Certification by ISO 9001:2015 14001:2015 18001:2007

SPARTAN SINCE 1971 Celebrating Engineering Excellence

Spartan® Faster~Safer~Reliable

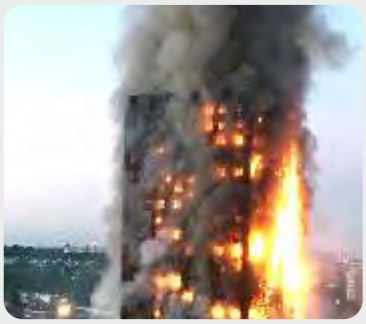
A Leader in 'Construction Hoists and Firemen Evacuation Lifts

DOES HIGH RISE FIRE SCARE YOU?



DOES FIRE CAUSE IMMENSE LOSS OF LIFE & ASSETS?





ARE YOU WELL EQUIPPED WITH THE RIGHT SOLUTION, IN CASE OF FIRE?



HOW WILL SENIOR CITIZEN, CHILDREN & PHYSICALLY CHALLENGED PEOPLE BE EVACUATED IN CASE OF FIRE?

ARE YOU TRAINED FOR EVACUATION IN CASE OF FIRE?



HOW WILL THE FIREMEN REACH YOU?





HAVE YOU TAKEN ANY PRECAUTION IN CASE OF FIRE?



IS YOUR FAMILY 'FIRE SAFE'?

