Systematix

Institutional Equities

Dixon Technologies

25 July 2023

Customer and product addition to drive robust growth

DIXON's in line 1QFY24 revenue was mainly driven by the Mobile & EMS segment (Rs 17.95bn, up 38% YoY and 27% QoQ), while EBITDA/PAT came below estimates (by 14%/7%) on below expected EBITDA margin (4% vs. 4.7% estimated) in all segments. Management attributes the low margins to soft volumes in most key core segments. However, balance sheet remained healthy with gross debt/equity at 0.14x and net working capital (NWC) at negative 6 days. Despite the soft demand, management bases its optimistic growth outlook on its robust order book position in all divisions. Customer additions (India and overseas), healthy traction in existing segments (washing machines, smartphones, lighting) and fast ramp up in new segments (telecom hardware, laptops, refrigerators) are slated to drive growth. DIXON has also identified white spaces in its businesses that it intends to scale. We retain our estimates post broadly in line 1Q result and estimate 23%/27%/39% CAGR in revenue/EBITDA/PAT over FY23-25E (FY20-23: 40%/32%/ 28%), with 300-500bps expansion in its RoE/RoCE/RoIC to ~23%/32%/36% in FY25E. High asset-turnover (~8x) and low NWC days (7) could drive healthy return ratios, despite low margins. DIXON's scrip has been volatile over last 2 years due to lacklustre performance, mainly in the Mobile segment. Demand recovery and new customer onboarding should accelerate growth momentum; BUY with a TP of Rs 4,966 (60x FY25E EPS of Rs 83).

Marginal 1Q PAT miss on lower-than-expected margins in all divisions: Consolidated revenue/EBITDA/PAT grew 15%/32%/48% YoY, respectively. While revenue was in line, mainly driven by the Mobile & EMS segment (Rs 17.95bn, up 38% YoY and 27% QoQ), EBITDA/PAT fell short of estimates (by 14%/7%) on below expected EBITDA margins (4% vs. 4.7% estimated) in all segments. Management attributes the low margin to soft volumes in most key core segments. However, the company maintained a healthy balance sheet, recording gross debt/equity of 0.14x, gross debt/EBITDA of 0.35x and negative NWC of 6 days.

Guidance and growth drivers: Despite the soft demand, management bases its optimistic growth outlook on its strong order book position in all divisions. Customer addition (India and overseas), healthy traction in existing segments (washing machines, mobile phones, lighting) and fast ramp up in new segments (telecom hardware, laptops, refrigerators) will drive growth. DIXON has also identified white spaces in its business, such as downlights, ceiling lights, ropes, strips and smart products in the consumer lighting segment, areas that are witnessing high demand vs the soft demand in its existing products (facing severe price corrections too). It has also hired a senior R&D personnel from Philips to drive its Professional lighting vertical (~40% of the lighting industry), which has been untapped so far; the product launch is expected by 4QFY24. Export is another big opportunity. A superior product mix, operating leverage benefits, cost optimisation and price hikes in ODM should drive overall EBITDA margin to ~4.5%. DIXON plans to incur a capex of ~Rs 4.2bn, largely in the refrigeration and mobile segments. (concall KTAs)

Robust financial outlook; maintain BUY with Rs 4,966 TP: We retain our estimates post broadly in line 1Q result and estimate 23%/27%/39% CAGR in revenue/EBITDA/PAT over FY23-25E with 300-500bps expansion in its RoE/RoCE/RoIC to ~23%/32%/36% in FY25E. New customer addition, healthy traction in existing segments and fast ramp up in new segments (telecom hardware, laptops, refrigerators) would drive this growth. Maintain BUY with a TP of Rs 4,966. **Key risk:** 1. Demand slowdown in key user segments (mobile, lighting etc.), 2. Loss in key customer's market share.

