

Action Construction Equipment Limited

Corporate & Registered Office

Dudhola Link Road, Dudhola, Distt. Palwal-121102, Haryana, India



Date: March 14, 2024

To,
The Manager Listing
BSE Limited
5th Floor, P.J. Towers,
Dalal Street,
Mumbai-400001

Scrip Code: 532762

The Manager Listing
National Stock Exchange of India Ltd.
Exchange Plaza, Bandra Kurla Complex,
Bandra (E),
Mumbai-400051

CM Quote: ACE

Subject: Corporate Presentation-March, 2024.

Dear Sir/Madam,

Pursuant to Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith, Corporate Presentation-March 2024 of the Company.

Kindly take the above in your record.

Thanking you

Yours faithfully

For Action Construction Equipment Limited

Anil Kumar

Company Secretary



Corporate Office: Phone: +91-1275-280111 (50 Lines), Fax: +91-1275-280133, E-mail: works2@ace-cranes.com

Mktg. H.Q.: 4th Floor, Pinnacle, Surajkund, Faridabad, NCR-121009, Phone: +91-129-4550000 (100 Lines), Fax: +91-129-4550022, Email: marketing@ace-cranes.com **Customer Care No.:** 1800 1800 004 (Toll Free), **CIN:** L74899HR1995PLC053860, **Website:** www.ace-cranes.com



Corporate
Presentation
March 2024

100%
Swadeshi

ACE



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At a Glance



Established Brand with over 28 years of Industry Presence

India's most diversified CE Manufacturer Operating across Infra, Construction, Manufacturing, Logistics and Agri sectors

World's largest Pick & Carry Crane Manufacturer with Pan India and Global Presence in over 37 Countries

Customer Centric Organization with In-depth Market Intelligence and a strong Customer base

Value for Money Equipment with Focus on Quality and Reliability

Fastest Service and Product Support through a wide Network across 100+ Locations in India

Strong Manufacturing, R&D Capabilities providing Customized Solutions for Specific Requirements

Strong Financial Discipline with Sharp focus on Accelerated Growth through Flexibility and Quick Change Adaptation

Highly Experienced and Professional Team

Poised to capture Significant Growth Prospects in Indian Manufacturing & Infrastructure Sector



A sign for the ACE P&D CENTRE is mounted on the upper left portion of the building's facade. The sign features the 'ACE' logo in large, bold letters, with 'P&D CENTRE' written in smaller text below it.The text 'Company Overview' is positioned in the lower right area of the image. It is written in a white, sans-serif font and is preceded by a vertical orange line.

Company Overview



• **ACTION CONSTRUCTION EQUIPMENT LIMITED** was established in 1995 by Mr. Vijay Agarwal, a technocrat, who has over 50 years of industry experience and is run by a team of experienced professionals.

- ACE is an established and reputed brand with a significant presence across diversified sectors like Construction, Infrastructure, Manufacturing, Logistics and Agriculture.

Market Leader in Mobile and Tower Cranes

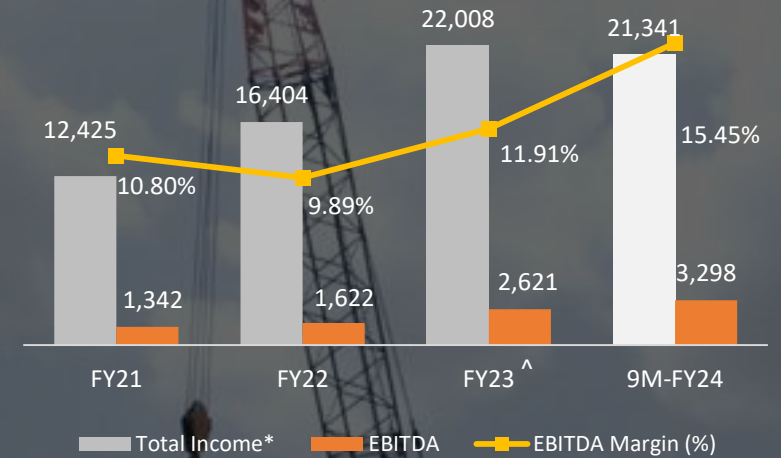


63% +
Market Share

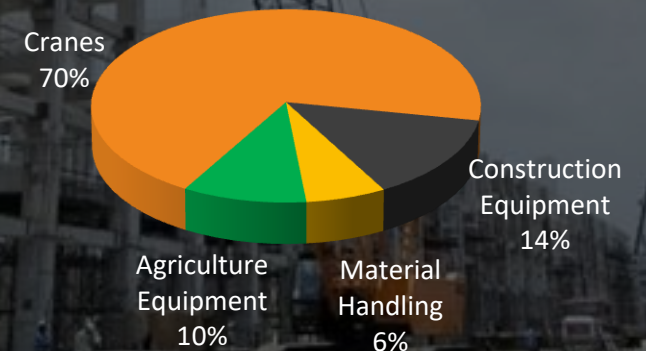
- The company is the world's largest Pick & Carry cranes manufacturer with over 63% market share in the Mobile cranes segment in the country and a majority market share of more than 60% in Tower Cranes segment domestically.
- Additionally, ACE also offers Crawler Cranes, Truck Mounted Cranes, Lorry Loaders, Backhoe Loaders/Loaders, Vibratory Rollers, Motor Graders, Forklifts, Tractors & Harvesters and other Construction Equipment.
- The company has one of the widest Sales and Service network, with over 100+ locations supported by 13 regional offices in India and also exports to over 37 countries across Middle East, Africa, Asia and Latin America.



Consolidated Financial Highlights (INR Mn)



Consolidated Segmental Revenue – 9M-FY24 (%)



*Total Income includes Other Income

^Other Income includes one-time exceptional item of INR 197.6 Mn

Product Portfolio



Cranes



Pick & Carry Crane



Lorry Loaders Crane



Self Erecting Tower Crane



Crawler Crane



Truck Crane



Tower Crane

Construction Equipment



Backhoe Loader



Wheel Loader



Soil Compactor & Tandem Vibratory Roller



Motor Grader

Material Handling Equipment



Forklift Trucks



Warehousing Equipment



Piling Rig

Agriculture Equipment



Tractor



Track Combine



Wheel Harvester



Rotovator

Board of Directors



Mr. Vijay Agarwal - Chairman & Managing Director

He is the promoter, Chairman & Managing Director of the Company. Mr. Agarwal is having over 50 years of industry experience in the field of material handling and heavy engineering industry to his credit. He has a degree in Mechanical Engineering & MBA from the Faculty of Management Studies (FMS), Delhi. Due to his vast experience in his field and continuous efforts, the company has achieved overwhelming success in a short span of 26 years. It was due to his persistence and never tiring efforts, that the Company was able to achieve growth in the past. He has single-handedly mentored the Company and has proved to be a guiding light throughout all these years of the Company's journey.



Mrs. Mona Agarwal - Whole Time Director

She is the Promoter, philanthropist, and Whole-Time Director of the Company. She has been associated with the company since its inception and is actively involved in the administrative and Human resource development, strategical transformations, business management and employee engagement processes. She has been instrumental in managing various functions of the organization especially the CSR initiative of Ace Emergency Response Service wherein Advance life support vehicles are dynamically deployed to respond to the need of people in distress in case of emergencies, covering the entire area of Palwal and Faridabad.



Mr. Sorab Agarwal - Whole Time Director

Mr. Sorab Agarwal, aged 44 years has a degree in Mechanical Engineering and is leading the Cranes and Equipment side of the business. Mr. Sorab Agarwal has been associated with the company for last 23 years and under his guidance and remarkable Engineering and Marketing capabilities, the company has ventured into new products and territories and its market share has increased considerably. He has played a major role in setting up all India competent Sales and Services network, aimed at achieving target oriented results. He has an excellent grasp and experience of general management besides technology and engineering aspect of products and marketing ability.



Mrs. Surbhi Garg - Whole Time Director

She is a business leader and Whole-Time Director of the Company. She has been associated with the company since 2012 and is actively involved in the field of administrative and Human Resource affairs. She has an excellent grasp of the overall experience of general management. Under her guidance, the company's administrative & HR affairs are being handled professionally and she has helped the company to formulate effective policies for performance evaluation and enhancement. Under her able guidance, the company has won many awards of excellence in the corporate and HR world including the award of "Dream Companies to Work for Construction Sector" in 2019 and "North India Best Employer Award" in 2020.