SMOKE EQUALLY CAUSE DANGER ALONG WITH FIRE



FIRE ACCIDENTS LEADS TO PANIC & CHAOS





9,000+ CASUALTIES DUE TO FIRE ACCIDENTS PER YEAR



TOLL FREE

1800 3000 0150

Spares, Service & Product Enquiry

www.spartanindia.com

OTHER AVAILABLE SOLUTIONS

ALL THE AVAILABLE OPTIONS FOR FIRE EVACUATION ARE OBSOLETE



MAJORITY OF OPTIONS REQUIRES MORE MANPOWER





CANNOT REACH HIGHER FLOORS OF THE BUILDING



HIGHLY RISKY AND CAN BE FATAL

VERY TIME CONSUMING AND INCONVENIENT



THESE SECURITY/ INHOUSE FIREMEN LACK TRAINING AND EXPERTISE





CAN CARRY VERY FEW PEOPLE AT A TIME



FREE FALLING OPTIONS CAN CAUSE INJURY

VERY SLOW PROCESS FOR EVACUATION



UNSUITABLE FOR HIGH RISE AND CANNOT REACH TOP FLOORS



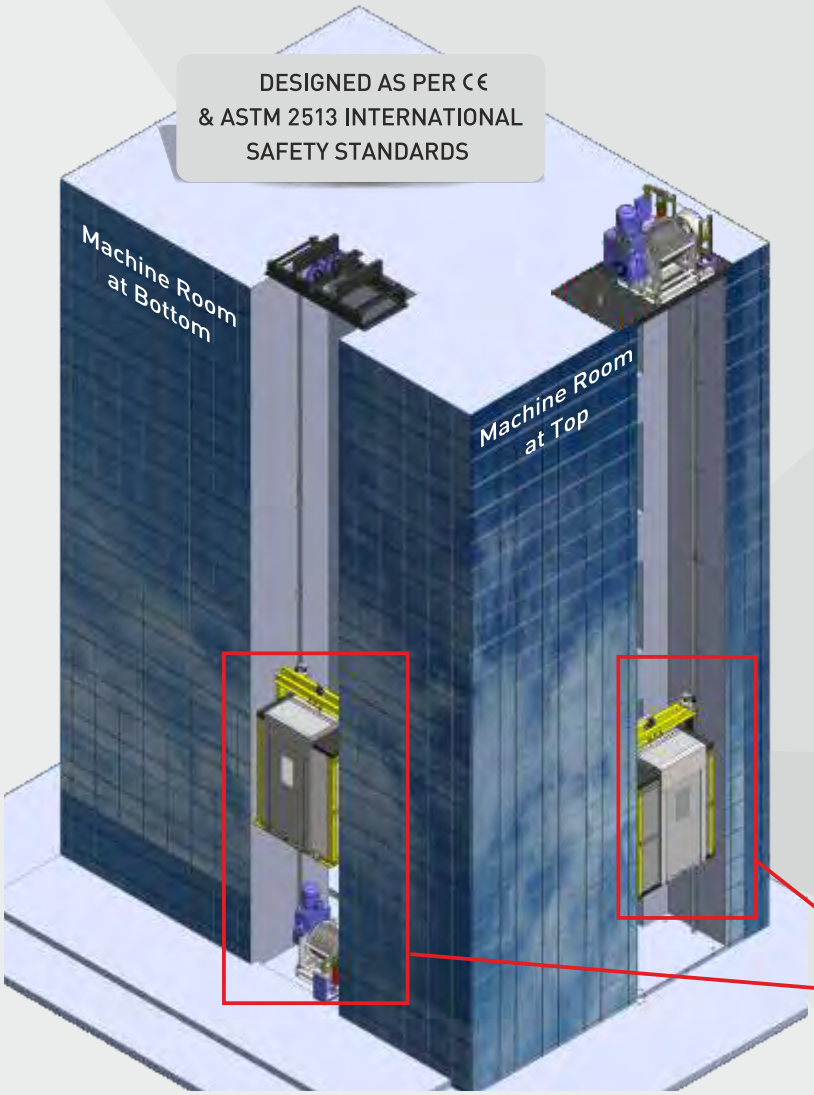


UNRELIABLE UNCERTIFIED OPTIONS AND CAN BE FATAL DUE TO HIGH SPEED



FOR BETTER AND ADVANCED SOLUTION FOR FIRE EVACUATION

CHOOSE INDIA'S FASTEST EMERGENCY FIREFIGHTING & EVACUATION SOLUTION



SPARTAN FIREMEN EVACUATION LIFT

- Spartan, a national leader in manufacturing of Construction Hoist has developed an Advanced Emergency Firemen Evacuation Lift.
- The key feature of this lift is, that it can be customised as per the design of the Existing or New Building and its made of fire proof panel which can withstand fire upto 2 hours, thus aiding in emergency evacuation of people trapped during the fire.
- It is suitable for all types of construction starting from three storey structure to 90 storeys.
- It is suitable for all types of structures like Residential & Commercial High Rise Buildings upto 400 mtr. height, Hospitals, Hotels, Factories, Refineries etc.
- Our Lifts adhere to the safety norms set by the CFO of Mumbai Fire Brigade.
- Currently PWD or BMC approvals are not required for this Firemen Emergency Lifts for new projects.



AWARDS WINNER



INNOVATION AWARD 2019
'FIRE INDIA 2019' EXPO
IN NEW DELHI

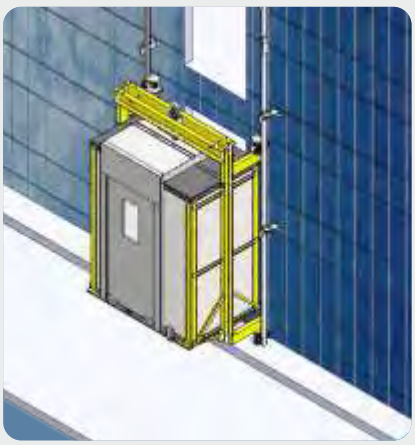


INEX - INNOVATIVE PRODUCT
DESIGN OF THE YEAR
FOR FIREMEN EVACUATION LIFT



BEST MD OF THE YEAR
DR. VIKRAM MEHTA

THE INSTALLATION OF SPARTAN FIREMEN EVACUATION LIFT COMES IN 3 TYPES



OUTSIDE THE BUILDING

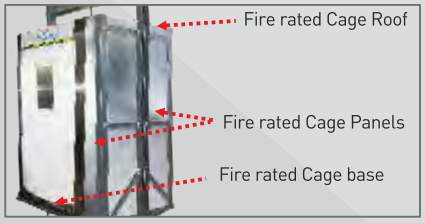


IN 'C' SHAPE DUCT



LIFT SHAFT

UNIQUE FEATURES OF SPARTAN FIREMEN EVACUATION LIFT



Fire Rated Cage: 2 Hours Fire rated & Insulated Stainless Steel thick Cage Panel is provided.



