

# SPARTAN ENGINEERING

REVOLUTIONIZING THE CONSTRUCTION INDUSTRY WITH SOPHISTICATED MECHANIZED SOLUTIONS

*A Mumbai-based manufacturer and supplier of high-quality construction machineries, Spartan Engineering is renowned for offering time-saving, cost-effective advanced mechanized solutions in the construction equipment manufacturing, emerging as the most reliable brand in its industry in India*

**H**aving ventured into the construction equipment manufacturing and supply domain in 2006, Spartan Engineering has made exceptional progress delivering quality construction equipment such as bar bending machines, bar cutting machines, man and material hoists, multi-functional material hoists, rope-suspended platforms and tower cranes that are a crucial driving factor for reliable infrastructure.

## TOP SAFETY MEASURES USING HI-TECH MACHINERY

Equipped with the top-class cutting-edge technology process machineries, Spartan's ultramodern manufacturing facilities help in manufacturing a range of competitive construction equipment that include all the required safety features with durability and sophistication. The company manufactures tower crane at its Atgaon factory in India and uses European gear box motor and hi-tech electrical control panel with variable frequency drives (VFDs) to save on power and thus develop a robust and maintenance-free product with top-class safety aspects. Spartan's Atgaon plant takes care for better availability and smooth supply of tower cranes to meet their ever-growing demand in India.

An ISO 9001:2008 certified manufacturer of vertical reach equipment, Spartan manufactures different models of passenger and material hoists with a weight-carrying capacity of 500 kgs to 2 ton, used in the construction of medium- and high-rise structures. All its hoists install centrifugal safety device are activated by centrifugal force, which stops the hoist on exceeding a specified speed limit. The programmable logic controller uses various indicators like VFD trip, limit switch failure, phase failure exit door, etc. These equipment also contain mechanical lock and electric sensors as security features in critical areas like entry/exit

door, trap door, erection platform, etc. In its effort to revolutionize material movement for projects up to the height of 70 metres, the company has come out with Spartan Multifunctional Minilift (SML 100) with electromagnetic brake system, which prevents free fall in case of power failure giving high performance and efficiency.

## INCOMPARABLE EXPERTISE

A professionally managed company with the reputation of manufacturing quality construction equipment, Spartan ensures that all its machines go through rigorous test procedure by doing test runs so that clients are supplied the best products delivering optimum performance. The company employs highly dedicated technical experts in engineering design and development as its design and development team that ensures that all its manufacturing activities like designing, fabrication, machining, assembling, testing, finishing and dispatch in-house are vertically integrated and tested through

## TECHNICAL

stringent quality parameters. The team is equipped with the requisite modern 3D design software like SolidWorks and works in parallel with Spartan's business development team to develop and launch innovative products that successfully meet the requirements of the market.



Bar Cutting Machines



Bar Bending Machines



Multifunctional Minilift (SML)



Rope Suspended Platforms (SRP)



Single and Twin Passenger & Material Hoists



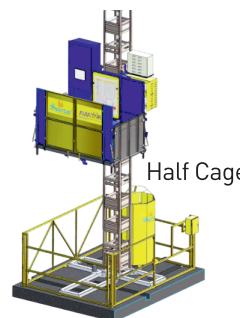
Firemen Evacuation Lift



Full Cage



12 mtr. long Rebar carrying capacity Attachment



Half Cage

Multi-functional Hoists