Mr. Avinash Parkash Gandhi - Independent Director

He holds a Bachelor's Degree in Mechanical Engineering from Birla Institute of Technology and has completed the Senior Management programme at IIM. He is a professional and freelance consultant having vast experience and advice on strategic matters to the Indian Automotive Industry. He was previously associated as President of Hyundai Motors India Limited and Escorts Limited as the Chief Executive-R&D. He has also served as Director-General of India Republic of Korea Friendship Society. At present, he is the Chairman and Board member of many other reputed companies namely, Schaeffler India Limited, Lumax Auto Technologies Limited, Lumax Industries Limited, Minda Corporation Limited, Uni products (India) Limited, Fairfield Atlas Limited, etc.



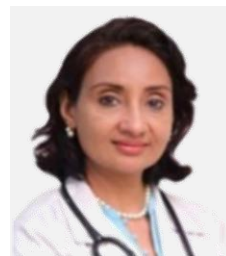
Dr. Jagannath Chamber - Independent Director

He has done his MA in English Literature from Government College Ludhiana and LLB from Delhi University. He was an IAS officer (UP cadre) and served as District Magistrate at few places like Mau, Moradabad etc. He has also served the state government in different capacities in Uttar Pradesh and was also a member of the Board of Revenue. He was associated with the Government of India in the capacity of Joint Secretary, Additional Secretary and Secretary. During his service, he did his MBA from Europe and Ph. D from Kumao University and is an Alumni of Harvard University USA.



Mr. Shrinivas Vashisht - Independent Director

He did his M.A. (Public Administration) From Punjab University, Chandigarh and L.L.B. from Delhi University. He joined Indian Police Service in the year 1981 and was allotted to the Haryana cadre. During his career in Indian Police Service, exceeding 34 years, Sh. Vashisht handled very challenging assignments including Director General of Police, Haryana from October 2012 to January 2015 and promoted professionalism and ethics in the force. He has been decorated with Police Medal for Meritorious Service and President's Police medal for Distinguished Service. Post his retirement, he also served as Chief Governance Coordinator, Gurgaon and is currently advising corporates and startups on managing and mitigating their risk profiles.



Dr. Divya Singhal - Independent Woman Director

She is a seasoned Gynecologist, Infertility Specialist & Laparoscopic Surgeon. She is an MBBS, DGO, FICOG, DIP ENDOSCOPY (FRANCE) and is currently the president of 3H Gyne forum, Secretary of Delhi Gyne forum (North) and president of PTA, ApeeJay School, Pitampura, New Delhi. In addition to this, she is also heading an IVF center in collaboration with a well-known IVF chain. With her able guidance and support, the Emergency Medicine Technicians (EMTs) who are deployed for the ACE Emergency Response Service are trained in basic life support, advance cardiac life support and trauma life support system.

Highly Experienced Management Team



Manish Mathur – CEO Cranes and Const. Equipment

Joined ACE in 1997 and under his leadership, ACE has been a dominant market leader in the crane segment for more than 17 years.

Areas of Expertise: Customer engagement and he has been instrumental in developing penetrative marketing and after-sales distribution network.

Education: MNIT, Allahabad (formerly known as MNREC)

Chetan Gole – CEO Forklifts

Associated with ACE for the last 15 years and under his leadership, the company has consistently increased its market share in the Indian Forklift market

Experience: 30 years in companies such as Elecon Engg. Ltd and Godrej & Boyce mfg. Co. Ltd

Areas of Expertise: Project marketing, Business development in Capital goods (Material handling equipment) and sales and marketing.

Education: B. E. in Production from Birla Vishwakarma Mahavidyalaya (S.P University, Gujarat).

Hitesh Agarwal – COO

Experience: 30 years in companies such as M/s Putzmeister, M/s Escorts Kubota Ltd, M/s Hero Majestic Auto Ltd.

Areas of Expertise: Production, End to End Quality, Green field projects, New Plant Set up, Vendor Development, Industrial Engineering, Logistics, Assembly, Welding, Modernization / Upgradation of existing facilities and systems / processes.

Education: MBA in Operation Management & B.Tech in Mechanical Engineering

Sunil Talreja – VP & Head RCED

Experience: 27 years of experience in companies such as Lohia Starlinger Ltd, Demad Cranes, Escorts Constructions, LeeBoy India, KION India & Homag India,

Areas of Expertise: Having worked with both established and startup brands in India and abroad, I have aided in launching products into the market and establishing their presence. I firmly believe in working through and with teams to achieve organizational goals.

Education: Bachelor of Engineering (Mechanical) & MBA (Marketing)

Rajan Luthra – CFO

Joined in June 2010 as Chief Financial Officer

Experience: 38 years in companies such as ABB, Talbros Automotive, Federal-Mogul (Goetze).

Areas of Expertise: Strategic Planning, Profit Improvement, Mergers, Investor Relations, Direct and Indirect tax, Compliance, Fundraising

Education: ICWA, Company Secretary, and Post Graduate Diploma in Personnel Management from Faculty of Management Studies, Delhi University.

Dr. Virender Saroha – President – HR & Legal

Experience: 25 years in companies such as Omax Auto, Orient Craft, Kajaria Ceramics, Grasim Industries, Vardhman Polytex and Parle Biscuits.

Areas of Expertise: Strategic HR Planning, Performance Management (KRAs/Targets), Manpower Cost optimization, Job Analysis, Succession Planning, and Legal & Statutory Compliances

Education: Ph.D. in "E HRM- Tools & Effectiveness in Manufacturing & Service Sector" from MDU; and an MBA (HR) from Institute of Management Studies & Research, MDU University.

Manish Handa – Head Construction Equipment

Experience: 27 years in companies such as JCB India, Eicher Polaris, Fiat India, L & T

Areas of Expertise: Creation of a new product category, introducing a new brand & establishing the distribution channel. He also has experience in institutional sales, business development and customer interface process & systems.

Education: Bachelor of Engineering, Mechanical, REC, Silchar

Ashok Anantharaman – COO Agri

Experience: 36 years in companies such as Eicher, General Motors, Escorts, Mitsubishi Motors, and Case New Holland.

Areas of Expertise: Sales, Marketing, Spares, Distribution, Exports and International Business. He has in-depth knowledge of the agricultural equipment in India, SAARC countries, South East Asia and Africa markets

Education: B.E. Hons (Mechanical) from BITS Pilani, PGDM from IIM Bangalore.

Vyom Agarwal – President – Sourcing & IR

Experience: 18 years including 8 years in Axis Bank as a financial analyst in corporate and forex banking operations

Areas of Expertise: Strategic Sourcing & Vendor Development, Cost Control, Supply Chain & Logistics, Insurance, Finance & Investor Relations. He is a result-oriented corporate leader with strong business acumen and is proficient in implementing cost control initiatives, processes & Controls.

Education: Gold Medallist in Economics (H), Hansraj College, Delhi University

Gurbinder Singh – Head Strategic Sourcing & VD

Experience: 30 Years with Escorts Ltd., from GET to Head Supply Chain for Escorts Kubota Ltd. , Head Materials of Escorts Construction business from 2016-19

Areas of Expertise: Overall Materials Management - Strategic Sourcing, Vendor Development; Material Cost Reduction (worked jointly in Lead roles with prominent Consultants McKinsey & Co., Accenture, PWC, ECS on Cost Optimization & Purchase Excellence projects); Supply Chain - Logistics, Inventory Management, Capacity Planning, Stores Management, SPD Procurement

Education: Bachelor of Engineering (Mechanical) from Guru Nanak Dev Engg. College, Bidar

Ankit Goel – Head R&D

Experience: 22 Years of Experience in Companies like Escorts, Tecnova India, Axis IT&T, Clutch Auto and Hero Motors.

Areas of Expertise: R&D Management, Product Strategy, New Product Introduction, Innovation & Growth Strategies, Product Planning, Material Cost Reduction, Technology Transfer, Building Technology Center, Product Improvements, Localization of Products, Project Management and Strategic Sourcing.

Education: Graduate Engineer from BITS Pilani, Certification in R&D Management from IIM Ahmedabad and Post Graduation in Management from Symbiosis, Pune.

Md Imteyaz Ahmed – Head Manufacturing

Experience: 38 years in the Agricultural Equipment division with Escorts Limited and M/S Carraro India and led manufacturing verticals of assembly and testing of Tractors, Engines, Transmissions and Axles

Areas of Expertise: Project planning, implementation, plant engineering and facility management. Responsible for manufacturing activities of the Agri Equipment and execution of engineering projects for the modernisation of the existing plants.

Education: BE (Mechanical), ME (turbomachine) from AMU Aligarh

Manufacturing Facilities

State-of-the-art production facilities based in the industrial townships of NCR, Haryana with a capacity to produce around 17,000 construction equipment and 9,000 Tractors annually.

