	23.8	24.5	26.9	34.2
Valuation (x)					
P/E	19.6	16.0	12.8	17.0	15.6
Consolidated P/E	21.2	14.1	13.6	16.6	14.7
Cash P/E	14.5	12.5	10.3	10.9	10.3
EV/EBITDA	7.1	10.5	9.8	11.1	9.9
EV/Sales	0.7	1.3	1.2	1.4	1.2
Price to Book Value	2.6	2.3	2.0	1.8	1.7
Dividend Yield (%)	1.1	1.3	1.5	1.7	1.7
Profitability Ratios (%)					
RoE	13.1	14.2	14.9	11.3	10.2
RoCE	12.4	13.0	13.9	10.6	9.7
ROIC	30.7	45.1	45.3	25.5	20.7
Turnover Ratios					
Debtors (Days)	24	24	27	27	24
Inventory (Days)	23	20	26	26	26
Creditors (Days)	57	65	66	60	60
Working Capital (Days)	17	14	19	35	31
Asset Turnover (x)	1.5	1.5	1.4	1.1	1.2
Leverage Ratio					
Debt/Equity (x)	0.1	0.1	0.1	0.1	0.1
Cash Flow Statement					(INR Million)
Y/E March	2017	2018	2019	2020E	2021E
OP/(Loss) before Tax	41,742	56,688	63,547	36,173	38,727
Int./Dividends Received	-9,800	-8,084	-13,184	17,483	18,262
Depreciation & Amort.	15,264	14,794	18,604	22,295	26,601
Direct Taxes Paid	-9,929	-12,887	-14,341	-14,699	-15,365
(Inc)/Dec in Wkg. Capital	-508	17,803	-5,060	-10,984	1,198
Other Items	332	1,957	-327		
CF from Oper.Activity	37,100	70,271	49,239	50,269	69,423
Extra-ordinary Items	5,485	0	0	13,671	0
CF after EO Items	42,585	70,271	49,239	63,939	69,423
(Inc)/Dec in FA+CWIP	-20,743	-26,688	-30,316	-35,000	-40,000
Free Cash Flow	16,358	43,583	18,923	15,269	29,423
(Pur)/Sale of Invest.	-7,076	-24,416	4,829	-10,160	-15,000
CF from Inv. Activity	-27,818	-51,104	-25,487	-45,160	-55,000
Change in Net Worth	0	0	0	1,930	1,930
Inc/(Dec) in Debt	-1,742	592	-3,725	0	0
Interest Paid	-1,482	-1,695	-1,710	-1,116	-1,116
Dividends Paid	-8,391	-9,230	-10,117	-12,084	-12,084
CF from Fin. Activity	-11,615	-10,333	-15,552	-11,270	-11,270
Inc/(Dec) in Cash	-2,333	8,834	8,199	-6,162	3,153
Add: Beginning Balance	22,870	16,875	28,937	37,317	43,063
Closing Balance	20,705	25,876	37,137	31,323	46,385

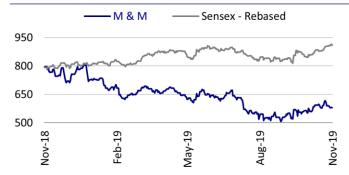
E: MOFSL Estimates

## **Corporate profile**

### **Company description**

M&M is the market leader in UV and tractors, with market share of over 40% in both segments. It also has presence into CVs, 3-wheelers and 2-wheelers segments. Also, Ssangyong, it subsidiary in South Korea is focused on SUV segment in global markets. Apart from core auto business, it has subsidiaries/associates in various businesses like IT, NBFC, Auto ancillaries, hospitality, infrastructure etc.





Source: MOFSL/Bloomberg

Exhibit 2: Shareholding pattern (%)

	01	_ , ,	
	Sep-19	Jun-19	Sep-18
Promoter	18.9	18.9	20.5
DII	26.7	23.1	20.3
FII	41.5	41.9	42.1
Others	12.9	16.1	17.2

Note: FII Includes depository receipts Source: Capitaline

**Exhibit 3: Top holders** 

Holder Name	% Holding
Life Insurance Corporation Of India Alongwith Its Sub Accounts	10.8
First State Investments Icvc- Stewart Investors Asia Pacific Leaders Fund	4.1
SBI FUND Along With Its Sub-Accounts	2.5
Caisse De Depot Et Placement Du Quebec	1.9
ICICI PRUDENTIAL FUND Along With Its Sub- Accounts	1.4

Source: Capitaline

**Exhibit 4: Top management** 

Name	Designation
Anand Mahindra	Executive Chairman
Keshub Mahindra	Chairman Emeritus
Pawan Goenka	Managing Director
Narayan Shankar	Company Secretary

Source: Capitaline

**Exhibit 5: Directors** 

Name	Name
Haigreve Khaitan	T N Manoharan
M Murugappan	Vikram Singh Mehta
B Godrej	Vishakha N Desai
hikha Sharma	Vijay Kumar Sharma

\*Independent

**Exhibit 6: Auditors** 

Name	Туре
D C Dave & Co	Cost Auditor
Sachin Bhagwat	Secretarial Audit
BSR&CoLLP	Statutory

Source: Capitaline

Exhibit 7: MOFSL forecast v/s consensus

EPS	MOFSL	Consensus	Variation
(INR)	forecast	forecast	(%)
FY20	34.9	40.8	-14.5
FY21	39.5	40.9	-3.5

Source: Bloomberg

## NOTES

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

\*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on <a href="https://www.motilaloswal.com">www.motilaloswal.com</a>. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL),NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <a href="https://galaxy.motilaloswal.com/ResearchAnalyst/Publish/Jewil titigation.aspx">https://galaxy.motilaloswal.com/ResearchAnalyst/Publish/Jewil titigation.aspx</a>

https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx
A graph of daily closing prices of securities is available at <a href="https://www.nseindia.com">www.nseindia.com</a>, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

### Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

### or Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

### For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co.Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

### Specific Disclosures

- 1 MOSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- 2 MOSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- 3 MOSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- 4 MOSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- 5 Research Analyst has not served as director/officer/employee in the subject company
- 6 MOSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 7 MOSL has not received compensation for investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- 8 MOSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- 9 MOSL has not received any compensation or other benefits from third party in connection with the research report
- 10 MOSL has not engaged in market making activity for the subject company

### The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months

- other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

### **Analyst Certification**

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

#### Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

#### Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays

Registered Office Address: Motilal Oswal Tower, Řahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website <a href="https://www.motilaloswal.com.clin.no.">www.motilaloswal.com.clin.no.</a>: L67190MH2005PLC153397.Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai-400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)\*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579;PMS:INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP00000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Wealth Management Ltd. (MOWML): PMS (Registration No.: INP000004409) is offered through MOWML, which is a group company of MOFSL. Motilal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs, Insurance Products and IPOs.Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Research & Advisory services is backed by proper research. Please read the Risk Disclosure Document prescribed by the Stock Exchanges carefully before investing. There is no assurance or guarantee of the returns. Investment in securities market is subject to market risk, read all the related documents carefully before investing. Details of Compliance Officer: Name: Neeraj Agarwal, Email ID: na@motilaloswal.com, Contact No.:022-71881085.

\* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal. Mumbai Bench.