

Effortless Rope Way Drive for Industry / Agriculture

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Abstract: *This project is to get possible solution for current chaos of transportation system in Surat. To provide pollution free, electric cable car transportation system. To get rid of traffic and nuisance of traffic. The idea is flexible enough that it can be provided in the normal traffic heavy road of any city area. We can design more comfortable and futuristic cable car or say cabin in which passengers travelling through one spot to another. It should be design for more passengers with more comfort ratio. A ropeway drive refers to the propulsion mechanism in aerial cable or ropeway systems used for transporting passengers or goods along suspended cables. These drives typically involve motorized systems that pull haul ropes or directly engage track ropes to move cabins efficiently over varied terrain. Engineering abstracts often highlight innovations in friction-based clamping, chain-driven propulsion, or energy-efficient electric motors to ensure safety and reliability.*

Keywords: *transportation system*