

H - POWER

Hydraulic modernization



Performance. Efficiency. Reliability.

Aging hydraulic elevator systems can become less reliable and performance can deteriorate. This means increased maintenance requirements, shutdowns, service calls and safety concerns.

With more than 30 performance-optimizing features in our H-Power modernization package, we replace your hydraulic elevator’s most critical components. You’ll feel and see the difference the first time you step into your elevator.

H-Power performance package overview:

1 TAC series controller

Our digital controller offers increased reliability, reduced wiring and optimized efficiency through its 32-bit microprocessor. It also includes:

- **Battery lowering unit**
Prevents entrapments and provides supplemental power to the controller in a power outage. It also eliminates the need for a costly power generator.
- **Solid state starter**
Minimizes power surges and provides smooth, quiet and reliable motor operation.
- **Elevator positioning encoder**
Communicates the elevator’s location. This helps promote a safe and level landing for passengers when boarding and exiting.
- **Nonproprietary user-interface tool**
Provides unrestricted access for on-board adjusting and troubleshooting, keeping troubleshooting calls short.
- **MAX**
Provides real-time, cloud-based predictive maintenance, which increases your elevator’s uptime.

2 Power unit (optional)

This key component reduces noise and vibration during operation — allowing for a quiet and smooth ride. The compact design uses less materials to construct and takes up less space. Furthermore, precise operation of the unit increases leveling accuracy and improves passenger safety.

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 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.

5 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.

H-Power technical specifications

Openings	Front and rear (selective)
Stops	Up to 8
Power supply	200–208V, 220–240V, 460–480V, 575–600V, 50/60 Hz AC, 60 HP Max
Speeds	Up to 200 fpm
Capacity	1200 to 5000 lbs. Cars in group can have different capacities
Travel	Up to 100’-0”



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

MOD Fusion fixtures:



- A** Car operating panel
- B** Push button options
-  Traditional push button with white illumination (blue or red available)
 -  Bronze classic push button with illuminating halo
 -  Vandal-resistant, flat, California-compliant push button in stainless steel with red illumination (white, blue and green also available)
 -  Vandal-resistant, convex stainless steel push button with illuminating blue halo (white, red and green also available)
 -  Vandal-resistant, concave, California-compliant push button in stainless steel with illuminating red jewel center (white, blue and green also available)



- C** Terminal and intermediate hall station, fire service and appendix H / O signage
- D** Horizontal hall lantern (arrows)
- E** Vertical hall lantern (arrows)
- F** Hall position indicator
- G** Combo hall lantern / position indicator

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