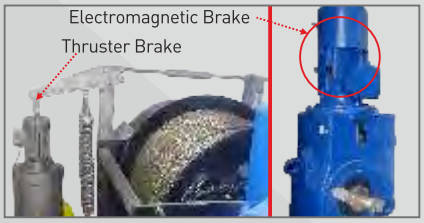
Ceramic Wool: It is provided to prevent fire and heat from entering the cage.



Nord Gear Box Motor: Imported, expensive & highly reliable German make Nord heli bevel Gear Box Motor comes with electromagnetic brake for better efficiency & safety.



Vertical Slide Door with Vision Panel: It comes with Easy effortless upper sliding type opening and closing of the door. It is made of 2 hour fire rated panels to prevent smoke from entering the cabin.



Electromagnetic Brake & Thruster Brake: 2 types of independent braking systems are provided. Both brakes work in sequence. Electromagnetic brake is connected with motor & additional Thruster brake is installed at the opposite side of the brake motor to add safety.



Wireless Remote Control: High range wireless remote control & transmitters are provided with features of Auto/ Manual mode, Floor selection, Display and emergency stop. This wireless technology eliminates the hanging cable to come in between machine room & cabin.



Digital Wireless Floor Calling Indication Display: Floor Calling Buttons are provided on each floor and the pressed floor is displayed on the screen inside the cage. The sequence aids the operator during evacuation.



Power Form Wire Rope: High strength wire rope is used for longer life and safety.



Control Panel Enclosure: It has Ingress Protection (IP) rating standard as per EN 60529 (British BS EN 60529:1992, European IEC 60509:1989) which blocks dust and water from entering inside. It has CE certified branded components of Schneider / Mitsubishi.



Encoder Assembly: It is provided for accurate floor stopping through encoder. Encoder assembly is mounted on drive unit which feeds data into PLC.



Limit switch Assembly: Top and bottom limit switches are provided to prevent over travel of the cabin.



Guide Roller: Spring loaded guide roller is provided for smoother ride.



Variable Frequency Device (VFD) VFD provides for Jerk free movement during start, stop & while in operation.



Over Speed Governor: It prevents free fall of cabin, incase breakage of lifting wire rope.



