

# **ABB**

Buy

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<b>( )</b>

Bloomberg	ABB IN
Equity Shares (m)	212
M.Cap.(INRb)/(USDb)	189.3 / 2.5
52-Week Range (INR)	1412 / 722
1, 6, 12 Rel. Per (%)	-3/-29/-34
12M Avg Val (INR M)	143

#### Financials & Valuations (INR b)

Y/E Dec	2019	2020E	2021E
Sales	73.2	60.2	78.4
EBITDA	5.3	2.7	6.1
PAT	3.5	2.1	4.6
EBITDA (%)	7.3	4.5	7.7
EPS (INR)	16.6	9.7	21.6
EPS Gr. (%)	38.1	(41.3)	121.7
BV/Sh. (INR)	166.1	175.4	191.7
Ratios			
Net D/E	(0.5)	(0.4)	(0.6)
RoE (%)	10.0	5.5	11.2
RoCE (%)	10.7	6.0	11.8
Payout (%)	29.1	20.0	20.0
Valuations			
P/E (x)	53.9	91.9	41.4
P/BV (x)	5.4	5.1	4.7
EV/EBITDA (x)	32.6	64.6	27.0
Div Yield (%)	0.5	0.2	0.5
FCF Yield (%)	3.0	0.3	5.5

## Shareholding pattern (%)

As On	Sep-20	Jun-20	Sep-19
Promoter	75.0	75.0	75.0
DII	6.3	11.1	12.2
FII	3.5	3.8	3.4
Others	15.2	10.2	9.4

FII Includes depository receipts

CMP: INR893 TP: INR1,030 (+15%)

# Strong operating performance; weak order inflow

# Margin surprise leads to earnings beat; gradual recovery underway

- ABB's 3QCY20 revenue growth decline was limited to 8% (v/s est. 14% decline). The company demonstrated strong cost-control measures, leading to flat EBITDA YoY (almost double our est.) a commendable effort, implying higher resilience to revenue decline.
- The company has suggested that ~85% of the previous year's demand is back in the system. However, order inflow declined 19% YoY, largely attributable to the Electrification and Industrial Automation segments.
- ABB is a pure-play on longer-term industrial automation and the 'Make-in-India' theme. We have largely maintained our CY21E/CY22E estimates. While decline in order inflow remains a concern, we expect quick recovery in short-cycle businesses. We maintain our **Buy** rating, with unchanged TP of INR1,030.

# Margins surprise on cost rationalization; order inflow remains weak

- Revenue declined 7.6% YoY to INR16b and was 8% above our expectation. EBITDA was down 1.6% YoY to INR1.2b and was almost double our expectation. While the gross margin declined 110bps YoY to 32%, the EBITDA margin came in at 7.5% (+40bp YoY) v/s our expectation of 4.2%. The surprise was largely on account of lower other expenses. On account of a higher EBITDA margin, adj. PAT grew 8.5% YoY to INR855m and was >100% above our expectation of INR423m.
- Order inflows declined 19% YoY to INR13b. The order book stood at INR44b.
- Segmental highlights: (a) Robotics and Motion revenue was flat YoY at INR6.7b, with the EBIT margin at 11% (+210bp YoY). (b) Electrification product revenue was down 16% YoY to INR5.9b, with the EBIT margin at 14.5% (+580bp YoY). (c) Industrial Automation revenue declined 9% YoY to INR3.7b, with the EBIT margin at 2.8% (-330bp YoY).

# Key highlights from management commentary

- Data Centers, Pharma, and Warehouse Logistics are some of the sectors that reported strong growth.
- In the Motion business, continuous engagement via the digital medium aided order wins and led to revenue growth. Such trends strongly indicate clients have experienced the benefits of digitalization from close quarters, with ABB using automation (such as remote monitoring) to service clients at lower costs.
- Pricing action, coupled with favorable forex gains and cost rationalization, led to margin expansion in the Electrification segment. Better volume mix and cost rationalization led to margin expansion in the Robotics and Motion segment.

# Valuation and view

■ We maintain our **Buy** rating, with TP of INR1,030 based on an unchanged Mar'22E target PE multiple of 45x (at par with our target multiple for pure automation businesses and as justified by DCF, as well as a min ~1-year forward PE multiple for ABB over the past 10 years).