Cranes



Pick & Carry Cranes



Crawler Cranes



Tower Cranes

Construction Equipment



Backhoe Loaders



Motor Graders



Vibratory Rollers

Agriculture Equipment



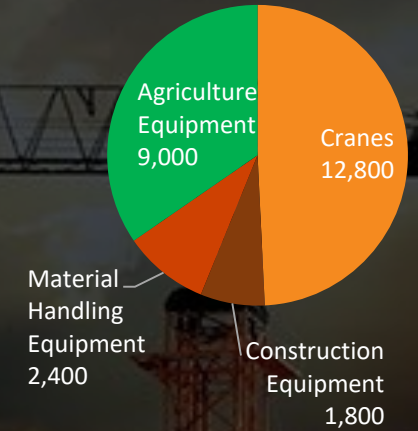
Tractors

Material Handling Equipment



Forklift trucks

Total Capacity (Units)



State-of-the-Art Manufacturing Facilities

Location:

Faridabad, Palwal

Total installed Capacity

26,000 units

Total Area:

~90 acres

Utilized Area:

~75 acres

Manufacturing Facilities



Dudhola Plant



Fabrication Unit and Weld Shop



Engines



Transmissions



Engine Assembly



Machine Shop

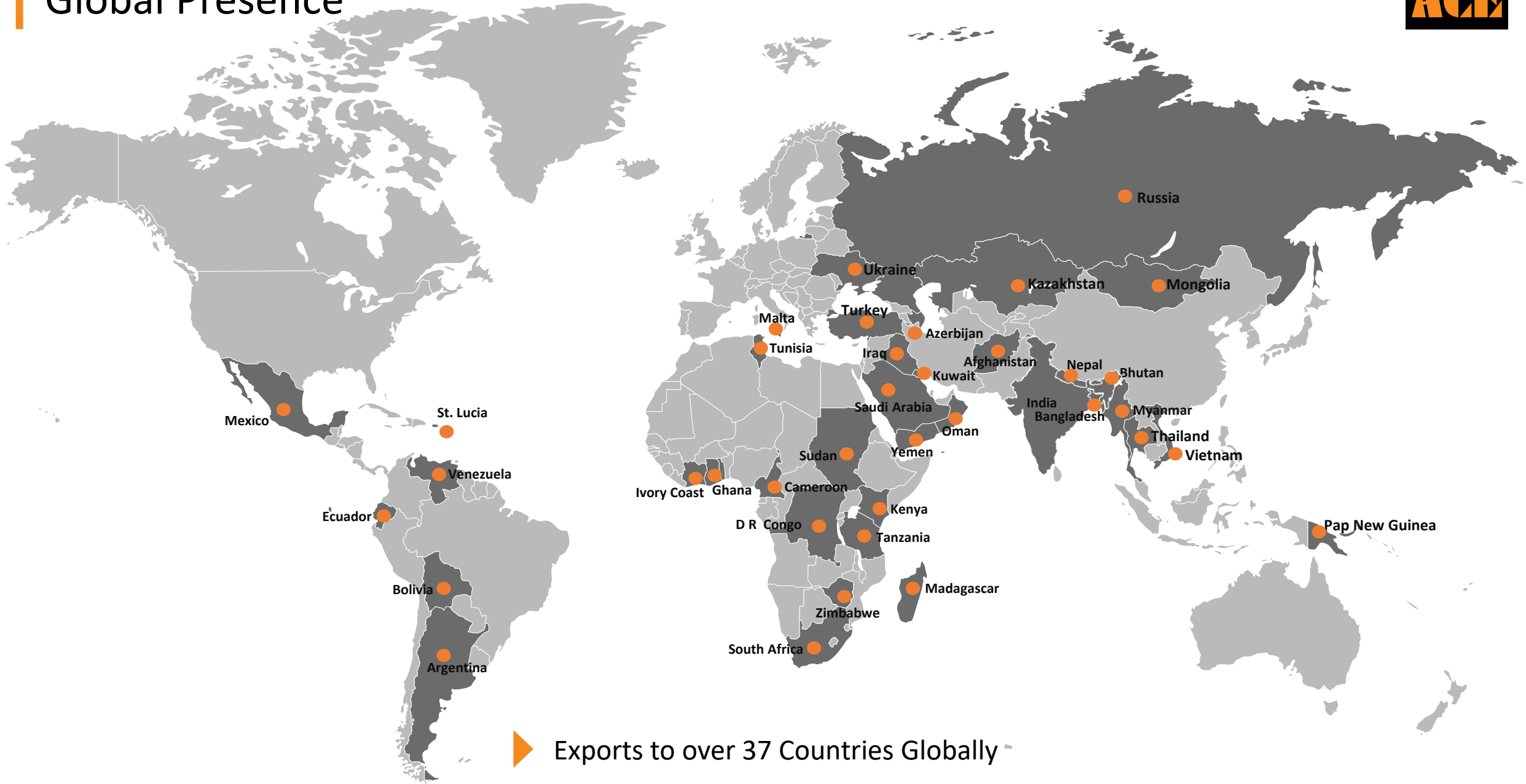


Paint Line



Spare Parts

Global Presence



▶ Exports to over 37 Countries Globally

Clientele



Infra Players



Manufacturing Sector



Government Sector



Strong R&D and Training Capabilities



R&D Center



Training center

ACE puts strong emphasis on Research and Development. Its R&D Centres at Faridabad and Palwal are recognised by DSIR – Government of India and perform the following activities

- Catalyse tech upgradation to meet International Standards of Safety and Quality
- Continually innovate and introduce products to cater to varying needs of the customers
- Develop and indigenise world-class technologies
- Optimize cost of products through value engineering
- Conduct upgradation of existing products and processes
- Develop low-cost engineering solutions

ACE Training Center: Set up to impart operation, maintenance and preventive training to in-house, customer and dealer personnel

Journey and Key Milestones



1995

- Company Incorporated
- Introduced Hydraulic Mobile Cranes

1997

- Received ISO-9001 Certification
- Started Regional Office in Mumbai

1998-99

- Introduced Mobile Tower Crane
- Commenced Exports

2004

- Introduced Tower Cranes

2006

- IPO Listing
- Ace won CNBC-TV18, Emerging India Award

2007

- Introduced Forklift Trucks
- Received CE Certification
- Fastest Growing CE Company – CW-NICMAR

2008

- Introduced Crawler Crane

2009

- Entered Construction Equipment Market
- Introduced Range of Tractors

2010

- Developed Advanced Technology for Big Tower Cranes

2011

- Commenced in-house Manufacturing of Crawler Cranes

2012

- Introduced Next-generation Pick and Move Cranes and Lorry Loaders

2013

- Introduced In-house Engine Plant and Track Combine

2014

- Introduced Wheel Harvester

2015

- Introduced Rotavator and Other Agri Equipment

2016

- Introduced Skid Steer Loaders

2017

- Introduced Range of Tractors and Material Handling Equipment

2018

- Collaborated with Sunward for Pilling Rig

2019

- Introduced NX Series Cranes, 55-60 Ton Truck Cranes and Next-gen Backhoe Loaders

2020

- Introduced Cranes for Pilling

2021

- Developed Lithium-ion Electric Forklifts
- Introduced New Models of Backhoe Loaders and Tractors for Exports

2022-2023

- Developed India's first fully electric mobile crane
- Developed India's largest indigenous crane with 180 tons lifting capacity
- Developed India's first self-propelled aerial work platforms



1995-2006



2007-2012



2013-2018



2019-2023

Recent Awards



India's top challenges 2022-2023 | Best Seller - Mobile cranes 2022-2023 | Best Seller - Tower cranes 2022-2023 | India's 20 Most Impactful Power Brands 2022-2023 | Person of the Year Mr. Sorab Agarwal Equipment India 2022 | Best in Sales - PnC Cranes Equipment Times | HURUN India Value Creator of the year 2023 | Transformative Trailblazing Leader Mr. Vijay Agarwal Zee Business | Bestseller in Mobile Cranes Category 10th Equipment India Awards 2022 | Innovative Construction Equipment for Multi-Activity Piling Cranes | India's Top Challengers 2020-2021 | Guinness World Records Certificate



Best Seller in Mobile Cranes 2020-2021 | The Economic Times Prestigious Brand 2021 | Best Company of the Year 2020 Award | Business Leader of the Year 2020 Award | Outstanding Employee Engagement Strategy Award - 2020 | North India Best Employer Award 2019 - 20 | Bestseller in Mobile Cranes Equipment India 2019 | Person of the Year Mr. Vijay Agarwal Equipment India 2019 | Best Company in Cranes & Tower Cranes | Future of Workplace & Leadership Award - 2019 | India's Greatest Brands 2019