RESULT UPDATE				
Sector: EMS	Rating: BUY			
CMP: Rs 4,113	Target Price: 4,966			
Stock Info				

Stock Info	
Sensex/Nifty	66,356/19,681
Bloomberg	DIXON IN
Equity shares (mn)	59.6
52-wk High/Low	4,655/2,642
Face value	Rs 2
M-Cap	Rs 245bn/ USD 3.0bn
3-m Avg volume	USD 2.9mn

Financial Snapsh	ot (Rs mn)		
Y/E Mar	FY23	FY24E	FY25E
Net sales	1,21,920	1,52,667	1,85,858
EBITDA	5,127	6,680	8,300
OPM %	4.2	4.4	4.5
PAT (adj.)	2,551	3,850	4,928
EPS (Rs)	42.8	64.6	82.8
PE (x)	96.0	63.6	49.7
P/B (x)	19.1	14.8	11.5
EV/EBITDA (x)	47.6	36.3	28.8
RoE (%)	19.9	23.2	23.1
RoCE (%)	27.2	31.9	32.2
Net-D/E (x)	(0.0)	(0.0)	(0.0)

Shareholding Pattern (%)

	Jun'23	Mar'23	Dec'22
Promoter	34.0	34.3	34.1
- Pledged			
FII	15.0	16.3	16.7
DII	24.6	18.6	18.9
Others	26.4	30.9	30.4

Stock Performance (1-year)



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Systematix Research is also available on Bloomberg SSSL <Go>, Thomson & Reuters

1QFY24 concall key highlights and outlook

1QFY24 performance

- Revenue/EBITDA/PAT up 15%/32%/48% YoY
- Revenue in line; EBITDA/PAT 14%/7% below estimate due to lower-thanexpected margins in all segments
- Mobile & EMS segment revenue saw strong revival (up 38% YoY, 27% QoQ)
- Low margin was due to soft volumes in most key core segments
- 1Q volume YoY: TV 0.71mn vs. 0.74mn; Semi auto WM 0.39mn, up 10%; Fully auto WM - small decline; Smartphones ex-Samsung - 3.4mn; Samsung - 2mn, same LY; CCTV/DVR - 9mn
- Healthy balance sheet status maintained: Gross debt/equity 0.14x, Gross debt/ EBITDA - 0.35x; NWC - negative 6 days

Demand trend and outlook

- End demand in general was soft in most of segments except Hearables
- Demand outlook for DIXON is strong, aided by new customer acquisition and entry into newer domains
- Everything falls under PLI, excluding Samsung's smartphone business
- Direct exports will also be a huge growth driver; eying Europe, Latam, etc

Capex

- 1Q at Rs 1.1bn; plans Rs 4.2bn for FY24
- Majorly on mobile, Refrigerators, Semi-auto WMs; PLI based (IT hardware, telecom equipment, etc.)

Mobile & EMS division - key growth division

- Revenue Rs 17.95bn, up 38% YoY and 27% QoQ
- EBITDA margin 2.9%, up 40bps YoY, down 120bps QoQ
- EMS revenue: Hearables & Wearables Rs 1.9bn, Set top box Rs 310mn, Telecom Rs 1.02bn, IT Hardware Rs 860mn
- Mobile order book is quite strong in India and exports is driven by new customers
- Increased capacity in Noida to be operational from mid-Aug 2023
- **Xiaomi:** new capacity to be operational by mid-Sep'23; 0.5mn a month plan will gradually scale up to 1mn in a year
- Google Pixel tie up is a large opportunity
- Motorola sales were flat at 1mn in 1Q; aims to reach 1.4mn rate ahead
- Nokia volumes at 1mn units is expected to rise to 1.5mn in FY24
- Added Itel as new customer India's 5th largest smartphone seller
- Sees Jio Bharat phone as a Rs 15bn+ opportunity
- Supply for large 2mn export orders will start from 3Q
- Hearables: strong order book; aims 50% growth in FY24 with healthy margins