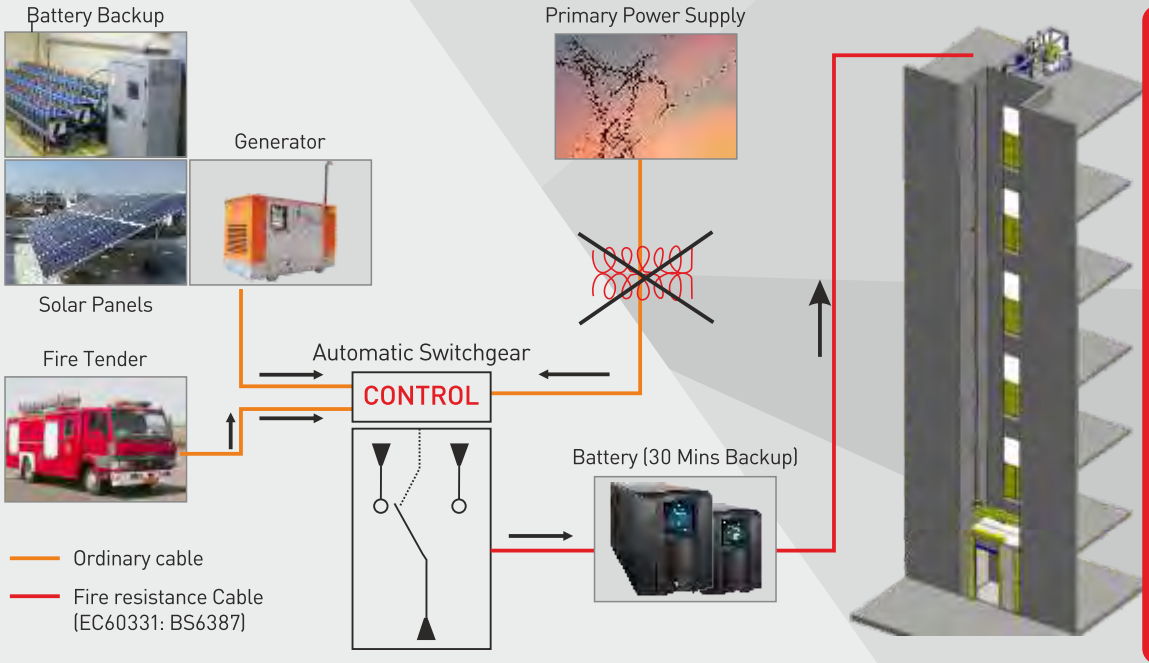
Landing Door: It can be customsied as per building layout. We can provide Half Door/ Full Door/ Fire Rated Full door.

SPECIFICATIONS OF SPARTAN FIREMEN EVACUATION LIFTS

Model	SFL 100	SFL 100E	SFL 150 (HS)
Description	Spartan's Firemen Evacuation Lifts		
Capacity	1 Ton	1 Ton	1.5 Ton
No. of Person	12	12	18
Max Height	0 to 120 mtr	0 to 300 mtr	121 to 300 mtr
Speed	60 mtr/ min.	60 mtr/ min.	60 mtr/ min.
	1 mtr/ sec.	1 mtr/ sec.	1 mtr/ sec.
Motor Power	26 kW	26kW	32 kW
Cage Size (L x W x H)	1.8 x 1.3 x 2.5 mtr	1.8 x 1.3 x 2.5 mtr	2.3 x 1.3 x 2.5 mtr

Note: The Cabin size can be customised as per the Building Layout & Site conditions in consultation with the Architect & Structural consultants.

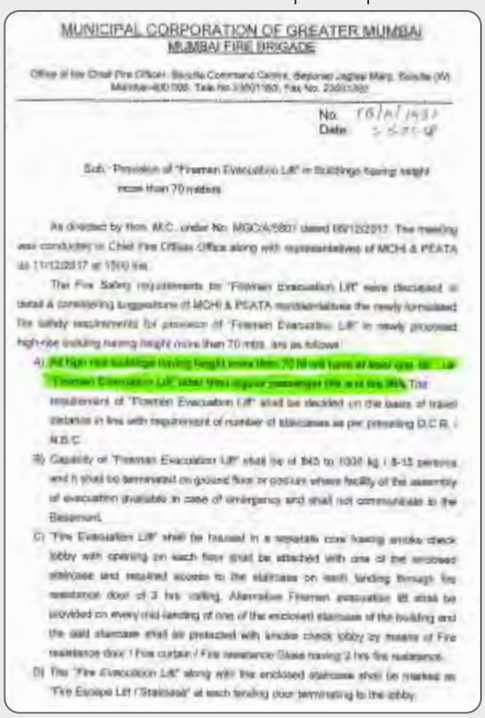
EMERGENCY POWER BACK UP SYSTEM LIKE GENERATOR/ SOLAR PANEL/ BATTERY BACKUP/ FIRE TENDER TO BE PROVIDED BY THE DEVELOPER