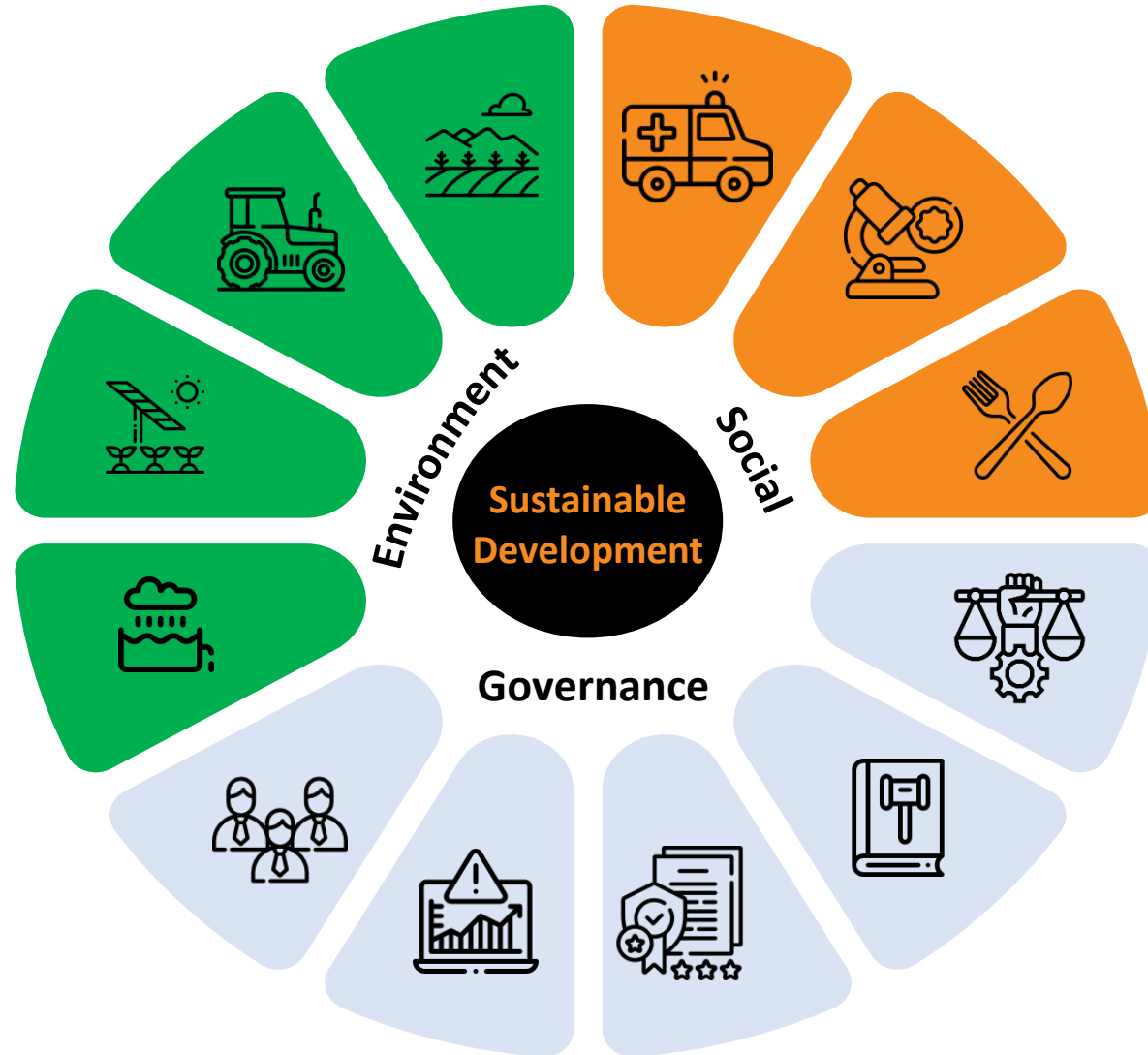
Excellence in Engineering Design 2019 | India's Most Trusted Companies Awards 2019 | Best Company of the Year Material Handling 2019 | Top Wealth Creators, 2019 Fortune India | Best Training Initiative Award Infrastructure Sector 2019 | Brand Excellence-Construction Equipment Industry | Dream Companies to Work for Construction Sector 2019 | Employee Engagement Strategy HR Association of India 2019 | Best Resourcing Strategy Award 2019 | India's Greatest Leaders 2019 | India's Best Company of the Year Award 2018

ACE Sustainability Framework



ENVIRONMENT

- Rainwater Harvesting System
- 1.8 MW Solar Power generation at the Manufacturing Site
- Upgradation of products with BS-IV Engines
- ~25 acres of Green area inside the Site
- Waste Disposal and Recycling – Recycled Water used for Irrigation



SOCIAL

- ACE Free Emergency Response Service
- Subsidized Food Facility for Needy
- Subsidized Pathology Laboratory Services for Below Poverty Line Families
- Training of People and Providing Jobs

GOVERNANCE

- Ethics and Integrity
- Code of Conduct
- Sustainability, Compliance & Review
- Strategic Risk Management
- Board Approved Policies to Guide Strategy and Action

Established Brand with over 28 years of Industry presence

Flexibility and Quick Change Adaptation

Highly Experienced and Professional Team

Rugged Products with Superior Functional Parameters

In-house R&D Centre Working continuously towards Product Upgradation, Development of New Products and Value Engineering

Total Industrial land of ~90 acres with 15 acres of land still available for capacity expansion

High Operational Efficiency with Low Fixed Cost

Low Leverage with a Credit Rating of AA (Stable)/A1+ by ICRA

Customer Relationships with In-depth Market Intelligence

Value for Money Equipment with Focus on Quality and Reliability

Fastest Service and Product Support through a Countrywide Network Equipped with Genuine Parts and Trained Engineers

Customized Solutions for Specific Requirements

Dedicated Training Centre to provide operation and maintenance training to Dealer and Customer Personnel

A white skid steer loader is shown in a dark, monochromatic setting, dumping a large pile of material from its bucket. The loader is positioned on a mound of the same material. The background features a series of rounded hills under a dark sky. The text 'Growth Drivers' is overlaid on the right side of the image, preceded by a vertical orange bar.

| Growth Drivers

Sectoral Growth Drivers



Urban Infra

- Total Capex outlay increased by 11.1% to approx. INR11.11 lakh crores in FY25 interim budget; major outlay for roads at INR 2.72lakh crore and railways at INR2.52 lakh crore.
- Investment of INR 75,000 Crs, for one hundred critical transport infrastructure projects, for last and first mile connectivity for ports, coal, steel, fertilizer, and food grains sectors.
- Urban Infrastructure Development Fund (UIDF) will be established through use of priority Sector Lending shortfall, which will be managed by the national Housing Bank, and will be used by public agencies to create urban infrastructure in Tier 2 and Tier 3 cities.
- Allocation of INR 10,400 Crs towards investment in Smart Cities Mission for FY24.



Railways

- Implementation of three major economic railway corridor programs and Expansion of Metro Rail and NaMo Bharat to be supported in large cities, focusing on transit-oriented development.
- 400 new Vande Bharat trains to be developed in the next three years and 'One Station-One Product' to help local businesses and supply chains
- Construction of Dedicated New line projects will be getting an allocation of INR 31,850 Crs and National High Speed Rail Corporation Limited will be allocated INR 40,184 Crs.



Manufacturing

- The Manufacturing sector of India has the potential to reach US\$ 1 Tn by 2025.
- PLI in 14 sectors for achieving the vision of 'Atmanirbhar Bharat' with the potential to have additional production of INR 3,00,000 Crs during next 5 years.
- Industrial Capex cycle has revived owing to other initiatives such as 'Vocal for Local' and 'China +1 Strategy.'



Roads

- As per Budget 2023-24 Expansion of the National Highways network by 14,000 km in FY24, INR 20,000 Crs to be mobilised through innovative ways of financing.
- The roads sector is likely to account for 18% capital expenditure over FY 2019-25 and Roads worth \$200 Bn to be built in next 2 years.
- NHAI is coming up with 23 new highways including network of expressways and economic corridors by March 2025.
- The Central Government awarded a total of 322 projects to construct more than 13,000 km roads under the 'Bharatmala Pariyojana' and 3.71 lakh kms under the PMGSY.



Housing

- Outlay for PM Awas Yojana is being enhanced by 66% to over INR 80,671 Crs.
- Real estate sector in India is expected to reach a market size of US\$ 1 trillion by 2030 and contribute 13% to the country's GDP by 2025.
- Retail, hospitality, and commercial real estate are also growing significantly, providing the much-needed infrastructure for India's growing needs.
- Housing scheme for middle income class who are currently renting premises to enable them to buy or build their own houses coupled with 2 crore additional houses to be built under the Pradhan Mantri Awas Yojana (Grameen) will offer a significant boost to construction activities

Launch of PM Gati Shakti Plan, a INR 100 lakh Crs national infrastructure master plan, building a foundation for holistic infrastructure.