Lighting Products – focus on untapped indoor and outdoor products

- Revenue down 4% YoY and 18% QoQ
- EBITDA margin at 8.7%, up 150bps YoY, down 100bps QoQ
- ODM mix 90%, same LY



- Demand under pressure in consumer lighting, especially bulbs and battens
- Sharp price correction perhaps led to channels retaining low inventory, in anticipation of prices reducing further
- Technology is shifting from driver-based products to DoB-based, which is 25-30% cheaper
- DIXON has many white spaces in its consumer LED portfolio, such as downlights, ceiling lights, ropes, strips and smart products, which are witnessing high demand
- DIXON expects to achieve ~Rs 900mn revenue from such new products
- Demand for professional lighting is strong, although DIXON is not present here
- DIXON has hired a senior R&D person from Philips to drive the Professional lighting vertical; product launch expected by 4QFY24
- Professional lighting segment comprises ~40% of the total lighting industry
- DIXON also sees over Rs 1bn revenue opportunity from exports to the US, Europe and UAE markets
- New plant in Dehradun started in May'23 and is expected to drive growth

Home Appliances – strong order book

- Revenue up 1% YoY, down 8% QoQ
- EBITDA margin at 11%, was up 190bps YoY, same QoQ
- ODM mix 100%, same LY
- Refrigerators is a focus category; 1.2mn units capacity for products in 190-335liter range is expected to be operational in Oct'23
- Washing machines: added Voltas Beko as a new customer for fully auto top load to start with; supply likely in 3Q to Llyod, Panasonic
- Investing in R&D for all product verticals
- Order book from big brands is quite strong for many categories

Consumer Electronics – soft demand but market share intact in TV

- Revenue down 5% YoY and 10% QoQ
- EBITDA margin 3.4%, up 100bps YoY, down 30bps QoQ
- ODM mix 29% vs. 7% LY; should improve to 40% by FY24 end
- LED TV demand is guite subdued, but DIXON has not lost market share
- TV volumes 3.4mn in FY23; 0.7mn in 1Q demand in 2Q/3Q is critical to achieve 3.7mn in FY24
- Supplying monitors to Dell to meet its government orders (small opportunity)

Security Systems - small but emerging division

- Revenue down 13% YoY and 8% QoQ
- EBITDA margin 1.3%, down 270bps YoY and 160bps QoQ
- Healthy order book for Andriod Set top boxes
- Jio order to be supplied from 4Q
- Met capex and revenue criteria of PLI scheme
- Healthy demand for CCTV, DVRs