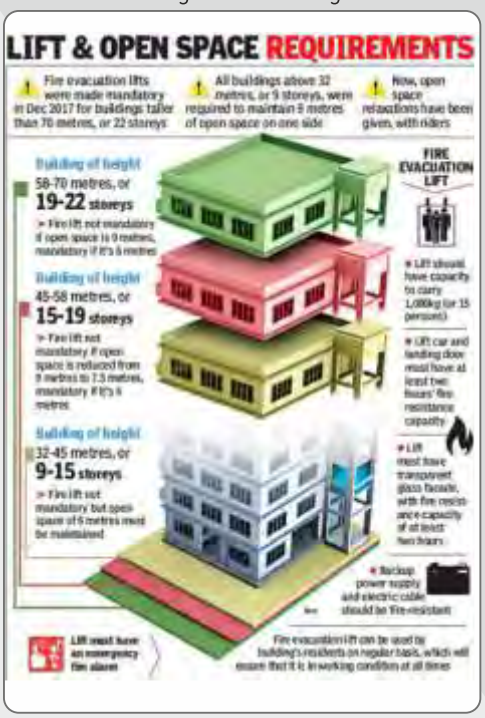
- In case of fire, there has to be separated primary power supply from all other facilities. Incase of failure of primary power supply automatic switchgear will start the generator and give power supply to fire evacuation lift control. So fire evacuation lift is always ready for use.
- In case of failure in DG, primary power supply lift can run for 30min, through the battery backup.
- It is mandatory to provide battery backup provision for 30 min for fire evacuation lift by builder / developer.

MANDATORY GUIDE LINES AND DIRECTIVES:

From Municipal Corporation and Mumbai Fire Brigade for installing Firemen Evacuation Lift in High Rise Building


MUNICIPAL CORPORATION OF GREATER MUMBAI
MUMBAI FIRE BRIGADE




LIFT & OPEN SPACE REQUIREMENTS

Fire evacuation lifts were made mandatory in Dec 2017 for buildings taller than 70 metres, or 22 storeys

All buildings above 32 metres, or 9 storeys, were required to maintain 9 metres of open space on one side

Now, open space relaxations have been given, with riders

Building of height 58-70 metres, or 19-22 storeys

Building of height 45-58 metres, or 15-19 storeys

Building of height 32-45 metres, or 9-15 storeys

FIRE EVACUATION LIFT

SPARTAN'S VISION & MISSION

CORE PURPOSE

To Enhance the Productivity, Speed and Safety in Construction and Infrastructure Industry by providing Advanced Mechanized Solutions, thereby saving their Money, Time and Efforts.

ASPIRATIONAL CORE VALUES

- Customer Service Above All Else.
- Always Telling The Truth.
- Contributing Back To The Ecosystem at Large.

CORE VALUES

- Passion for Perfection and Innovation.
- Employee Growth Through Continuous Self Improvement.
- Building Strong Relationship with Internal and External Customers.

BRAND PROMISE

Committed Fast Response to Build Close Relationship with the entire Eco-System!

SPARTAN'S VISIONARY LEADER



Dr. Vikram Mehta
Managing Director

Dr. Vikram Mehta is a young and dynamic second generation entrepreneur. He is an alumni of Wharton & Kellogg University who did his MBA from SP Jain and graduated in Production Engineering from Agnel, a premier institute in Mumbai.

He joined his father's business in the year 2005. He transformed his father's engineering business then, into a Construction Equipment manufacturing business.

He has introduced to India, one of the most advanced safe & innovative hoists like Multi-functional material hoists, making Spartan a renowned brand in India for Hoists. His innovation in Hoists has been rewarded by BAI (Builder's Association of India) by felicitating him with 'Navratna of Construction Industry'.

Dr. Vikram Mehta has lead Spartan to become a leading construction equipment brand. To extend Spartan's supremacy in engineering, Dr Vikram Mehta has initiated a noble cause of serving India by introducing life saving equipment through introducing range of Firemen Evacuation Solutions. Spartan is pioneer in bringing this engineering excellence with a mission to save the nation from the calamity caused due to fire, which has taken lives of more than 100 (can be edited) in last one year not to forget loss of crores of worth of property. He is passionate about these solutions and is determined to install these machines at every high rise building across India.

