

Safety Equipments

COMPACT TRACTION MACHINE UNIT

This is the heart of all traction Elevators and consists of reduction gear, lift duty motor, brake and a traction sheave. Unit Design for V3f drive with fail safe type Electro-magnetic shoe brake and low vibration, jerk less operation and low power consumption.



SPEED GOVERNOR

A mechanical speed control mechanism, for elevator, it is a wire-rope driven centrifugal device use to stop and hold the moment of its driven rope. It opens a switch which cuts off power to the drive motor and brake if the car travels at a preset overspeed in the down direction.



GUIDE RAIL

Guide Rail is a steel T-section with machined guiding surfaces installed vertically in a hoistway to guide and direct the course of travel of an elevator car and elevator counterweights. A quality guide rail ensure the smooth and long lasting travel of an elevator car.



AUTOMATIC RESCUE DEVICE (ARD)

When the power failure or elevator control system breaking down occurs, this device will automatically sense the failure, take over elevator control and drive it to the nearest floor, open car door and allow passengers exit safely.

