

MTAR Technologies Ltd

Price Band: INR 574-575

Subscribe for Long Term

MTAR Technologies Ltd (MTL) manufactures hi-precision indigenous components, subsystems, assemblies for projects of national importance.

Complex product manufacturing capability with healthy order book: MTL manufactures a wide range of critical engineered products and thus enjoys high entry barriers, increased customer dependency and long standing clients' relationship. Infact, MTL has been a sole supplier from India to US-based Bloom Energy (BE). Its revenue is well diversified: clean energy (49% of 9MFY21 sales), nuclear (27%), space and defence (21%) and others (3%). >50% of its revenue come from the export market. Its order book is healthy at INR3.4bn which is 1.6xFY20 revenues.

New product launches and Indigenization to aid growth: MTL is developing hydrogen boxes and electrolyzers to serve BE. Clean energy can be used in multiple sectors to generate power and is expected to grow at ~15% CAGR and thus MTL is in process to tap existing customers too. It is also building a sheet metal facility and plans to take up specialized fabrication jobs. India has 22 operational reactors and the Government has sanctioned 10 more which would double nuclear capacity to 11.5GW, thus presenting huge opportunity for MTL. Further indigenization in defence space opens plethora of opportunity for the MTL given its experience.

Healthy Financials: Over FY18-20, MTL's Revenue/EBITDA/PAT grew at a CAGR of 16%/35%/140% while EBITDA margins expanded 714bps to 27.1% due to rising export share (higher margin). In 9MFY21, Revenue/EBITDA/PAT grew 16%/22%/25% YoY, while EBITDA margin further improved to 29.9%. It has negligible debt on its books which post IPO will further reduce to zero. However it is working capital intensive (~180 days) and its asset turnover stands at ~0.8x, thus resulting in RoE of ~14% (FY20).

Issue Size: The INR6.0bn IPO consists of fresh issue of INR1.2bn and OFS of INR4.7bn which would result in promoter's stake reducing from 62.2% pre-IPO to 50.3% post-IPO. MTL also raised pre-IPO money worth INR1bn at INR540/share from SBI MF and Axis MF. The funds raised will be utilized to repay debt (INR630mn) and fund working capital (INR950mn).

Valuation & View: We like MTL given its complex/wide product portfolio, presence in niche space, strong client relationship and high entry barriers. The issue is valued at 47.3x FY21E P/E and 3.7x P/BV on an annualized and post issue basis. We believe MTL could benefit from the government impetus on the indigenization. Hence we recommend **Subscribe for Long Term**. Further given the current buoyant market and high interest for defence stocks, the issue could see **listing gains** as well. **Risk:** 49% of its revenues is derived from a single customer - Bloom Energy, US.

Exhibit 1: Financials & Valuations (INR mn)

Y/E March	FY18	FY19	FY20	9MFY21
Revenue	1,596	1,837	2,138	1,773
Growth (%)	-	15.1	16.4	16.5
Adj PAT	54	379	313	281
Growth (%)	-	598.9	-17.4	25.0
EPS (INR)	1.8	12.3	10.2	9.1
RoE (%)	2.6	17.2	13.6	10.6
P/E (x)	326.1	46.7	56.5	47.3

Source: RHP, MOFSL er price band of INR575

*Calculated on annualized & post issue basis, at the upper price band of INR575

ISSUE SUMMARY	
Issue Opens	3-Mar-21
Issue Closes	5-Mar-21
Offer Price (INR per share)	574-575
Bid Lot	26 shares
Face Value (INR)	10.0
Pre Issue Shares o/s (mn)	28.6
Offer for Sale (No of sh. mn)	8.2
Fresh Issue (No of sh. mn)	2.1
Post Issue shares o/s (mn)	30.8
^*Issue Size (INR bn)	6.0
QIB	=>50%
Non-institutional	<15%
Retail	<35%