SPARTAN'S STATE-OF-THE-ART-INFRASTRUCTURE

Atgaon (Mumbai- Nashik Highway)





Spartan Infrastructure Factory & Plant at Atgaon
(Mumbai- Nashik Highway)

Spartan Engineering Industries Pvt. Ltd was founded in the year 1971 and has forayed in to the field of manufacturing and supplying construction equipment in the year 2005. Since its four decades of existence in Engineering Industry, Spartan has become a leading Indian MNC in construction Equipment Manufacturing.

Spartan is a Mumbai based leading ISO 9001 2015 certified manufacturer and supplier of high quality construction machineries and equipments like Bar Bending Machines, Bar Cutting Machines, Passenger And Material Hoists, Multi Functional Material Hoists, Rope Suspended Platforms & Lift Shaft, Multi-functional Minilifts, Garbage Collection Lift, CNC Stirrup Bending Machines, Spiral Bending Machines & De-coiling Machines etc..

During last couple of years, India has seen a rise in fire mishaps, especially in high rise residential buildings and commercial properties. This has caused lot of loss of human life and property. Many of these structures, either don't have any safe Fire Evacuation Lifts and if they are present, these lifts are not working well or these lifts are obsolete and not advanced in technology. Many of these lifts don't adhere to current fire safety norms. It cannot accommodate all types of citizens including women, elders, physically challenged etc. Considering the need of the hour and trying to find a solution to avoid such major life threatening disasters, Spartan has come up with range of Firemen Evacuation Solutions through Firemen Evacuation Lifts, Ascending Device and Controlled Lowering Device.

By Being in Engineering Industry and being a leader in manufacturing Construction Equipment. Spartan boasts of State-of-the-Art manufacturing facility at Atgaon on Mumbai-Nashik highway. It is fully equipped with world class equipments to manufacture an array of construction equipments & Fire Evacuation Lifts. It is spread across 5 acres with 1 lac Sq.ft. build-up Shed & Office.

CERTIFICATIONS OF EXCELLENCE

CE Certificate



Environmental Certificate



OHSAS 18001:2007



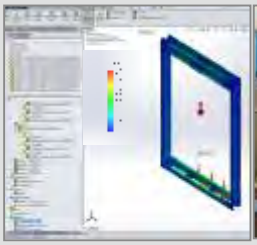
ISO 9001:2015



ARAI Certificate



RESEARCH & DESIGN DEVELOPMENT





Spartan Design & Development team consists of 20+ dedicated professionals with expertise in Engineering Design & Development.
Exhaustive Research is carried out for design of fire rated wall panels & other static & dynamic parts of Fire evacuation device as per worldwide accepted standards.
Our design team uses SolidWorks for 3d solid model design, static & dynamic analysis (FEA) of machine components & documentation. This ensures strength & reliability of all components & thereby gives the customer peace of mind.

CUSTOMER CARE

- We have well trained team of technicians having 10-20 years of rich hands-on experience with leading construction companies.
- We have experts from both mechanical & electrical background at each location to serve the customers 24x7.
- We have an in-house training facility to impart training on safe usage and maintenance of machines to our engineers and operators.



Customer Care Team



Customer Care Team



Machines Handovers to Customer

9 steps of Commissioning Process



ANNUAL MAINTENANCE CONTRACTS (AMC):

- AMC enhances Productivity, Speed and Safety of machines at work sites.
- It provides the customers with a schedule along with efficient services thereby saving Money, Time and Efforts on machine maintenance.
- Immediate availability of Engineers and Spare parts for AMC Customers on priority.

PREVENTIVE MAINTENANCE CONTRACTS (PMC):

- During PMC our experts check customer's machines, rectifying minor problems and suggest how to keep machine healthy and fit for operation. As a goodwill gesture it is free of cost.
- PMC assures machine's longer life and prevents any breakdown well in time.