Exhibit 1: Dixon (Consolidated) - Quarterly results

(Rs mn)	1QFY23	2QFY23	3QFY23	4QFY23	1QFY24	YoY (%)	QoQ (%)
Total Income	28,551	38,668	24,047	30,655	32,715	15	7
Raw material costs	25,953	35,346	21,391	27,519	29,558	14	7
Employee costs	547	702	637	630	685	25	9
Other expenses	1,050	1,168	908	943	1,154	10	22
EBITDA	1,001	1,452	1,112	1,563	1,319	32	(16)
Depreciation	241	291	290	325	337	40	4
Finance costs	144	158	152	151	140	(3)	(8)
Other income	4	6	28	18	29	579	57
РВТ	621	1,008	698	1,105	870	40	(21)
Тах	165	231	186	315	229	38	(27)
PAT	454	771	519	806	672	48	(17)
EPS (Rs)	7.7	13.0	8.7	13.5	11.3	47	(17)
As % Total Income						YoY (bps)	QoQ (bps)
Gross margin	9.1	8.6	11.0	10.2	9.7	55	(58)
Employee costs	1.9	1.8	2.6	2.1	2.1	18	4
Other expenses	3.7	3.0	3.8	3.1	3.5	(15)	45
EBITDA margin	3.5	3.8	4.6	5.1	4.0	52	(107)
Depreciation	0.8	0.8	1.2	1.1	1.0	19	(3)
EBIT margin	2.7	3.0	3.4	4.0	3.0	34	(104)
Finance costs	0.5	0.4	0.6	0.5	0.4	(8)	(7)
Other income	0.0	0.0	0.1	0.1	0.1	7	3
РВТ	2.2	2.6	2.9	3.6	2.7	49	(95)
Effective tax rate	26.7	22.9	26.6	28.5	26.3	(39)	(222)
PAT	1.6	2.0	2.1	2.6	2.0	37	(62)
Segment Revenues						YoY (%)	QoQ (%)
Consumer Electronics	9,322	15,007	8,640	9,810	8,820	(5)	(10)
Lighting	2,312	2,904	2,630	2,700	2,220	(4)	(18)
Home Appliances	2,556	3,629	2,440	2,810	2,590	1	(8)
Mobile & EMS	13,049	15,944	9,150	14,100	17,950	38	27
Security Systems	1,311	1,183	1,184	1,240	1,140	(13)	(8)
Segment EBITDA (%)						YoY (bps)	QoQ (bps)
Consumer Electronics	2.7	2.9	3.0	3.8	3.4	74	(37)
Lighting	7.2	8.2	9.1	9.6	8.6	134	(107)
Home Appliances	8.1	9.0	10.2	11.0	10.8	273	(22)
Mobile & EMS	2.5	2.7	3.6	4.2	3.0	44	(123)
Security Systems	4.0	3.0	2.0	2.9	1.3	(264)	(159)
Blended	3.5	3.8	4.6	5.1	4.0	5.5	5.3
ODM share (%)							
Consumer Electronics	7	25	22	38	29		
Lighting Products	90	93	89	88	90		
Working capital (days)							
Inventory	44	27	38	27	32		
Debtors	45	45	52	48	44		
Creditors	92	72	89	77	81		
Cash conversion cycle	(3)	-	1	(2)	(6)		

Quarterly performance

Exhibit 2: Total Income growth trend

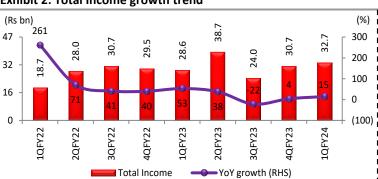


Exhibit 3: Revenue mix trend

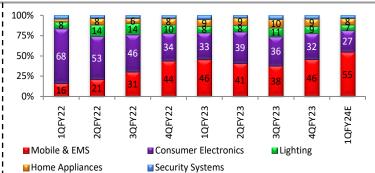


Exhibit 4: Cost structure and margin trend

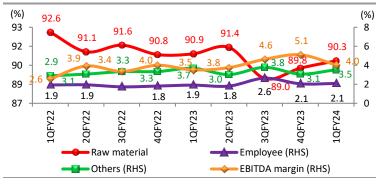


Exhibit 5: Mobile & EMS - Revenue, margin trend

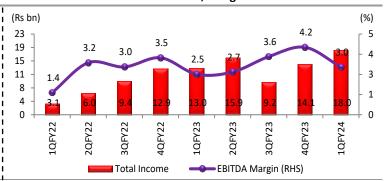


Exhibit 6: Consumer Electronics - Revenue, margin trend

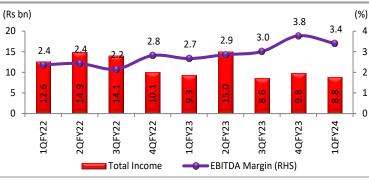


Exhibit 7: Home Appliances - Revenue, margin trend

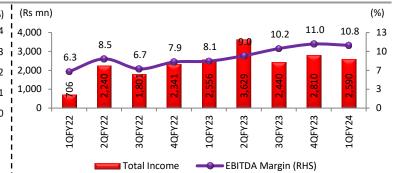


Exhibit 8: Lighting - Revenue, margin trend

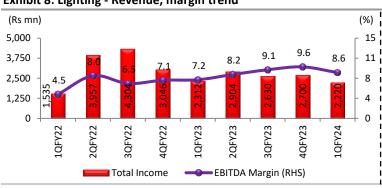
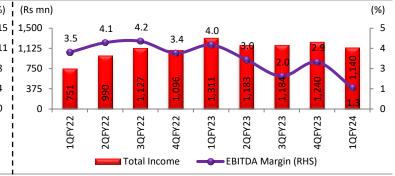