Sectoral Growth Drivers



Agriculture

- In the 2024-25 Union Budget, Ministry of Agriculture and Farmers' Welfare has been allocated INR 1,27,000 Crs. The government has given a clear signal to rural India that it is committed to their cause.
- Indian tractor market stands at ~9,45,000 units and the Indian agricultural tractor market is anticipated to grow at a CAGR of 8.9% over the forecast period 2022-2027.
- Budgetary allocation to Rural Development, Irrigation Projects and Subsidies coupled with credit availability will induce increased demand.



Logistics

- 5 Multimodal Logistics Parks at four locations through PPP mode contracts to be awarded in FY24.
- The government had decided to set up as many as 35 Multi Modal Logistics Parks, at a total capital cost of INR 50,000 crore.
- One hundred PM Gati Shakti Cargo Terminals for multimodal logistics facilities will be developed till 2025.
- The logistics market in India is forecasted to grow at a CAGR of 10.5% between 2019 and 2025.
- The deeper penetration into Tier II, III & IV towns and the National Logistics Policy promise an efficient and integrated logistics industry in coming years.



Warehousing

- Supportive Government policies such as establishment of logistic parks and free trade warehouse zones is expected to spur the market growth through 2025.
- 30 Mn square ft of warehousing space is expected to be added to the existing 86 Mn square ft in 2023.
- Indian warehousing and logistics sector is expected to attract ~\$10 Bn investments over the next 4-5 years.



Airports

- 200 low cost airports being built in next 20 years.
- India's aviation industry is expected to witness INR 35,000 Crs (US\$ 4.99 Bn) investment in the upcoming years.
- 50 additional airports, heliports, water aerodromes and advance landing grounds will be revived for improving regional air connectivity.
- The Indian Government is planning to invest US\$ 1.83 Bn for development of airport infrastructure along with aviation navigation services by 2026.



Ports

- The Ministry of Ports, Shipping and Waterways aims to complete projects worth INR 2,00,000 Crs in the next financial year under the Sagarmala Programme.
- The Government has included 1,537 projects under the ambitious Sagarmala Programme at a cost of INR 6,50,000 Crs.
- Projects worth INR 13,308.41 Crs were awarded in the last three years on upgradation of the major ports.

The Government of India has allocated US\$ 1.4 Tn under the National Infrastructure Pipeline for FY 2019-25.

Opportunities & New Products



Fully Electric Mobile Crane



Aerial Work Platforms



180 Tons Crawler Crane



Telehandler

- ACE intends to increase the contribution of exports in total revenues to a significant share over the medium term
- Tapping Opportunities in the Defence Sector
- Increasing Utilisation Levels of Construction Equipment.
- New Product Launches:
 - India's First Fully Electric Mobile Crane
 - India's Largest Mobile Crane - 180 Tons Crawler Crane
 - Aerial Work Platforms and Telehandlers.
 - 35 Tons 4X4 Next-Gen Crane.

Evolving Opportunities



Increased Export Revenue coupled with opportunities in Defence Sector, and increasing utilisation levels of Construction Equipment and Agri business are moving the Company towards counter cyclical domain.

- Indian Defence : Customised Cranes, Forklifts, Skid Steer Loaders, Multi Purpose Tractors, Tele handlers and special mobile equipment.
- North Eastern States : Increased focus on Infra development.
- Foray into AWP segment (Aerial Work Platforms).
- NX Series – Next-gen Cranes.

Evolving Opportunities – Defence Sector



Evolving Opportunities - Exports



Forma Range of Tractors

Backhoe Loader – Phantom 4x4

- ▶ ACE intends to increase the contribution of exports in total revenues to a significant share over the next 2-3 years
- ▶ Accordingly, ACE launched Forma Range of Tractors and Backhoe Loader “Phantom 4x4”, especially designed for International Markets
- ▶ ACE’s products have been upgraded to new emission norms BS IV CEV which is at par with the European standards. This will help the company increase its sales and open up new opportunities in international markets

The ACE logo is located in the top right corner of the image. It consists of the letters 'ACE' in a bold, sans-serif font, with a vertical orange bar to the left of the letters. The background of the entire image is a collage of construction and agricultural machinery in grayscale, with white diagonal lines separating the different scenes.

Business Overview

Cranes



Average Selling Price:
INR ~18-20 lacs



Average Selling Price:
INR ~1.1-1.6 crore



Average Selling Price:
INR ~100-125 lacs

► Pick & Carry Cranes

- **Market leader – 63% market share**
- Versatile equipment and are used for a wide range of lifting needs, both on and off roads
- High quality offering with equitable pricing
- Capacity class: 9 Tons to 30 Tons
- **Sectors: Infrastructure, Construction, Manufacturing, Logistics**

► Crawler Cranes

- **Market Leader (up to 75 Tons)**
- Crawler / Track Mounted Slew Cranes for rough terrain and off-road heavy lift applications
- Capacity class: 25 Tons to 180 Tons
- **Sectors: Infrastructure, Construction**

► Truck Cranes

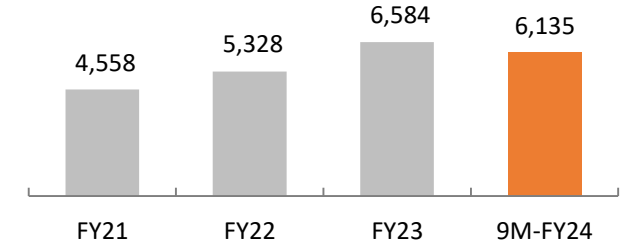
- **No. 3 position in India**
- High mobility on road and off-road cranes for heavy lift applications
- Capacity class: 25 Tons to 60 Tons (80 Tons under development)
- **Sectors: Infrastructure, Construction, Logistics**



Crane Revenue (INR Mn)



Products Sold – Volume



Average Capacity Utilization ~ 85-90%

Cranes



Average Selling Price:
INR ~60-65 lacs

▶ Fixed Tower Cranes

- **Market Leader – 60% + market share**
- **Application:** Lifting, shifting, concreting and erection jobs at civil construction sites
- **Capacity Class:** 5 Tons to 25 Tons (Lifting Heights: up to 300 meters)
- **Sectors:** Infrastructure, Construction (especially Real Estate)

▶ Self Erecting Tower Cranes

- **Market Leader – 75-80% market share**
- **Application:** Lifting, shifting, concreting and erection jobs at civil construction sites for low to medium height projects
- **Capacity Class:** 24 meters to 36 meters heights
- **Sectors:** Infrastructure, Construction (especially Real Estate)



Average Selling Price:
INR ~21 lacs

▶ Lorry Loader Cranes

- **Market Leader**
- **Application:** Truck mounted Straight Boom and Knuckle Boom Cranes for light lifting, loading and shifting applications
- **Capacity Class:** 6 Ton meters to 50 Ton meters
- **Sectors:** Infrastructure, Construction, Logistics



Average Selling Price:
INR ~11 lacs



Innovations- Patented Technology



▶ NXP Series – Multi Activity Cranes

- 2 Applications in Price of one machine
- Manlift cum Pick N Carry
- 60-70% lower cost
- 21 Meters & 24 Meters
- Safer / Stable than Aerial Platform
- ARAI approved – No RTO problems
- Self Mobile – No Transportation Cost

▶ NX 360° Series – Multi Activity Cranes

- 2 Applications in Price of one machine
- Slew Crane cum Pick N Carry
- Precision and Easy erection / handling
- 50% lower cost compared to slew cranes
- Compact size for tight sites
- 15 Tons & 20 Tons

▶ FP-210 – Piling Crane

- 2 in 1 Crane
- Works as Pick & Carry Crane and can be used for Piling jobs such as:
 - Cage Handling
 - Concreting and
 - Casing Removal
- 60-70% lower cost