ONSITE TRAINING & DEVELOPMENT

Our Customer Delight department helps you train your team on site, technical solutions for various issues related to work sites, safety audits of machines and all other things that are important to keep the machines in best condition.





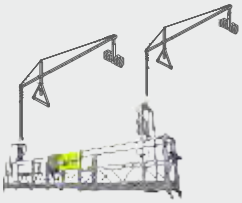
Leader in Construction Machinery:-



Bar Cutting Machine



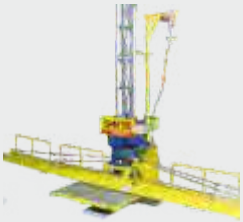
Bar Bending Machine



Rope Suspended Platform



Passenger & Material Hoist



Multi-functional Hoist Rebar Carrying Attachment

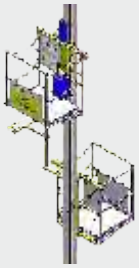
Pioneer in Evacuation Lifts:-



Firemen Evacuation Lift



Ascending & Descending Lift



Controlled Lowering Device



Fire Emergency Stretcher Lift

MILESTONES & AWARDS



'Innovation Award 2019'
Category: Vehicles & Ancillary Equipment
Fire India 2019 Expo, New Delhi



INEX - Innovative Product
Design Of The Year
For Firemen Evacuation Lift



Best MD of the Year
Dr. Vikram Mehta



'Excellence In Operations Award'
by 'Manufacturing Today'
for our Factory



Sarvottam Manufacturer of Passenger
& Material Hoist in Dubai by
'Builders Association of India'



'Top SME 100 Award'
by SME Chamber of Commerce



'Global Achievers Award'
for Excellence in Construction Machinery



International Trade Award for
'Construction Machinery Exports'



'Power Building Brands Awards'
for 'Machineries & Equipment'
by Realty Plus



'Sarvottam Manufacturer of Rebar Cut &
Bend Machines & Suspended Platforms'
by Builders Association of India (BAI)



'Best Success Story Award' of
'Entrepreneur Gurukul'
from SMM- ART Consultancy



'MD of the Year Innovative Building &
Construction Equipments' by
Global Real Estate Congress & ET NOW



'Business Excellence Award'
presented to Dr. Vikram Mehta from '
All India Business Association'



'India's Greatest Brands 2017-18
Pride of the nation Award' by Asia One &
PWC (Pricewaterhouse Coopers)



'Brand of the Year
in Plant & Construction Machinery'
By Realty+



"Top 200 MSMEs in India"
by Skoch Group



India's Small Giant 'Top SME 30 Award'
by Shri. Kalraj Mishra,
Hon'ble Union Cabinet Minister



'Merit Award' - Best Team
in Quality Concepts - Day 2



'Innovation Case Study Winner Award'
by Quality Circle Forum of India
Mumbai Chapter



'Kobetsu Kaizen - Golden Trophy Award'
for Reduce time on Wire Rope Winding
- Rope Suspended Platform



'Great Entrepreneur of India Award'
By 'Indian Organisation
for Commerce & Industry' New Delhi



'Young Indian Entrepreneurs 2018-19'
Award by AsiaOne and
Pricewaterhouse Coopers (PWC)



'Outstanding Company in MHEs
(Material Handling Equipments)'
by EPC World



'Innovation Case Study
Golden Trophy Award for IoT of
Rack & Pinion Hoists

SPARTAN ENGINEERING INDUSTRIES PVT. LTD.

Head Office: Spartan House, Unit No.: 111, 1st Floor, New Tejpal Industrial Estate, Andheri - Kurla Road, Sakinaka, Mumbai - 400072

Branch Offices: Mumbai | Noida | Bangalore | Hyderabad | Chennai | Kolkata | Pune | Ahmedabad

Domestic Dealers: Kochi | Jaipur | Nashik

SMC/2019/NOV/SFL/1000