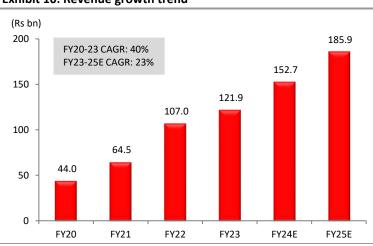
Exhibit 9: Security Systems - Revenue, margin trend



Annual Performance

Exhibit 10: Revenue growth trend

Exhibit 11: Gross, EBITDA and PAT margin trend



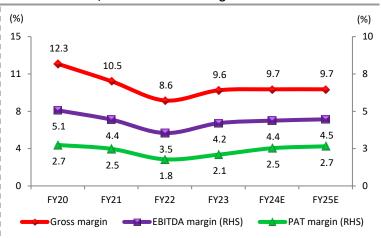


Exhibit 12: PAT growth trend

(Rs bn) (%) 6.0 FY20-23 CAGR: 29% 4 FY23-25E CAGR: 39% 4.5 3 2.5 2.5 2.1 1.8 3.0 2 1.5 1 0.0 0 FY20 FY24E FY25E FY21 FY22 FY23 PAT margin (RHS) PAT

Exhibit 13: NWC cycle trend

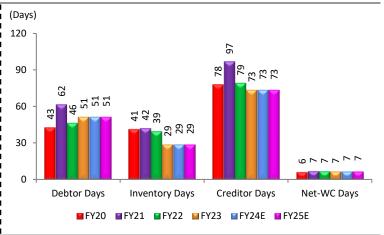


Exhibit 14: RoIC, RoE trend

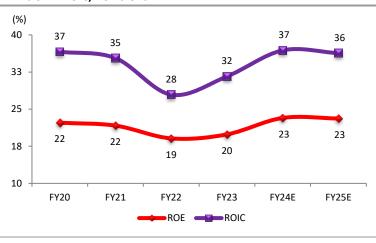
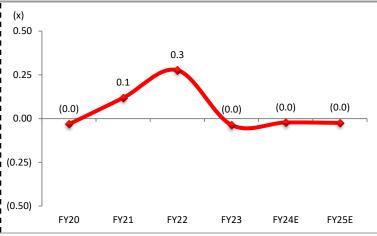


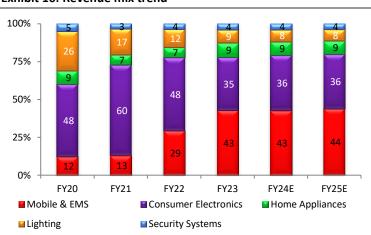
Exhibit 15: Net debt/equity trend



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Exhibit 16: Revenue mix trend

Exhibit 17: Consumer Electronics - Revenue, margin trend



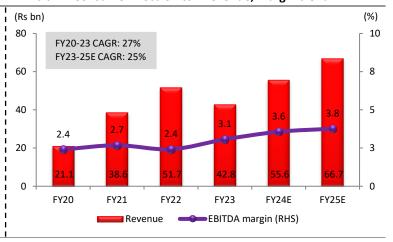
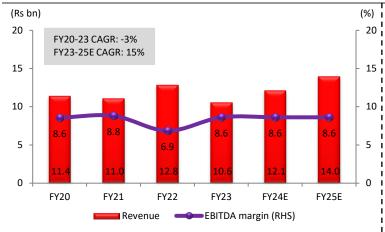