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Quarterly Performance (INR m)

Y/E December		С	<b>'19</b>			CY	20E		CY19	CY20E	MOSL	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)
Sales	18,503	17,258	17,456	19,533	15,222	9,858	16,122	18,948	73,151	60,150	15,000	7.5
Change (%)	18.1	3.6	17.0	-0.7	-17.7	-42.9	-7.6	-3.0	9.3	-17.8	-14.1	
EBITDA	1,455	1,239	1,234	1,384	145	234	1,214	1,085	5,312	2,678	625	94.2
Change (%)	62.6	41.5	88.7	-35.8	-90.0	-81.1	-1.6	-21.6	16.0	-49.6	-49.3	
As % of Sales	7.9	7.2	7.1	7.1	1.0	2.4	7.5	5.7	7.3	4.5	4.2	
Depreciation	233	220	227	224	271	249	247	258	904	1,025	260	
Interest	26	96	44	47	34	38	28	31	214	130	50	
Other Income	191	204	164	384	458	266	201	305	943	1,230	250	
Extra-ordinary Income	272	-	-	(748)	429	10	(48)	-	(476)	392	-	
PBT (Before Exceptional)	1,387	1,127	1,127	1,497	298	214	1,140	1,101	5,137	2,753	565	101.7
Tax	497	429	339	362	81	62	285	266	1,627	693	142	
Effective Tax Rate (%)	35.8	38.1	30.1	24.2	27.2	28.8	25.0	24.1	31.7	25.2	25.2	
Reported PAT	1,162	697	788	387	646	163	807	836	3,034	2,452	423	91.0
Adj. PAT	890	697	788	1,135	217	153	855	836	3,510	2,060	423	102.3
Change (%)	95.2	58.9	118.6	-11.8	-75.6	-78.1	8.5	-26.3	38.1	-41.3	-46.4	

Exhibit 1: Segmental breakup (INR m)

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Segmental Analysis	4QCY18	1QCY19	2QCY19	3QCY19	4QCY19	1QCY20	2QCY20	3QCY20
Discrete Automation/Robotics & Motion								
Revenue	6,981	7,996	6,699	6,661	7,500	6,099	4,178	6,741
Growth YoY (%)	31.3	34.0	8.9	12.5	7.4	-23.7	-37.6	1.2
EBIT	749	793	557	595	711	169	330	738
EBIT Margin (%)	10.7	9.9	8.3	8.9	9.5	2.8	7.9	11.0
<b>Electrification Products</b>								
Revenue	7,480	7,307	7,344	7,094	8,331	6,229	3,578	5,945
Growth YoY (%)	18.1	12.2	13.7	24.2	11.4	-14.8	-51.3	-16.2
EBIT	756	641	713	619	998	397	173	864
EBIT Margin (%)	10.1	8.8	9.7	8.7	12.0	6.4	4.8	14.5
Process/Industrial Automation								
Revenue	5,155	3,614	3,783	4,045	4,140	2,935	2,373	3,675
Growth YoY (%)	10.0	19.5	0.4	17.1	-19.7	-18.8	-37.3	-9.2
EBIT	725	365	339	247	10	28	1	102
EBIT Margin (%)	14.1	10.1	9.0	6.1	0.2	1.0	0.0	2.8

Source: MOFSL, Company

Exhibit 2: We value ABB at INR1,030/share

Valuation	Basis	PE Multiple	Mar'22 EPS	Value/ share
Continued business	Mar'22E	45.0	22.9	1,030
Total		45.0	22.9	1,030

Source: MOFSL, Company

# **Story in charts**

Exhibit 3: Revenue breakup (CY19)

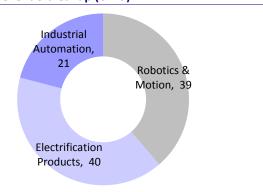
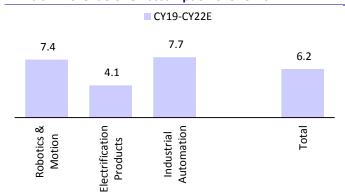
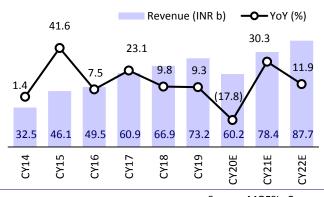


