



June 15, 2017

Rating matrix Rating : Buy Target : ₹ 2570 Target Period : 12-18 months Potential Upside : 12%

What's changed?	
Target	Changed from ₹ 1860 to ₹ 2570
EPS FY18E	Changed from ₹ 65.8 to ₹ 69.0
EPS FY19E	Changed from ₹ 74.4 to ₹ 80.2
Rating	Changed from Hold to Buy

Key financials				
₹ Crore	FY16	FY17	FY18E	FY19E
Net Sales	525.9	666.1	791.4	911.0
EBITDA	73.6	104.6	126.6	147.6
Net Profit	51.2	68.9	85.7	99.6
EPS (₹)	41.2	55.4	69.0	80.2

Valuation summary				
	FY16	FY17	FY18E	FY19E
P/E	55.8	41.5	33.3	28.7
Target P/E	62.4	46.4	37.2	32.0
EV / EBITDA	36.2	25.1	20.8	17.6
P/BV	10.8	10.1	9.5	8.9
RoNW	19.4	24.3	28.4	31.2
RoCE	22.7	31.2	36.3	39.9

Stock data	
Stock Data	₹ crore
Market Capitalization	2,856.6
Total Debt (FY17)	0.0
Cash & Investments (FY17)	235.1
EV	2,621.5
52 week H/L	2389 / 1098
Equity capital	₹ 12.4 crore
Face value	₹ 10
MF Holding (%)	12.2
FII Holding (%)	5.0

Price performance				
Return %	1M	3M	6M	12M
Swaraj Engines	26.2	65.5	70.4	105.9
M & M	2.9	5.9	19.6	3.7
Kirloskar Oil Engines	-0.6	41.4	55.8	78.0

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Swaraj Engines (SWAENG)

₹ **2300**

'Swaraj Brand' on strong footing...

- Swaraj Engines (SEL) is a leading manufacturer of Engines supplying to Swaraj Brand of tractors under parent group Mahindra & Mahindra
- It supplies engines in <50 hp tractor segment with >50 hp engines in development phase with potential launch over FY17-19E.
- Swaraj brand of tractors has made strong inroads into the tractor industry domestically over the last 10 years, with a market share increase from ~8% in FY07 to ~16-18% in FY17. It has a strong presence in key states namely Madhya Pradesh, Western UP, Punjab, Rajasthan, Maharashtra and Andhra Pradesh.
- The larger acceptance of Swaraj brand of tractors is primarily on the back of balanced design, low cost of ownership over the lifecycle of product, robust service network and fuel efficiency among others.
- Sensing the robust tractor demand, the company is expanding its capacity from 105,000 units to 120,000 units with due commissioning in Q4FY18 which will fuel the next leg of growth at SEL.
- Recently declared 28% GST rate on tractor engines is expected to be revenue neutral for SEL given it was paying 12% as excise duty and 12% as Sales tax coupled with limitation over input credit-purchases.
- We expect Swaraj Brand to continue out-performing the domestic tractor industry with consequent benefits flowing down to SEL.

IMD upgrades rainfall forecast to 98% of LPA; SEL to benefit

The Indian Meteorological Department (IMD) has upgraded its rainfall forecast for the upcoming monsoon season 2017 to 98% of LPA vs. the earlier forecast of 96% of LPA. Moreover, the geographical distribution is expected to be spatially well distributed with rainfall at 96% of LPA over North West India, 100% of LPA over Central India, 99% of LPA over South Peninsula and 96% of LPA over North East India. IMD has further provided monthly rainfall forecast over the country at 96% of LPA in July & 99% of LPA in August. This is likely to result in robust farm production and consequent increase in farm income, boosting rural demand, thereby benefiting all farm mechanisation companies including SEL.

Domestic tractor industry rebounds well in FY17, volumes up 18% YoY

The domestic tractor industry has been at the forefront of farm mechanisation in India. Tractor sales in FY17 stood at $\sim\!5.8$ lakh units vs. $\sim\!4.9$ lakh units in FY16, implying a robust 18% volume growth for the industry. Tractor sales at the market leader i.e. M&M in the aforesaid period stood at $\sim\!2.5$ lakh units, up 23% YoY. This implies gain in market share for M&M (41.3% in FY16 to 42.8% in FY17) which also benefited SEL with sales volume up 28% YoY vs. the industry growth of 18%.

Outstanding balance sheet amid robust earnings growth; upgrade to BUY

SEL has a superlative balance sheet with Nil debt, negative working capital cycle and robust return ratios. Average RoCE, RoE & RolC over FY17-19E is expected at 36%, 28% & 206% respectively. Recently accounted farm loan waivers by key agrarian states will certainly aid tractor growth however; it is not the optimum solution to address farm distress. Incorporating the same and positive monsoon momentum we upgrade our estimates and valuation multiple. We believe that SEL will command premium valuations given high certainty of double digit earnings growth coupled with prominent presence in govt. focussed farm segment. We expect SEL to clock engine sales volume CAGR of 16% over FY17-19E to 110682 units in FY19E. We expect sales and PAT to grow at a CAGR of 17% and 20%, respectively, in FY17-19E. We value SEL at ₹ 2570 i.e. 32x P/E on FY19E EPS of ₹ 80.2 and assign a BUY rating on the stock.