Exhibit 18: Lighting - Revenue, margin trend

Exhibit 19: Home Appliances - Revenue, margin trend



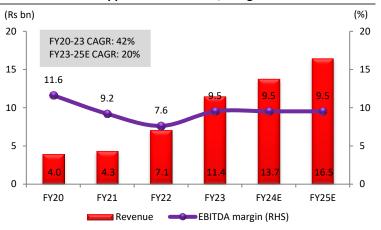
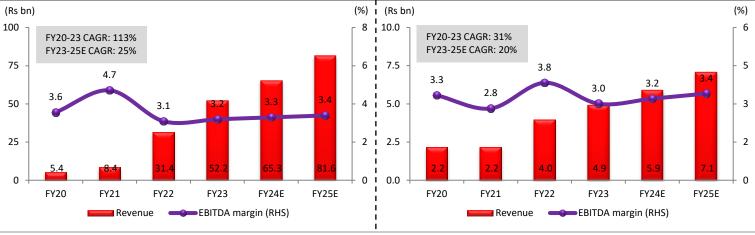


Exhibit 20: Mobile & EMS - Revenue, margin trend

Exhibit 21: Security System - Revenue, margin trend



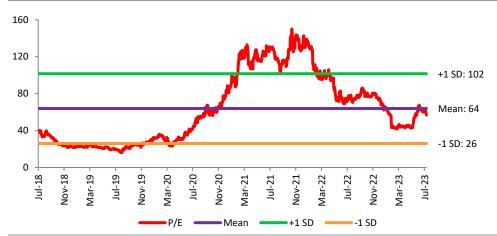
Valuation and View

DIXON is India's largest home-grown diversified and fully-integrated EMS player. The company commenced operations in 1993 with colour TVs, and now has a wide range of product offerings in several verticals such as consumer electronics (mobile phones, CCTV, etc.), lighting products and home appliances (LED TV, washing machine, refrigeration, etc). It is also a leading ODM of lighting products, LED TVs and semi-automatic washing machines in India. Motorola, Xiaomi and Samsung are its largest customers.

We retain our estimates post broadly in line 1Q result. Post 40%/32%/28% CAGR in revenue/EBITDA/PAT over FY20-23, we estimate 23%/27%/39% CAGR over FY23-25E with 300-500bps expansion in its RoE/RoCE/RoIC to ~23%/32%/36% in FY25E. New customer addition and healthy traction in existing segments (washing machines, mobile phones, lighting) and fast ramp up in new segments (telecom hardware, laptops, refrigerators) will likely drive this growth. High asset turnover (~8x) and low NWC days (7) are key drivers for healthy return ratios, despite its low margins.

DIXON's scrip has been volatile in last 2 years due to lacklustre performance vs estimates, especially in the Mobile segment. We expect growth momentum to accelerate on demand recovery and new customer onboarding. Thus, we maintain our BUY rating on DIXON, with a target price of Rs 4,966, based on 60x FY25E EPS of Rs 83.

Exhibit 22: P/E band - 1-year-forward and standard deviation



Source: BSE, Company, Systematix Institutional Research

Key Risks

- Demand slowdown in key user segments (mobile, lighting, etc.)
- Loss in key customer's market share

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FINANCIALS (CONSOLIDATED)

Profit & Loss Statement

YE: Mar (Rs mn)	FY21	FY22	FY23	FY24E	FY25E
Net revenues (Rs mn)	64,482	1,06,971	1,21,920	1,52,667	1,85,858
Growth (%)	47	66	14	25	22
Direct costs	57,697	97,792	1,10,208	1,37,847	1,67,817
Gross Margin (%)	10.5	8.6	9.6	9.7	9.7
SG&A	3,919	5,387	6,585	8,139	9,741
EBITDA	2,866	3,791	5,127	6,680	8,300
EBITDA margins (%)	4.4	3.5	4.2	4.4	4.5
- Depreciation	437	840	1,146	1,396	1,668
Other income	16	38	56	76	186
Interest Exp	274	442	606	193	203
PBT	2,170	2,548	3,432	5,167	6,615
Effective tax rate (%)	26.4	25.3	26.1	25.5	25.5
+ Associates/(Minorities) 1	2	3	3	3
Net Income	1,598	1,903	2,551	3,850	4,928
Adjusted income	1,598	1,903	2,551	3,850	4,928
WANS	59	59	60	60	60
FDEPS (Rs/share)	27.3	32.1	42.8	64.6	82.8
FDEPS growth (%)	31	17	34	51	28