Exhibit 4: Revenue CAGR assumption over CY19-22E



Source: MOFSL, Company

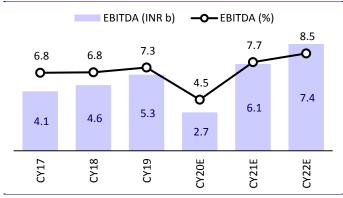
Exhibit 5: Revenue estimated at 6.2% CAGR over CY19-22E



Source: MOFSL, Company

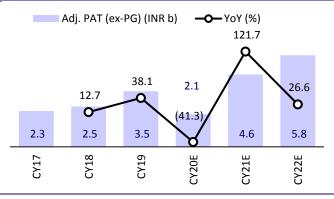
Source: MOFSL, Company

Exhibit 6: EBITDA margin to expand by 120bp over CY19-22E



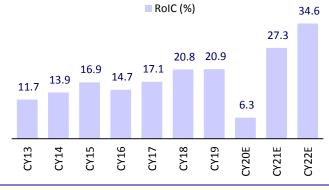
Source: MOFSL, Company

Exhibit 7: Expect adj. PAT CAGR of 18.1% over CY19–22E, aided by lower corporate tax rates



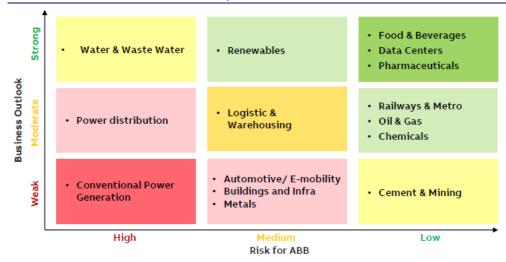
Source: MOFSL, Company

Exhibit 8: Rising RoIC trend to help sustain premium valuations



Source: MOFSL, Company

Exhibit 9: ABB India – business outlook post COVID-19



Source: MOFSL, Company



#### **Business update**

- ABB is focused on costs and cash conversion.
- Demand is ~85% v/s last year. The company has aligned its cost and operations accordingly.
- The company inaugurated 'eMart' for electrification products, while doubling its capacity for the robotics facility.
- A favorable forex impact led to an increase in margins.
- Cash balance stood at INR16b in 9MCY20 (v/s INR13.4b 9MCY19).

#### Electrification

- Order inflow stood at INR4.9b, with order backlog at INR13.2b.
- Orders were seen from the Data Center, Metro Rail, Food & Beverage, and MV Distribution (repeat orders) segments.
- Revenue was led by a strong performance in exports, while the Services business-related constraints persist.
- Margins: Capacity uptick and cost rationalization aided margin accretion.

# Motion

- Orders won stood at INR5.5b, with order backlog at INR16.5b.
- ABB focused on transportation, digitalization, and services. Continuous engagement with customers through digital means helped drive growth.
- Margin: A better volume with mix and cost reduction measures led to higher profitability.

## **Industrial Automation:**

- Order inflow stood at INR2.7b, with order backlog at INR13.4b.
- Projects were deferred due to market uncertainties and delayed decision making.
- Opportunity exists in water projects, chemicals, and small and mid-sized plants.



Revenue: Lower revenues due to prolonged slowdown in the Metal and Cement sectors led to orders from customers being deferred. Exports and capex-related project revenues were also subdued.

- Margin: Project mix and execution challenges (EPC & Conventional Power Generation segments), decline in services and export components, and an unfavorable forex impact led to margin decline in the quarter.
- Turbochargers: ABB India is a hub unit for Turbocharger. Exports were mainly across SAARC regions, with Bangladesh and Sri Lanka doing well. In India, Indian Railways is moving away from diesel to electric locomotive, thus reducing the usability of Turbocharger.
- This is the only segment that has exposure to projects. Two business units work only on projects, primarily from the O&G and Power sectors. With both the sectors facing headwinds, margins have been impacted.

## **Robotics and Discrete Automation**

- Order inflow stood at INR330m, with order backlog at INR1.2b.
- Ordering was lower from auto OEMs and ancillaries, while opportunities are expected in the Consumer and Electronics segments going ahead.
- Revenue: Project revenues stood lower, while Services revenues were higher.
  Some customer sites are still not operational, which is restricting the movement of outsiders.
- Margins: Higher Services revenues led to margin improvement.
- Capex for the robotics facility is complete, and the facility is up and running.

## Margin

- Other expenses on a normal basis stand at ~INR3.5b every quarter. They now stand at ~INR2.5b (owing to 80–85% of normal sales).
- Discretionary expenses would be incurred cautiously, while operational and business spends would continue.
- Discretionary spends form 20–25% of total other expenses.