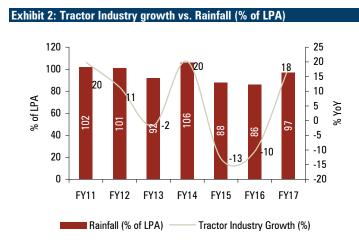
Normal monsoons are significant, more so domestically, as $\sim\!55\%$ of the Indian population is still dependent on agriculture for livelihood amid $\sim\!45\%$ irrigation penetration pan India.

IMD predicts normal monsoon at 98% of LPA

The Indian Meteorological Department (IMD) has upgraded its rainfall forecast for the upcoming monsoon season 2017 to 98% of LPA vs. the earlier forecast of 96% of LPA. Moreover, the geographical distribution is expected to be spatially well distributed with rainfall at 96% of LPA over North West India, 100% of LPA over Central India, 99% of LPA over South Peninsula and 96% of LPA over North East India. IMD has further provided monthly rainfall forecast over the country at 96% of LPA in July & 99% of LPA in August. This is likely to result in robust farm production and consequent increase in farm income, boosting rural demand, thereby benefiting all farm mechanisation companies including SEL.

Exhibi	Exhibit 1: Trend in Rainfall (%) of LPA, tractor industry and SEL sales						
		Domestic		Engine Sales			
		Tractor Sales	Tractor Industry	Volume at	YoY		
Fiscal	Rainfall (% of	Volume	Growth	Swaraj	Growth		
Year	LPA)	(Units)	(%)	(Units)	(%)		
FY07	100	313941	19	17702			
FY08	106	302948	-4	16408	-7		
FY09	98	304622	1	28539	74		
FY10	78	402586	32	39143	37		
FY11	102	482286	20	47413	21		
FY12	101	536891	11	55239	17		
FY13	92	527768	-2	57377	4		
FY14	106	634151	20	74062	29		
FY15	88	551463	-13	64595	-13		
FY16	86	493764	-10	64088	-1		
FY17	97	582844	18	82297	28		

Source: IMD, Company, ICICIdirect.com Research



Source: IMD, ICICIdirect.com Research

The tractor industry has portrayed a strong positive correlation to the rainfall occurrence in the monsoon season. During normal and above normal monsoon years of FY11, FY14 and FY17 tractor sales witnessed robust sales volume growth of 20%, 20% and 18% respectively. SEL outperformed the overall industry in each of the above years while it de grew at a lower rate than the industry during deficient monsoon years of FY15 and FY16.

Key states	Tractor sales	% Share in total Swaraj Market		Outlook
	(FY17)	tractor sales	Share(%)	
Uttar Pradesh	85,588	15	~16-18	Positive; loan waiver to benefit
Andhra Pradesh	65,840	11	~14-16	Positive; cotton acreages to aid growth
Madhya Pradesh	62,847	11	~13-15	Positive; low tractor penetration to aid growth
Maharashtra	52,414	9	~10-12	Positive; lower penetration to aid growth, loan waiver to benefit
Punjab	16,760	3	~8-10	Muted; Mature market, only replacement demand exists
Total Industry	582,844			

Source: Crisil, Company, ICICIdirect.com Research

Swaraj Tractors is a prominent brand in key tractor markets across India and is on a firm footing. It is particularly strong in UP which is the largest tractor market domestically with % share in overall domestic sales at \sim 15% (Swaraj market share \sim 16-18%), followed by Andhra Pradesh (Swaraj market share at \sim 14-16%), Madhya Pradesh (Swaraj market share \sim 13-15%) and Maharashtra (Swaraj market share at \sim 10-12%).



Financial summary

Profit and loss statement			₹	Crore
(Year-end March)	FY16	FY17	FY18E	FY19E
Net Sales	525.9	666.1	791.4	911.0
Other Operating Income	0.0	0.0	0.0	0.0
Total Operating Income	525.9	666.1	791.4	911.0
Growth (%)	-2.6	26.7	18.8	15.1
Raw Material Expenses	395.7	495.6	589.6	678.7
Employee Expenses	31.9	31.0	35.6	41.0
Other Operating Expense	24.7	35.0	39.6	43.7
Total Operating Expenditure	452.3	561.6	664.8	763.4
EBITDA	73.6	104.6	126.6	147.6
Growth (%)	-1.5	42.2	21.1	16.6
Depreciation	13.8	16.3	16.9	20.1
Interest	0.0	0.1	0.0	0.0
Other Income	16.3	17.2	18.2	19.2
PBT	76.0	105.4	128.0	146.7
Exceptional Item	0.0	0.0	0.0	0.0
Total Tax	24.9	36.5	42.2	47.1
PAT	51.2	68.9	85.7	99.6
Growth (%)	-1.2	34.6	24.5	16.2
EPS (₹)	41.2	55.4	69.0	80.2