Source: Company, Systematix Institutional Research

Balance Sheet

YE: Mar (Rs mn)	FY21	FY22	FY23	FY24E	FY25E
Share capital	117	119	119	119	119
Net worth	7,373	9,968	12,849	16,580	21,329
Total debt	1,561	4,580	1,826	1,926	2,026
Minority interest	-	6	(3)	(3)	(3)
DT Liability/(Asset)	184	201	224	251	278
Capital Employed	9,118	14,754	14,897	18,754	23,631
Net tangible assets	5,381	9,542	11,909	14,513	15,845
Net Intangible assets	122	494	528	528	528
Goodwill	-	-	-	-	-
CWIP	724	220	1,197	1,207	1,217
Investments (Strategic)	-	-	-	-	-
Investments (Financial)	953	1,410	442	1,942	5,442
Current Assets	20,589	29,282	30,428	37,359	44,827
Cash	689	1,823	2,292	2,297	2,548
Current Liabilities	19,339	28,017	31,898	39,091	46,776
Working capital	1,250	1,265	(1,470)	(1,732)	(1,949)
Capital Deployed	9,118	14,754	14,897	18,754	23,631
Contingent Liabilities	23	103	-		

Source: Company, Systematix Institutional Research

Cash Flow

YE: Mar (Rs mn)	FY21	FY22	FY23	FY24E	FY25E
EBIT (incl. other income)	2,556	3,069	4,167	5,284	6,632
Non-cash items	437	840	1,146	1,396	1,668
OCF before WC changes	2,993	3,909	5,314	6,680	8,300
Incr./(decr.) in WC	743	641	(2,764)	(242)	(197)
Others including taxes	549	540	820	1,271	1,640
Operating cash-flow	1,701	2,728	7,258	5,651	6,857
Capex	1,680	4,174	4,502	4,010	3,010
Free cash-flow	22	(1,446)	2,755	1,641	3,847
Acquisitions					
Dividend	-	59	119	119	179
Equity raised	269	642	336	-	-
Debt raised	688	3,026	(2,776)	100	100
Fin Investments	983	483	(926)	1,500	3,500
Misc. Items (CFI + CFF)	314	554	717	116	17
Net cash-flow	(318)	1,126	406	5	251

Source: Company, Systematix Institutional Research

Ratios @ Rs 4,113

YE: Mar	FY21	FY22	FY23	FY24E	FY25E
P/E (x)	150.7	128.3	96.0	63.6	49.7
EV/EBITDA (x)	84.0	64.8	47.6	36.3	28.8
EV/sales (x)	3.7	2.3	2.0	1.6	1.3
P/B (x)	32.7	24.5	19.1	14.8	11.5
RoE (%)	21.7	19.1	19.9	23.2	23.1
RoCE (%)	31.5	25.0	27.2	31.9	32.2
ROIC	35.3	27.9	31.6	36.9	36.3
DPS (Rs per share)	1.0	2.0	-	2.0	3.0
Dividend yield (%)	0.0	0.0	-	0.0	0.1
Dividend payout (%)	3.7	6.2	-	3.1	3.6
Net debt/equity (x)	0.1	0.3	(0.0)	(0.0)	(0.0)
Receivables (days)	62	46	51	51	51
Inventory (days)	42	39	29	29	29
Payables (days)	97	79	73	73	73
CFO:PAT%	106	143	285	147	139

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