# **Exports**

- Order inflows were static in 3QCY20.
- Currently, exports account for just 12% of total orders despite ABB's expectation that the segment would compensate for the sluggishness in the domestic market.
- Within Electrification, the strong domestic business of the MV Switchgear division is being leveraged for exports.
- Management is of the view that for any business to scale its exports, it should first get firmly established in the domestic market.

# Others

ABB has adequate land available in India and could double current capacity at the company level based on each business' requirement.

# Valuation and view

■ A pure-play on products and services rather than direct play on capex: Post the demerger of the Power Grid business, ABB India's business is largely products and services-oriented, with projects forming ~8% of revenue in 3QCY20. This makes it a pure-play on the digitalization and automation theme. Today, ABB is a beneficiary of consumption revival, especially in the end markets of Pharma and F&B.

- Order inflows may be volatile due to short-cycle nature of business: Given the major components of products and services, the residual business should be short-cycle in nature. Thus, order inflows may be volatile over the near term, especially given the ups-and-downs of the economic cycle and the recent disruption due to COVID-19. As expected, order inflows declined 19% YoY in 3QCY20 (v/s 40% decline in 2QCY20).
- Expect strong earnings momentum to continue: Over FY13–19, ABB delivered an adj. PAT CAGR of ~12.1%. We forecast an earnings CAGR of 18.1% over CY19–22E. Tax rate should aid growth as effective tax rate would reduce to 25.2% CY20E onwards.
- Return ratios to improve: We expect RoEs to improve to 13% by CY22E following the aberration in CY20E. ABB's RoEs are depressed due to high cash balance. Improvement in the business model is better captured in RoIC calculations. We expect RoIC to improve to ~35% by CY22E from ~21% in CY19.
- Maintain Buy: We maintain our Buy rating, with TP of INR1,030, based on an unchanged Mar'22E target PE multiple of 45x (at par with our target multiple for pure automation businesses and as justified by DCF, as well as min ~1-year forward PE multiple for ABB over the past 10 years).

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# **Financials and valuations**

Y/E December	2017	2018	2019	2020E	2021E	2022E
Net Sales	60,937	66,901	73,151	60,150	78,400	87,700
Change (%)	-29.5	9.8	9.3	-17.8	30.3	11.9
EBITDA	4,146	4,578	5,312	2,678	6,058	7,447
% of Net Sales	6.8	6.8	7.3	4.5	7.7	8.5
Depreciation	1,012	928	904	1,025	1,074	1,123
Interest	572	539	214	130	130	130
Other Income	777	840	943	1,230	1,249	1,530
Extra-ordinary Items (net)	1,945	2,567	-476	392	0	0
РВТ	5,283	6,518	4,661	3,145	6,103	7,724
Tax	1,084	1,410	1,627	693	1,536	1,944
Rate (%)	32.5	35.7	31.7	25.2	25.2	25.2
PAT	4,200	5,109	3,034	2,452	4,567	5,780
Adjusted PAT	2,255	2,542	3,510	2,060	4,567	5,780
Change (%)	-42.0	12.7	38.1	-41.3	121.7	26.6
Balance Sheet						(INR m)
Y/E December	2017	2018	2019	2020E	2021E	2022E
Share Capital	424	424	424	424	424	424
Reserves	35.645	39.649	34.777	36.735	40.206	44.598

Balance Sheet						(INR m)
Y/E December	2017	2018	2019	2020E	2021E	2022E
Share Capital	424	424	424	424	424	424
Reserves	35,645	39,649	34,777	36,735	40,206	44,598
Net Worth	36,069	40,073	35,201	37,159	40,629	45,022
Loans	6,041	20	71	71	71	71
Net Deferred Tax Liability	-1,173	-1,150	-1,103	-1,103	-1,103	-1,103
Capital Employed	40,937	38,944	34,168	36,126	39,597	43,989
Gross Fixed Assets	15,251	11,419	10,211	10,711	11,211	11,711
Less: Depreciation	3,064	2,488	2,794	3,819	4,894	6,017
Net Fixed Assets	12,187	8,931	7,417	6,892	6,318	5,694
Capital WIP	1,165	831	595	595	595	595
Investments	2,706	2	1	1	1	1
Curr. Assets	71,650	58,628	65,176	59,095	74,504	84,481
Inventory	11,536	9,279	8,617	8,240	9,236	10,331
Debtors	27,641	16,869	19,475	19,775	20,873	23,349
Cash & Bank Balance	14,917	14,751	15,976	16,227	25,493	29,835
Loans & Advances	462	263	3,770	330	430	481
Other current Assets	17,095	17,468	17,337	14,524	18,473	20,485
Current Liab. & Prov.	46,770	29,448	39,020	30,457	41,820	46,781
Creditors	27,131	18,745	19,016	14,008	20,381	22,798
Other Liabilities	16,067	8,046	17,140	14,093	18,369	20,549
Provisions	3,572	2,657	2,865	2,356	3,070	3,434
Net Current Assets	24,880	29,180	26,156	28,639	32,684	37,700
Application of Funds	40,938	38,944	34,168	36,126	39,597	43,990