POST ISSUE DETAILS	
M.Cap @INR575/sh. (INR bn)	17.7
Shareholding pattern	
Promoters	50.3%
Non-Promoters	49.7%

^ Issue Size (@INR575)

About the Company

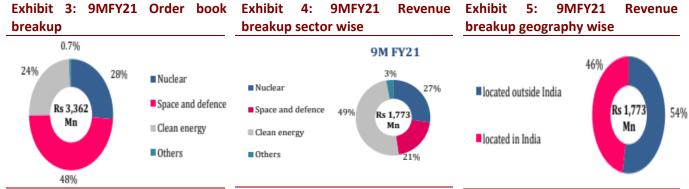
MTAR Technologies Ltd (MTL) commenced operations as a partnership firm in 1970 and later incorporated as private limited company in Nov'99. It is a leading precision engineering solutions company engaged in the manufacture of (1) mission critical precision components with close tolerances (5-10 microns), and in (2) critical assemblies, to serve projects of high national importance, through its precision machining, assembly, testing, quality control, and specialized fabrication competencies, some of which have been indigenously developed and manufactured.

vard for Excellence in Incorporated a Constituted in July, 1970 Aerospace 'INS Industrial subsidiary - , Magnatar as a partnership firm Indigenization' by the Excellence Award' by Manufacture of power Aero Systems Private Society of Indian 'M/s Machine Tools Aids Aerospace Technologies the Indian Nuclear units for Bloom Energy Limited to enter into and Reconditioning and Industries for (segment - Clean defence offset Society for the between K indigenization of energy) 💡 contributions made in partnership with certain Satyanarayana Reddy & machining of critical the nuclear field global OEMs (segment components for 'Kaveri' P. Ravindra Reddy Space and defence) engines 1999 2003 2005 2018 2020 1970 2002 2004 2012 2019 Conversion from a Awarded the 'Defence Currently manufactures partnership firm to a pyt Technology Absorption Manufacture of control 14 kinds of products in defence exports. 'Best ltd company. Award' by the DRDO, in and safety red drive the nuclear sector, 6 in recognition of the commencement of Quality Supplier Award' mechanism and diverse the space and defence manufacture of base outstanding by the helicopter safety rod drive sectors, and 3 in the shroud & fin assembly contribution made in division of HAL, at the mechanism for IGCAR clean energy sector technology absorption for use in flight systems **Business Partners** (segment - Nuclear) in the area of Agni along with import (segment - Space and Quality Meet, 2018 1 missiles defence) substitute products

Exhibit 2: Transformation into a leading precision engineering solutions company

Source: RHP, MOFSL

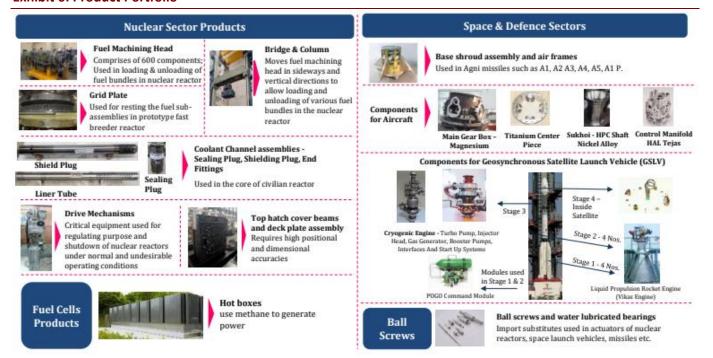
MTL primarily serve customers in the nuclear, space and defence, and clean energy sectors. Since inception, MTL has strived to grow continually, contributing to the Indian civilian nuclear power programme, Indian space programme, Indian defence and aerospace sector, global defence and aerospace sector, as well as to the global clean energy sector. Over the years, it has also developed import substitutes such as ball screws and water lubricated bearings that are specialized and used in the sectors MTL caters to.



