G-POWER

Geared modernization

Older traction elevators are less reliable and performance can deteriorate. This means increased maintenance, service calls and safety-related concerns.

Our G-Power modernization package replaces the critical components of your traction elevator. We replace your direct current (DC) hoist motor with a new high efficiency, maintenance free alternating current (AC) hoist motor. The existing machine, including gears, sheaves and bedplates will be cleaned and refurbished as well. You'll feel the difference the first time you step into your elevator.

G-Power performance package overview:

1 TAC series controller
Our digital controller increases your elevator’s reliability, reduces wiring and optimizes efficiency.
- Advanced 32-bit microprocessor
  Automatically adjusts the controller to high-traffic demand, helping improve your elevator’s energy efficiency.
- VVVF AC regenerative drive
  Captures unused energy created by your elevator and feeds it back into the power grid.
- Absolute positioning system
  Precisely measures your elevator’s speed and positioning. This promotes accurate floor stopping, so floors are level and passengers are safe.
- Load weigher technology
  Eliminates stops when the elevator is fully loaded, improving ride efficiency.
- Non-proprietary user interface tool (UIT)
  Provides easy access to diagnostic equipment for adjusting, maintaining and troubleshooting your elevator.
- MAX
  Provides real-time, cloud-based predictive maintenance, reducing your elevator’s downtime.

2 Motor
An AC motor will replace your DC motor. It includes custom motor coupling and an integrated velocity encoder package.

3 Universal door operator
Faulty doors are the elevator industry’s most frequent service call. This new technology improves door reliability and provides quick and smooth door operation.

4 Wiring package
Our cable and hoistway wiring system communicates with multiple devices through a single wire using advanced CAN-BUS technology. It helps provide safer and more efficient elevator operations and maintenance.

5 MOD Fusion fixtures
Our stainless steel fixture line includes car operating panels, hall fixtures and car riding lanterns that improve elevator appearance and functionality. Fixtures are also easy to install, do not damage the walls and are in full compliance with U.S. and Canadian fire service codes.

Ask your TK Elevator representative about our Advantage Packages, designed to make the G-Power modernization process as quick and convenient as possible for you and your tenants.

<table>
<thead>
<tr>
<th>MOD Fusion fixtures:</th>
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<tbody>
<tr>
<td>Traditional push button with white illumination and black halo (blue or red available)</td>
</tr>
<tr>
<td>Bronze classic push button with illuminating halo</td>
</tr>
<tr>
<td>Vandal-resistant, flat, California-compliant push button in stainless steel with red illumination (available in bronze with white or blue)</td>
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<tr>
<td>Vandal-resistant, convex with illuminating blue halo (available in bronze with illumination of white or red)</td>
</tr>
<tr>
<td>Vandal-resistant, concave, California-compliant push button with illuminating jewel center (available in bronze with white or red)</td>
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