Industry Overview

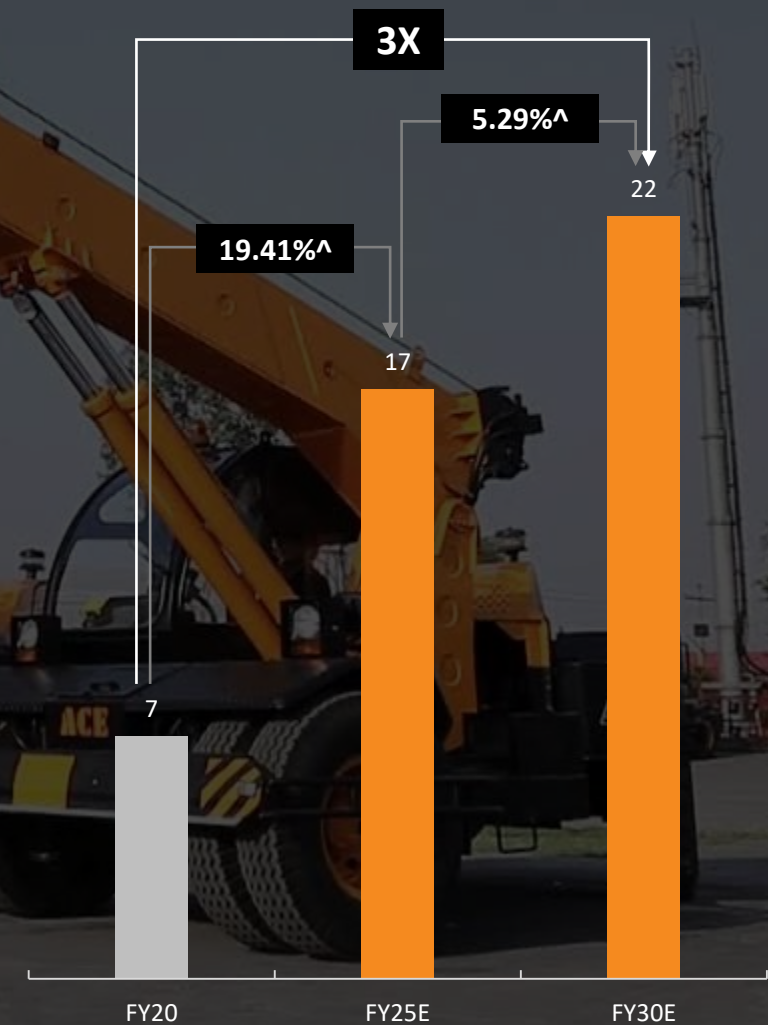
Cranes

- Asia Pacific Crane market is projected to register the highest CAGR from 2020 to 2027 owing to growing construction activities in emerging economies, such as China, India, and the Philippines.
- Key factors driving the demand mobile cranes market is the rising investments in infrastructure development
- The Crane market is estimated to increase by 142% between FY20 and FY 25.
- Manufacturing sector with US\$ 1 Trillion potential by 2025 will be another major driver for Cranes, apart from upcoming industrial capex cycle.

ACE Strategy and Initiatives

- Focus on increasing capacity utilisation from 60% .
- Capitalise on buoyant demand and strong replacement market.
- Upgrade the market wherever possible to NX Series – Multi Activity Cranes.
- Gain market share in Truck Cranes by leveraging on strong brand equity.
- Introduce bigger models of Crawler Cranes.
- Capitalise on demand for bigger capacity Tower Cranes (Precast Construction).
- Increase the export contribution to revenue.

Crane Units (000's)*



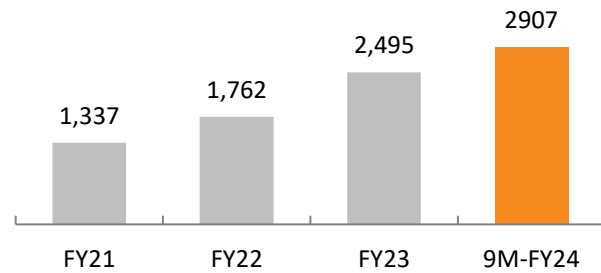
Source: Mordor Intelligence, Grand View Research, ICEMA Vision 2030
 *Referred to as Material Handling Equipment in ICEMA Vision 2030

^ 5 year CAGR

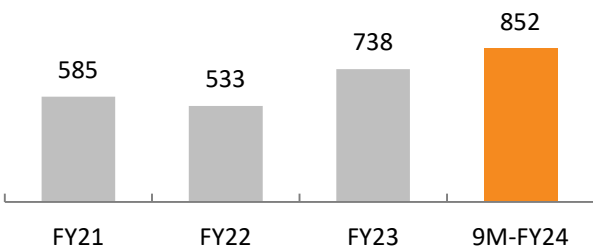
Construction Equipment



Construction Equipment Revenue (INR Mn)



Products Sold – Volume



Average Capacity Utilization ~ 55%



Average Selling Price:
INR ~22-24 lacs



Average Selling Price:
INR ~22-24 lacs



Average Selling Price:
INR ~60-70 lacs



Average Selling Price:
INR 2~3 crores

▶ Backhoe Loaders

- Used for digging, moving, grading and loading earth and other loose aggregates
- Backhoe Loaders come in both 2WD / 4WD configurations
- Cost effective, rugged and reliable
- **Sectors: Infrastructure, Construction, Mining, Manufacturing**

▶ Vibratory Rollers

- Used to compact aggregates and asphalt and also find application for ground compaction / stabilisation
- Capacity Class:
 - Soil compactors - 10 Tons to 12 Tons
 - Tandem Rollers - 3.5 Tons and 9 Tons
- **Sectors: Infrastructure, Construction**

▶ Motor Graders

- Used for Levelling and Grading aggregate layers in Road Construction
- Capacity Class: 100 – 173 HP
- **Sectors: Infrastructure, Construction, Mining**

▶ Piling Rigs

- ACE offers Rotary Piling Rigs in tie-up with Sunward
- Used for Piling application / foundation work
- Capacity Class: 60 Kn to 600 Kn Torque
- **Sectors: Infrastructure, Construction (Specially Elevated construction)**

Industry Overview



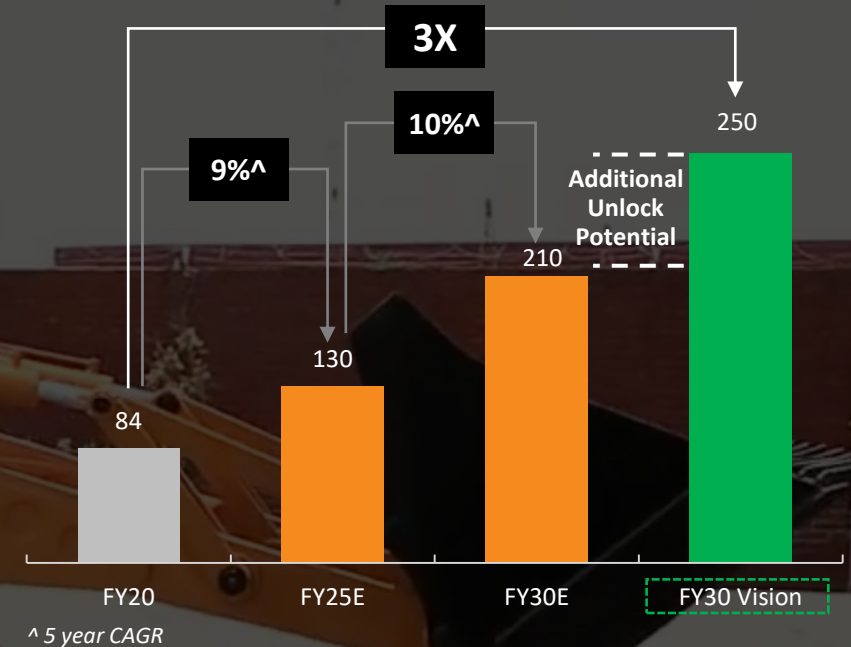
Construction Equipment

- Key factors driving the growth in Construction Equipment market is the rising investments in infrastructure development.
- The growing population in emerging economies such as India has resulted in increased residential and commercial construction activities.
- The construction machinery market has witnessed significant growth in the recent past, owing to the increased road development programs undertaken by the central and state government.
- Around 100,000 construction equipment are expected to be sold in the local market by 2022-23 an increase of 22-25% from the previous year.
- The construction equipment industry is expected to grow by 10-15% in FY24.
- Tier-2 / Tier-3 cities and rural areas witnessing increased use of Backhoe Loaders.

ACE Strategy and Initiatives

- Backhoe loader is one of the key focus products for ACE due to significantly large addressable market size of INR 8,000 – 9,000 Crs.
- Leverage existing Sales & Service network to grow the Construction Equipment business.
- Achieve an annual growth rate of over 50% for the next 3-5 years.
- Tap the export potential – launched a new backhoe loader with Perkins engine for the European Markets.