Source: RHP, MOFSL

MTL's engineering capabilities, evolved over decades, has enabled it to consistently offer quality complex precision manufactured components and assemblies, within stipulated timelines and at reasonable cost in most cases. While the bids for the projects in the nuclear and space and defence sectors are invited by issuing tender enquiries, the qualification process for securing such tenders is extremely stringent as there is no scope for faults in such sectors. MTL's past experience in the supply of its products, ability to meet specific technical requirements of its customers, reputation for quality and safety features present in its products, financial strength, and the price competitiveness of its offerings, has not only strengthened MTL's position in the market but also has enabled it to establish and maintain relationships with its customers.

Exhibit 6: Product Portfolio



Source: RHP, MOFSL

Exhibit 7: Long standing relationship with customers



Source: RHP, MOFSL

Clean Energy

MTL also focuses on clean energy as one of its key customer sectors and is thus involved in the manufacture of power units, specifically hot boxes, and in the development and manufacture of hydrogen boxes and electrolyzers, to serve Bloom Energy Inc., US with which, it has been associated with, for over 9 years. It is also in the process of establishing a sheet metal facility which will allow MTL to undertake sheet metal jobs for Bloom Energy, ISRO and certain other customers. It also intend to take up specialized fabrication jobs for multi-national companies and other leading Indian organizations. In addition to this, MTL is in the process of developing roller screws as well as the associated technology. Roller screws is currently, an import substitute and once the development has been completed, MTL will be the first manufacturer of roller screws in India, while this product shall be used for application in the nuclear, and space and defence sectors.

In addition, the demand for clean energy is going to rise significantly and have accordingly, commenced manufacturing electrolyzers to produce methane-free hydrogen which can be used in multiple sectors to generate power. While MTL currently supply hot boxes which use methane to generate power, it intend to supply the electrolyzers to its existing customers and have initiated the process of manufacturing the same. Infact, Bloom Energy has signed a MoU with a PSU, to deploy fuel cell technology in India by using natural gas as fuel. Further Bloom Energy has installed majority of the solid oxide fuel cell installation in the US is now targeting the South Korean market.

Nuclear Energy

MTL has been serving customers in the nuclear sector for over 35 years, and has established relationships with NPCIL having served them for over 16 years. It manufactures and supplies specialized products not just for the new pressurised heavy water nuclear reactors, but also for refurbishment of the existing reactors. India has 22 operational reactors and the Government has sanctioned 10 more which would double nuclear capacity to 11.5GW, thus presenting huge opportunity for MTL as it has manufacturing facilities to undertake projects for four reactors at any given point of time.

Defence & space

MTL is a key supplier of mission critical components to customers within the space and defence sectors. Through its long-standing relationships of over three decades and four decades with customers such as ISRO and DRDO, MTL has been able to supply specialized products to the Indian space programme and the Indian missile programme, respectively. In addition, MTL also supplied critical defence products such as aluminium weldments and other machined components to its international customers including, an Israeli defense technology company.

The Indian defence sector is currently focused on indigenization of various defence technologies in view of the recent announcement made on the indigenization of 108 systems and sub-systems. The Government has also recently announced import ban on 101 defence based items. Further, India's defence spends have been rising continuously over the past five years and clocked a robust growth of 6.90%. The Indian defence sector is at an inflection point and several policies are being laid out by the Government of India to promote the Indian manufacturing sector. Further,

indigenization of defence has always been a core agenda of the Indian Government. The 'Make in India' campaign introduced in 2014 and the 'Atma-Nirbhar Bharat' initiative, share similar goals with regards to development of domestic defence industry and given MTL's prior experience and robust relationships with its customers, MTL has an advantage.

Further, the global space market opportunity amounts to USD 360 billion. Increased use of space launch vehicles for satellites and testing probe applications, introduction of space tourism and development of satellite internet system have propelled the growth globally. In addition, ISRO intends to commercialise the Indian space sector and offer its products and services to other countries. It is expected to provide an exponential growth to the Indian players operating in the space sector and accordingly, MTL expect that its Order Book shall grow significantly in the future.