Source: Company, ICICIdirect.com Research

Cash flow statement				₹ Crore
(Year-end March)	FY16	FY17	FY18E	FY19E
Profit after Tax	51.2	68.9	85.7	99.6
Add: Depreciation	13.8	16.3	16.9	20.1
(Inc)/dec in Current Assets	16.6	-2.9	-11.1	-7.9
Inc/(dec) in CL and Provisions	-41.4	16.9	11.1	14.2
Others	0.0	0.1	0.0	0.0
CF from operating activities	40.2	99.3	102.6	126.0
(Inc)/dec in Investments	31.6	-38.5	20.0	-30.0
(Inc)/dec in Fixed Assets	-27.2	-6.4	-50.0	-5.0
Others	-2.9	-1.0	0.0	0.0
CF from investing activities	1.6	-45.9	-30.0	-35.0
Issue/(Buy back) of Equity	0.0	0.0	0.0	0.0
Inc/(dec) in loan funds	0.0	0.0	0.0	0.0
Dividend paid & dividend tax	-49.3	-64.1	-67.1	-82.0
Inc/(dec) in Share Cap	0.1	0.0	0.0	0.0
Others	49.4	15.0	0.0	0.0
CF from financing activities	0.2	-49.0	-67.1	-82.0
Net Cash flow	42.0	4.3	5.6	9.0
Opening Cash	139.9	181.8	186.2	191.7
Closing Cash	181.8	186.2	191.7	200.7

Source: Company, ICICIdirect.com Research

Balance sheet			₹	Crore
(Year-end March)	FY16	FY17	FY18E	FY19E
Liabilities				
Equity Capital	12.4	12.4	12.4	12.4
Reserve and Surplus	251.1	271.0	289.6	307.3
Total Shareholders funds	263.5	283.4	302.0	319.7
Total Debt	0.0	0.0	0.0	0.0
Deferred Tax Liability	7.6	6.3	6.3	6.3
Minority Interest / Others	0.0	0.0	0.0	0.0
Total Liabilities	271.1	289.7	308.3	325.9
Assets				
Gross Block	193.5	183.1	233.9	238.9
Less: Acc Depreciation	91.8	91.8	108.7	128.8
Net Block	101.7	91.3	125.2	110.1
Capital WIP	0.3	0.8	0.0	0.0
Total Fixed Assets	102.0	92.1	125.2	110.1
Investments	10.4	48.9	28.9	58.9
Inventory	27.8	26.1	39.0	44.9
Debtors	7.5	13.1	10.8	12.5
Loans and Advances	0.0	0.0	0.0	0.0
Other Current Assets	3.0	2.0	2.4	2.7
Cash	181.8	186.2	191.7	200.7
Total Current Assets	220.0	227.3	244.0	260.9
Current Liabilities	60.9	77.4	86.7	99.8
Provisions	4.7	5.2	6.9	8.0
Current Liabilities & Prov	65.6	82.5	93.7	107.8
Net Current Assets	154.5	144.8	150.3	153.0
Others Assets	4.2	3.8	3.8	3.8
Application of Funds	271.1	289.7	308.3	325.9

Source: Company, ICICIdirect.com Research

Key ratios				
(Year-end March)	FY16	FY17	FY18E	FY19E
Per share data (₹)				
EPS	41.2	55.4	69.0	80.2
Cash EPS	52.3	68.6	82.6	96.4
BV	212.1	228.2	243.2	257.4
DPS	33.0	43.0	45.0	55.0
Cash Per Share (Incl Invst)	154.8	189.3	177.7	209.0
Operating Ratios (%)				
EBITDA Margin	14.0	15.7	16.0	16.2
PAT Margin	9.7	10.3	10.8	10.9
Inventory days	19.3	14.3	18.0	18.0
Debtor days	5.2	7.2	5.0	5.0
Creditor days	42.3	42.4	40.0	40.0
Return Ratios (%)				
RoE	19.4	24.3	28.4	31.2
RoCE	22.7	31.2	36.3	39.9
RoIC	103.2	216.3	155.6	245.8
Valuation Ratios (x)				
P/E	55.8	41.5	33.3	28.7
EV / EBITDA	36.2	25.1	20.8	17.6
EV / Net Sales	5.1	3.9	3.3	2.9
Market Cap / Sales	5.4	4.3	3.6	3.1
Price to Book Value	10.8	10.1	9.5	8.9
Solvency Ratios				
Debt/EBITDA	0.0	0.0	0.0	0.0
Debt / Equity	0.0	0.0	0.0	0.0
Current Ratio	0.6	0.5	0.6	0.6
Quick Ratio	0.2	0.2	0.1	0.1

Source: Company, ICICIdirect.com Research



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