5 November 2020

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# **Financials and valuations**

Ratios						
Y/E December	2017	2018	2019	2020E	2021E	2022E
Basic (INR)						
EPS	10.6	12.0	16.6	9.7	21.6	27.3
Growth	-41.9	12.7	38.1	-41.3	121.7	26.6
Cash EPS	15.4	16.4	20.8	14.6	26.6	32.6
Book Value	170.2	189.1	166.1	175.4	191.7	212.5
DPS	4.4	4.8	4.8	1.9	4.3	5.5
Payout (incl. Div.Tax)	41.3	40.0	29.1	20.0	20.0	20.0
Valuation (x)						
P/E	83.9	74.5	53.9	91.9	41.4	32.7
Cash P/E	57.9	54.6	42.9	61.3	33.6	27.4
EV/EBITDA	43.5	38.1	32.6	64.6	27.0	21.4
EV/Sales	3.0	2.6	2.4	2.9	2.1	1.8
Price/Book Value	5.2	4.7	5.4	5.1	4.7	4.2
Dividend Yield (%)	0.5	0.5	0.5	0.2	0.5	0.6
Profitability Ratios (%)						
RoE	11.6	12.7	10.0	5.5	11.2	12.8
RoCE	11.5	14.4	10.7	6.0	11.8	13.4
RoIC	17.1	20.8	20.9	6.3	27.3	34.6
Turnover Ratios						
Debtors (Days)	166	92	97	120	97	97
Inventory (Days)	69	51	43	50	43	43
Creditors (Days)	163	102	95	85	95	95
Asset Turnover (x)	1.5	1.7	2.1	1.7	2.0	2.0
Leverage Ratio						
Net Debt/Equity (x)	-0.2	-0.4	-0.5	-0.4	-0.6	-0.7
Cash Flow Statement						(INR m)
Y/E December	2017	2018	2019	2020E	2021E	2022E
PBT before EO Items	3,338	3,951	4,661	2,753	6,103	7,724
Add : Depreciation	1,580	1,458	1,040	1,025	1,074	1,123
Interest	773	767	291	130	130	130
Less : Direct taxes paid	2,799	2,248	1,738	693	1,536	1,944
(Inc)/Dec in WC	2,403	-1,641	2,846	-2,232	5,221	-674
CF from operations	5,295	2,287	7,100	983	10,992	6,359
EO Income	2,622	3,967	-431	392	0	0
CF from Oper. incl. EO Items	7,917	6,255	6,669	1,375	10,992	6,359
(Inc)/Dec in FA	-1,858	-2,437	-1,374	-500	-500	-500
Free Cash Flow	3,437	-149	5,726	483	10,492	5,859
(Pur)/Sale of Investments	-1,347	3,874	-2,533	0	0	
CF from investments	-3,205	1,437	-3,907	-500	-500	-500
(Inc)/Dec in Net Worth	0	0	0	0	0	0
(Inc)/Dec in Debt	107	-5,935	-19	0	0	0
Less : Interest Paid	-773	-799	-291	-130	-130	-130
Dividend Paid	-1,020	-1,124	-1,226	-494	-1,096	-1,387
CF from Fin. Activity	-1,686	-7,858	-1,537	-624	-1,226	-1,517
Inc/Dec of Cash	3,025	-166	1,225	251	9,266	4,342
Add: Beginning Balance	11,892	14,917	14,751	15,976	16,227	25,493
Closing Balance	14,917	14,751	15,976	16,227	25,493	29,835

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.

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