Manufacturing facilities

MTL currently operates through 7 manufacturing facilities, including an export-oriented unit (all situated in Hyderabad) and is a one-stop solutions company for its customers. MTL lays special emphasis on R&D as it allows the company to evolve its own process technologies thereby enabling it to achieve design specifications with accuracy. It has also recently established an engineering cell that works on cycle time reductions to enhance cost-effective manufacturing solutions. MTL's manufacturing facilities also employ extensive and stringent quality control mechanism at various stages to ensure that the finished product conforms to the quality requirements of the customers.

Exhibit 8: Manufacturing facilities

Units	Products manufactured	Sectors catered	Facilities offered
Unit 1	Complex nuclear assemblies & high end defence products such as base shroud assembly for Agni missiles	Nuclear, defence and aerospace	Advanced computerized numerical control, machining & QC
Unit 2	Liquid propulsion engines, cryogenic engines, semi cryo engine and electro pneumatic modules used in PSLV and GSLV and satellite valves	Space	Advanced CNC machining, assembly, specialized fabrication, QC and testing
Unit 3	High volume nuclear components such as end fittings, liner tubes, products such as ball screws and WLBs and other nuclear site orders	Nuclear, defence and aerospace	Advanced CNC machining and quality control
Unit 4	Supporting unit which undertakes rough machining	-	Rough machining
Unit 5	Supporting unit which undertakes surface treatment such as nitriding, anodization and heat treatment such as gas carbonizing		Surface treatment, heat treatment an special processes
Unit 6	Supporting unit with fabrication facility and large clean rooms	-	Assembly
EOU	Power units for supply to Bloom Energy and high end defence components to be supplied to an Israeli defense technology company	Clean energy and export defence	Advanced CNC machining, assembly, special processes, and QC

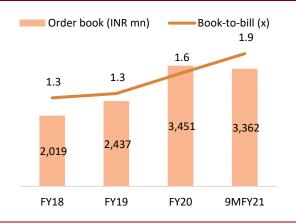
Source: RHP, MOFSL

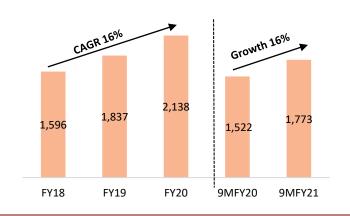
Owing to the critical end applications of its products and such stringent quality requirements, it becomes very difficult for new players to get qualified for the projects MTL undertake. Various awards such as the 'Best Quality Supplier Award', 'Defence Technology Absorption Award', 'INS Industrial Excellence Award' and the 'Award for Excellence in Aerospace Indigenization' has been received by MTL in the past which bears testimony to the faith the customers have in the company and its ability to successfully serve and meet their requirements.