Indian Construction Equipment Industry Units (000's)



- ▶ India is the 3rd largest CE market globally
- ▶ The market volume is expected to grow 3x over the next 10 years
- ▶ The CE market is expected to be one of the champion exporting sectors for India

Material Handling Equipment



Average Selling Price:
INR ~10-11 lacs

▶ Forklift

- **India's leading Forklift Manufacturer.**
- ~ 19% market share.
- Capacity Class:
 - Diesel Forklift - 1.5 Tons to 35 Tons
 - Electric Forklift 1.5 Tons to 8 Tons
 - LPG Forklift – 2 Tons to 5 Tons
- In collaboration with Doosan - Korea ACE also offers premium range of Forklifts in the Country.
- Wide range of attachments to suit industry specific applications and operations.
- **First to develop and supply Li-ion technology Electric Forklift Trucks in India.**
- **Sectors: Manufacturing, Logistics, Construction.**



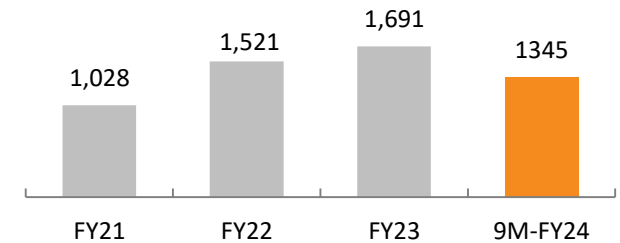
Average Selling Price:
INR ~ 50K - 5 lacs

▶ Warehousing Equipment

- Warehousing Equipment used in diverse spectrum of industries such as manufacturing, defence, ports, power, logistics, infrastructure and aviation.
- High quality and technically advanced Warehousing Equipment, adept to perform various tasks such as loading, unloading & stacking of material as well as distribution and horizontal support.



Material Equipment Revenue (INR Mn)



Products Sold – Volume



Average Capacity Utilization ~ 70-75%

Industry Overview



Material Handling Equipment

- GDP growth, manufacturing expansion and mechanisation to enhance the market size.
- Increased investments in Logistics and Warehousing activities to drive sales.
- Manufacturing sector with US\$ 1 trillion potential by 2025 will be another major driver for growth.
- Industrial capex cycle coupled with increased private sector participation and opening of FDI will expand the MHE market.

ACE Strategy and Initiatives

- Target to increase market share to 25% over the next 2-3 years.
- Further increase penetration by increasing the Network and Customer touch points.
- Penetration into the premium segment with Doosan – Korea range.
- Increased penetration with Electric Forklifts – specially Food, Beverages and Pharma industry.

Source: Mordor Intelligence, Grand View Research, ICEMA Vision 2030

Source: Mordor Intelligence, Grand View Research

Agricultural Equipment

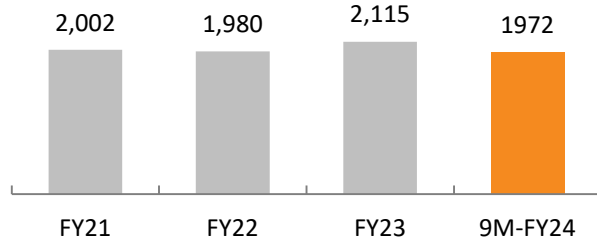


Average Selling Price:
INR ~ 5-9 lacs

▶ Tractor

- Used for agricultural activities, and also for construction and industrial haulage
- Capacity Class: 35 HP to 90 HP (in both 2WD / 4WD configurations)
- Around 200 dealers for tractor across India
- Started with states such as Haryana, Uttar Pradesh, Rajasthan and Punjab and now have presence in Chhattisgarh, Jharkhand, Bihar, west Bengal, Assam, Karnataka, Andhra Pradesh, Maharashtra and Gujarat
- **Already captured more than 10% market share for tractors in Assam**

Agri Equipment Revenue (INR Mn)

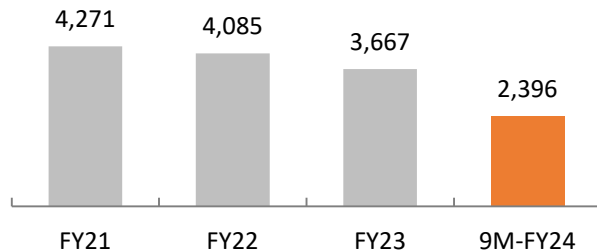


Average Selling Price:
INR ~ 17-20 lacs

▶ Harvester Combines

- **No. 2 position in Track Combines in the Country**
- Suitable for Wheat, Paddy, Soyabean, Gram, Mustard Sunflower Crops etc.
- Engine Power – 62 HP to 101 HP
- Major markets – Andhra Pradesh, Telangana, Karnataka, Odisha and Tamil Nadu

Product Sold – Volume



Average Capacity Utilization ~ 35-40%



Average Selling Price:
INR ~ 0.70 - 1 lacs

▶ Rotavator

- Tractor Rotary Tillers are farmers choice for optimum field preparation
- They offer versatility & superior performance for jobs such as tilling preparing large fields

Industry Overview



Agricultural Equipment

- India is one of the largest tractor markets in the world, selling ~ 8,00,000 tractors per annum on average and the Indian tractors market is projected to witness a CAGR 4.5% between 2020 and 2025.
- Government initiatives regarding rural development and farm mechanization, along with other factors such as enhancing rural wages and scarcity of farm labour are likely to fuel the tractor demand over the long term.
- Government's focus on doubling MSP and increased production of cash crops will enhance purchasing power of the farmers.
- Harvester segment is the second-largest application segment after Tractors, with the market in India projected to register a CAGR of 10.6% during 2020-2025, owing to the rise in agricultural activities and increased mechanisation.
- Large number of custom hiring centres are being setup across the country resulting in enhanced consolidated demand.

ACE Strategy and Initiatives

- Strengthening Distribution Channel.
- Enhancing International presence – SAARC markets, Myanmar, Iraq, Sudan, Tunisia, East Africa and Ethiopia.
- Launched Forma Range of tractors - dedicated products for international market
- Increased market penetration with launch of Orchard Special Tractor (26 HP, 4 WD) and Next-gen Light-weight Harvesters.
- Financial tie-ups with scheduled commercial banks and NBFCs including SBI, PNB, IndusInd Bank, Cholamandalam Finance, Sundaram Finance, Magma Fincorp, Adani Finance etc. to provide financing to the customers.



The title 'Financial Overview' is centered on the slide. It is preceded by a vertical orange bar. The text is in a white, sans-serif font. The background features a dark grey, semi-transparent overlay of various financial charts, including a candlestick chart at the top right and several bar charts below it.

Historical Consolidated Financial Performance



Particulars (INR Mn)	FY21	FY22	FY23 [^]	9M-FY24
Total Income*	12,425	16,404	22,008	21,341
Total Expenses	11,083	14,782	19,387	18,043
EBITDA	1,342	1,622	2,621	3,298
EBITDA Margins (%)	10.80%	9.89%	11.91%	15.45%
Depreciation	139	154	180	165
Finance Cost	122	95	103	125
PBT	1,081	1,373	2,338	3,008
Tax	283	323	608	710
Profit after Tax	798	1,050	1,730	2,298
PAT Margins (%)	6.42%	6.40%	7.86%	10.77%
Other Comprehensive Income	8	(3)	0	3
Total Comprehensive Income	806	1,047	1,730	2,301
EPS (Diluted INR)	7.03	9.02	14.41	19.29

* Total Income includes Other Income

[^] Other Income includes one-time exceptional item of INR 197.6 Mn

Historical Consolidated Balance Sheet

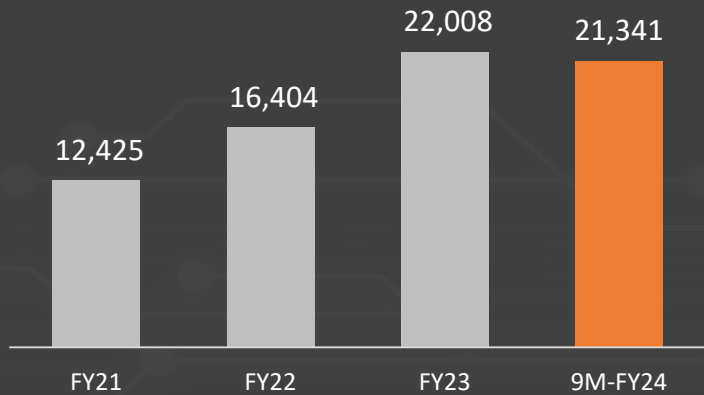


Equities & Liabilities (INR Mn)	FY22	FY23	H1-FY24
(A) Share Capital	238	238	238
(B) Other Equity	7,303	8,948	10,207
Non Controlling Interest	2	16	17
Total - Shareholder Funds	7,543	9,202	10,462
Non Current Liabilities			
(A) Financial Liabilities			
(i) Borrowings	-	-	-
(ii) Lease Liabilities	13	7	4
(B) Provisions	23	27	30
(C) Deferred tax liabilities (Net)	135	133	128
Total - Non – Current Liabilities	171	167	162
Current Liabilities			
Financial Liabilities			
(i) Borrowings	292	62	598
(ii) Trade Payables	4,127	5,009	5,754
(iii) Other Financial Liabilities	212	231	236
(iv) Lease Liabilities	5	6	5
(D) Other current liabilities	419	1,296	1,425
(E) Provisions	18	25	30
(F) Current tax liabilities (Net)	37	-	46
Total – Current Liabilities	5,110	6,629	8,094
Total Equity and Liabilities	12,824	15,997	18,718

