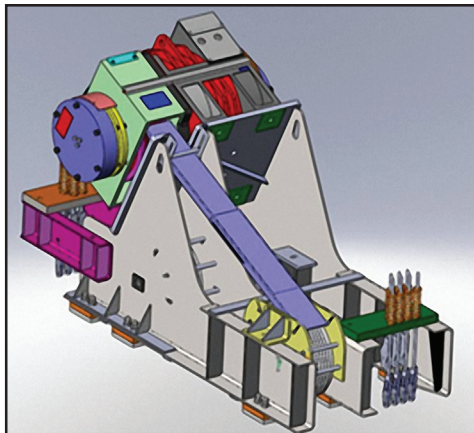


# PM GEARLESS MACHINES

Picture is for illustration purposes only.  
Product may vary due to Load Mass and Plan Options.



ThyssenKrupp Elevator brings the benefits of gearless technology to traditionally geared applications. Low- and mid-rise buildings now have all the advantages of a gearless machine with our Permanent Magnet (PM) models.

ThyssenKrupp Elevator's engineers have created a superior gearless system that delivers improved ride quality and lower energy costs. Our PM machines generate a magnetic field consuming little to no external power; an energy savings of more than 25% over typical traditional geared applications. The innovative gearless machines replace traditional geared overhead systems, making your elevator more sustainable by:

- Saving energy while using less torque.
- Increasing efficiency with new technology.
- Fewer required materials due to the elimination of parts.

## Maintenance-Friendly

The reduced number of components installed on the PM makes the overall design streamlined and serviceable, which leads to easier troubleshooting. Service technicians have access to critical components, such as dead-end hitch plates, deflector sheave and strain gauge load weigher, as all are mounted and accessible on the bedplate.

## Increased Efficiency

ThyssenKrupp Elevator's PM gearless machines eliminate the need for a rope gripper or sheave brake, increasing the longevity of your elevators with fewer moving parts and reduced wear and tear. Increasing the efficiency of the application is the 2:1 roping system and strain gauge load weigher. With 2:1 roping, the system is able to carry a larger load using a smaller motor. The intelligent strain gauge load weigher eliminates unnecessary stops, by-passing additional hall calls when it has reached the car's capacity.

## Fast Facts

Capacities	2100*, 2500, 3000, 3500
Speed	350 fpm (max.)
8mm Full Load Mass	Up to 17, 535 lbs.
10mm Full Load Mass	Up to 18,474 lbs.
Travel	300 ft. (max)
CWT Percentage	50%
Mounting System	Machine Beam Mount or Structural Slab Mount
Roping	2:1

\*Plan 1 only

Contact your local TKE sales representative to learn more about our PM gearless machines at 877.230.0303.

ThyssenKrupp Elevator Americas



ThyssenKrupp

## ThyssenKrupp Elevator

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