Story in Charts

Exhibit 9: Healthy Order book providing revenue visibility

Exh ibit 10: Revenue (INR mn) grew at a 16% CAGR over FY18-20

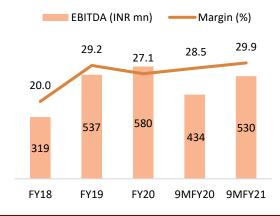


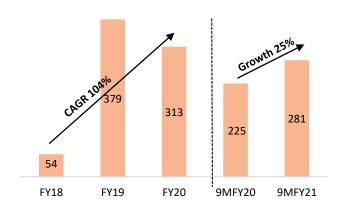


Source: RHP, MOFSL Source: RHP, MOFSL

Exhibit 11: EBITDA grew at 35% CAGR over FY18-20 aided by margin expansion

Exhibit 12: PAT (INR mn) grew at a 104% CAGR over FY18-20

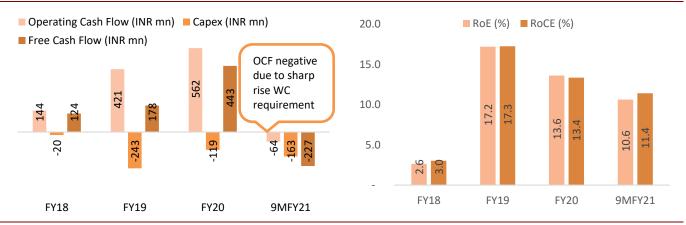




Source: RHP, MOFSL Source: RHP, MOFSL

Exhibit 13: Has been generating FCF over last 3 years except for 9MFY21

Exhibit 14: Return ratios



Source: RHP, MOFSL Source: RHP, MOFSL

Risk and concerns

 MTL faces customer concentration risk as it derived 49% of its revenues from a single customer, Bloom Energy. The company's revenues and margins would be adversely impacted in case of any decline in offtake from Bloom.

- MTL depends significantly on orders from the NPCIL, ISRO and DRDO. Any decline
 or reprioritization towards the respective Government departments under which
 these customers operate, could adversely affect MTL's ability to grow or maintain
 its profitability.
- MTL does not have long-term supply agreements with its customers. If the customers choose not to source their requirements from MTL, it could adversely affect MTL's operations.
- MTL's operations are working capital intensive in nature as indicated by high
 working capital cycle. The inventory days are high as it needs to maintain high raw
 material inventory to meet strict delivery timelines. The debtor days are higher as
 the bills raised are paid after the detailed testing.
- MTAR is exposed to exchanges rate fluctuations as exports are not completely offset by raw material imports.

Financials

Income Statement (INR mn)

Y/E March	FY18	FY19	FY20	9MFY21
Net Sales	1,596	1,837	2,138	1,773
Change (%)	-	15.1	16.4	10.6
Total Expenditure	1,277	1,300	1,558	1,243
% of Sales	80.0	70.8	72.9	70.1
EBITDA	319	537	580	530
Margin (%)	20.0	29.2	27.1	29.9
Depreciation	112	112	120	93
EBIT	207	425	459	437
Int. and Finance Charges	45	45	48	48
Other Income	9	22	44	7
PBT	172	416	455	396
Tax	117	24	142	115
Tax Rate (%)	68.4	5.7	31.2	29.1
Reported PAT	54	392	313	281
Adjusted PAT	54	379	313	281
Change (%)	-	598.9	-17.4	19.4
Margin (%)	3.4	20.6	14.7	15.8

Source: Company RHP, MOFSL

Balance Sheet (INR mn)

Y/E March	FY18	FY19	FY20	9MFY21
Share Capital	282	282	268	268
Reserves	1,773	2,068	1,983	2,189
Instruments in the nature of equity	0	0	0	0
Net Worth	2,055	2,350	2,251	2,456
Debt	198	287	291	655
Deferred Tax (Net)	88	0	53	99
Total Capital Employed	2,341	2,637	2,595	3,210
Net Fixed Assets	1,522	1,622	1,551	1,559
Capital WIP	18	56	117	189
Investments	0	0	0	0
Current Assets	1,269	1,373	1,794	2,071
Inventory	419	411	755	791
Debtors	490	504	616	731
Cash and Bank Balance	91	108	232	216
Loans and Advances & OCA	270	351	191	333
Curr. Liability & Provisions	469	414	868	609
Account Payables	136	60	306	145
Current Liabilities	290	341	504	405
Other Long Term Liab. & Provs.	43	14	58	59
Net Current Assets	800	959	926	1,463
Misc Expenditure	0	0	0	0
Appl. of Funds	2,341	2,637	2,595	3,210