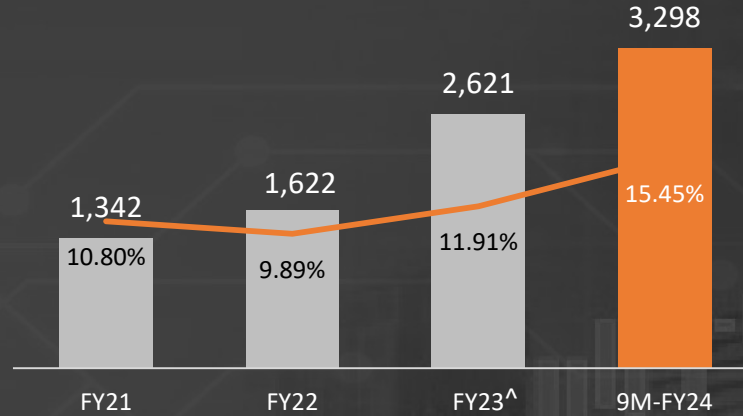
Assets (INR Mn)	FY22	FY23	H1-FY24
(A) Property plant & Equipment	4,355	4,723	5,006
(B) Capital Work in Progress	243	244	550
(C) Right-of-Use Assets	17	12	9
(D) Investment properties	118	115	114
(E) Intangible assets	27	25	28
(F) Financial assets			
(i) Investments	802	1,367	1,785
(ii) Other financial assets	163	348	176
(G) Other non-current assets	67	41	24
(H) Non-current tax assets (Net)	4	7	12
Total - Non – Current Assets	5,796	6,882	7,704
Current Assets			
(A) Inventories	3,334	4,185	5,400
(B) Financial assets			
(i) Investments	990	2,119	2,283
(ii) Trade receivables	1,887	1,693	1,731
(iii) Cash and cash equivalents	57	215	226
(iv) Bank balances other than (iii) above	86	275	588
(v) Loans	8	7	6
(vi) Other current financial assets	20	78	87
(C) Other Current Assets	646	543	693
(D) Current Tax Assets (Net)	-	-	-
Total current assets	7,028	9,115	11,014
Total Assets	12,824	15,997	18,718

Key Consolidated Financial Highlights

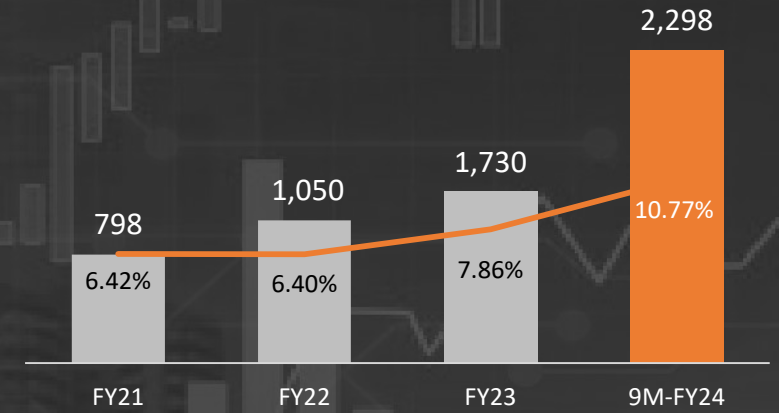
Total Income* (INR Mn)



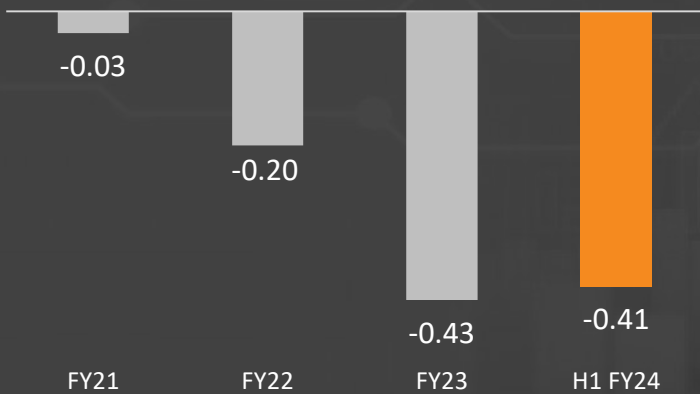
EBITDA and EBITDA Margins (INR Mn)



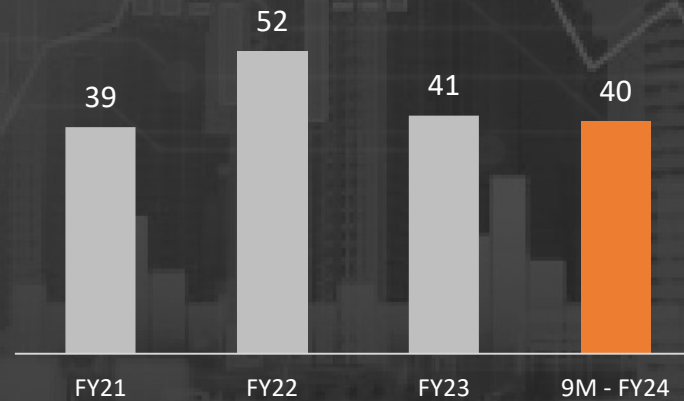
PAT and PAT Margins (INR Mn)



Net Debt to Equity (x)



Working Capital Days



Return on Capital Employed (%)



* Total Income includes Other Income

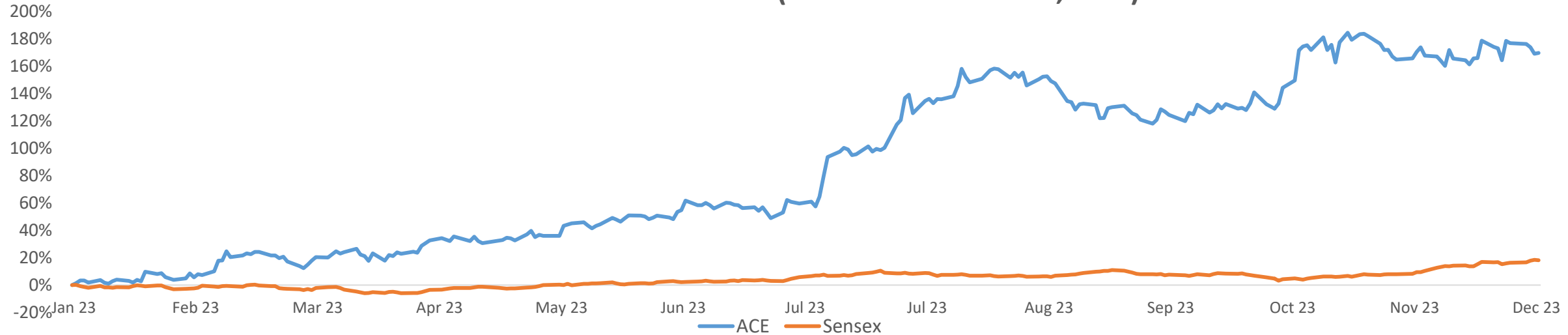
[^] EBITDA Margin includes one-time exceptional item of INR 197.6 Mn

[~] Annualized

Capital Market Data



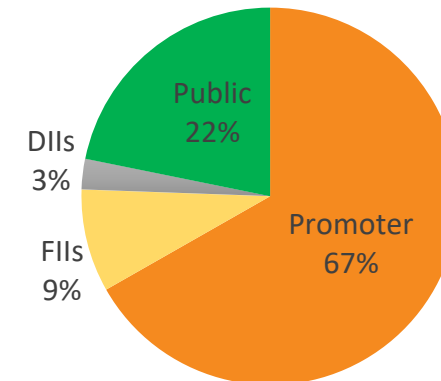
Stock Market Performance (as on 31st December, 2023)



Price Data (As on 31st December, 2023)

Face Value (INR)	2.0
Market Price (INR)	828.3
52 Week H/L (INR)	895.4/304.0
Market Cap (INR Mn)	98,650.6
Equity Share Outstanding (Mn)	119.1
1 Year Avg. Daily Trading Volume ('000)	533.4

Shareholding Holding pattern (As on 31st December, 2023)



Lifting India's Growth



Disclamier



Action Construction Equipment Limited

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THANK YOU