Source: Company RHP, MOFSL

Key Ratios

Y/E March	FY18	FY19	FY20	9MFY21
Basic (INR)				
EPS	1.8	12.3	10.2	9.1
Cash EPS	5.4	16.0	14.1	12.2
BV/Share	66.8	76.4	73.2	155.6
DPS	0.0	2.8	4.6	2.6
Valuation (x)				
P/E	326.1	46.7	56.5	47.3
Cash P/E	106.4	36.0	40.8	35.5
P/BV	8.6	7.5	7.9	3.7
EV/Sales	11.1	9.7	8.3	6.7
EV/EBITDA	55.8	33.3	30.6	22.5
Dividend Yield (%)	0.0	0.5	0.8	0.5
Return Ratios (%)				
RoE	2.6	17.2	13.6	10.6
RoCE	3.0	17.3	13.4	11.4
Working Capital Ratios				
Asset Turnover (x)	0.7	0.7	0.8	0.5
Inventory (Days)	96	82	129	122
Debtor (Days)	112	100	105	113
Creditor (Days)	31	12	52	22
Leverage Ratio (x)				
Net Debt/Equity	0.1	0.1	0.0	-0.4

Source: Company RHP, MOFSL

Cash Flow Statement (INR mn)

Y/E March	FY18	FY19	FY20	9MFY21
OP/(Loss) before Tax	172	416	455	396
Depreciation	112	112	120	93
Interest paid	45	45	48	48
Income Taxes paid	-25	-94	-72	-89
(Inc)/Dec in WC	-161	-57	26	-505
CF from Operations	142	421	577	-57
Others	2	-0	-14	-8
CF from Operating (Net)	144	421	562	-64
(Pur)/Sale of FA	-20	-243	-119	-163
(Pur)/Sale of Investments	-0	-91	-11	-5
Interest Received	7	7	9	9
CF from Investments	-13	-328	-121	-159
Proceeds from borrowings	-93	89	-5	383
Amount paid on equity shares bought back	-	-	-179	-63
Interest Paid	-45	-62	-59	-42
Dividend paid	-	-102	-170	-80
CF from Fin. Activity	-138	-75	-413	199
Net Inc/Dec of Cash	-7	19	28	-25
Exchange differences	-0	-2	-	0
Opening Balance	98	91	108	136
Closing Balance	91	108	136	111

Source: Company RHP, MOFSL

^{*}All ratios calculated on annualized & fully diluted basis at the upper price band of INR575 $\,$

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

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 www.motilaloswal.com. 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 Motifal Oswal Financial Services Ltd. are available on the website at http://onlinereports.motifaloswal.com/Dormant/documents/Associate%20Details.pdf

Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

MOFSL, it's associates, Research Analyst or their relatives may have any financial interest in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance. MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may have any there are no other potential. conflict of interests at the time of publication of the research report or at the time of public appearance.

- In the past 12 months, MOFSL or any of its associates may have:
 a) received any compensation from the subject company of this report
- managed or co-managed public offering of securities from subject company of this research report
- c) d)
- ed compensation for investment banking or merchant banking or brokerage services from subject company of this research report, ed compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report.
- MOFSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report. Subject Company may have been a client of MOFSL or its associates during twelve months preceding the date of distribution of the research report.
- Research Analyst may have served as director/officer/employee in the subject company.
- MOFSL and research analyst may engage in market making activity for the subject company associate company(ies), and Research Analyst and their relatives from time to time may have:

a) 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.

Above disclosures include beneficial holdings fying 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.

To enhance transparency, MOFSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the 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.

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.

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.

Disclosure of Interest Statement Prince Piper & Fittings Ltd.

Analyst ownership of the stock No

Arraph of Gally Closing prices of securities is available at www.nseindia.com, 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 &

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 1) 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 or 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.

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co.Reg. NO. 2011294012) 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

This report is intended for distribution to Retail Investors

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 publicity 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 Its affiliates of employees responsible for any such misuse and further agrees to not misuse of any or a similar of the simila

New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-71881085.

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL: IN-DP-16-2015; NSDL: IN-DP-NSDL-152-2000; Research Analyst: INH00000412. AMFI: ARN.: 146822. Investment Adviser: INA000007100. IRDA Corporate Agent — CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

March 2021 10