



HydroFit[™]

Machine-roomless
holeless hydraulic elevator

OTIS



Design freedom comes to low-rise buildings.

Introducing the HydroFit system: a machine-roomless holeless hydraulic elevator.

Otis knows it's not just any building—it's your building. We applied the strength of our engineering resources and created the HydroFit system, an innovative hydraulic elevator system that eliminates the need for a machine room and allows all critical components to be contained in the hoistway. The result is a system that frees up valuable floor space and supports your design vision in a way that only Otis can.

Otis HydroFit Delivers:



Design freedom



Minimal jobsite
coordination



Energy efficiency

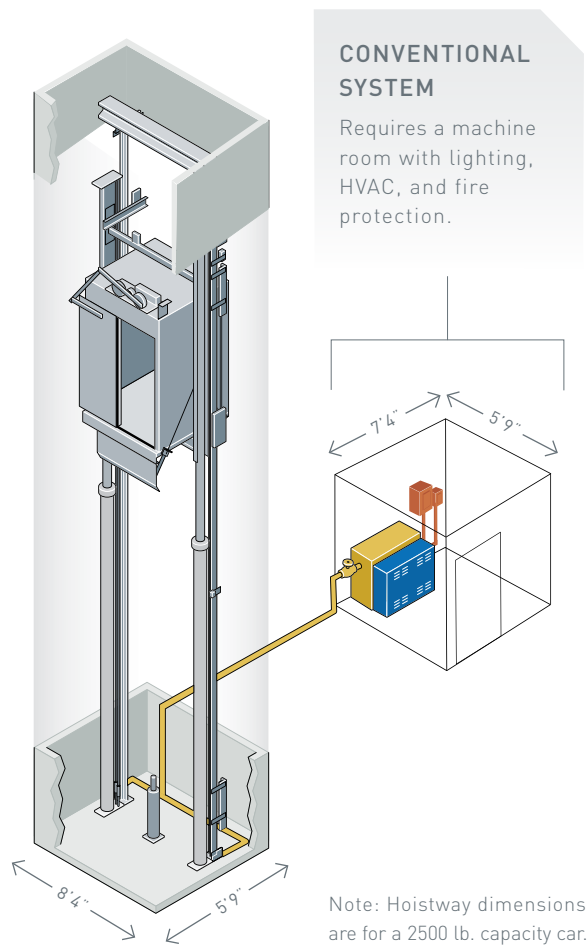


Proven reliability

Machine-roomless technology. Now available in holeless hydraulic systems.

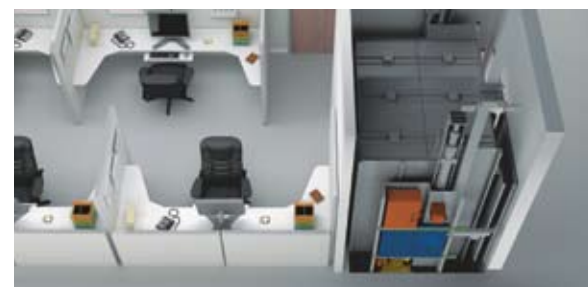
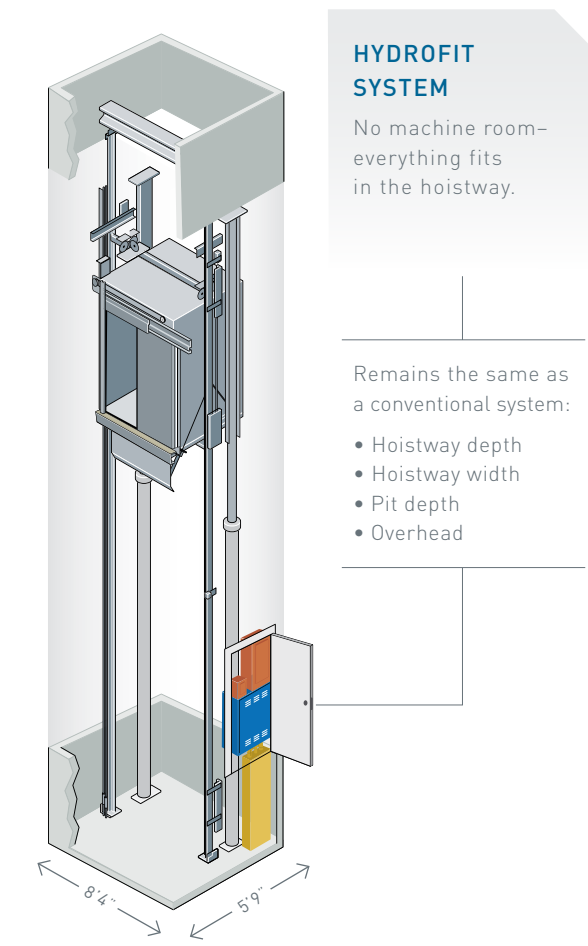
The HydroFit elevator is a self-contained system that uses Otis' proven holeless hydraulic design. Key components were redesigned to be more compact and able to fit in a standard hydraulic hoistway, eliminating the need for a machine room.

HOLELESS HYDRAULIC ELEVATOR



Conventional System: requires dedicated space for the elevator machine room.

OTIS HYDROFIT ELEVATOR



HydroFit System: machine-roomless means more usable space in your building.

DESIGN FREEDOM

Experience more design freedom with Otis HydroFit.

With more square feet in your building, you have the freedom to create spaces that meet your design vision and needs.

The HydroFit system allows building owners to increase income with more rentable space.



MINIMAL JOBSITE COORDINATION

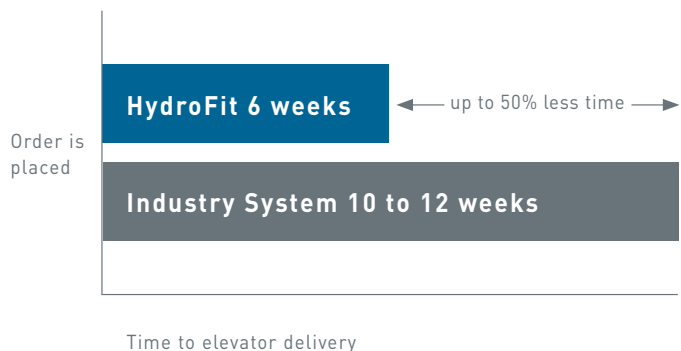
Save construction time and cost.

A machine room is more than just a room. It requires lights, fire protection, and HVAC. HydroFit doesn't require a machine room, saving time and money on the jobsite. To further reduce coordination with numerous trades on the jobsite, hall call buttons are mounted in the door jamb.



The industry's shortest lead time.

Coordinating a construction project is complex. The HydroFit system has an industry-leading lead time of six weeks, allowing you the flexibility to more accurately plan your project and avoid costly storage and remobilization fees caused by missed targets.



Energy efficiency: standard on the HydroFit

At Otis, we believe that being energy efficient is not optional. The HydroFit system comes standard with features to maximize the efficiency of your elevator.



SLEEP MODE

- Lights and fan are shut down when there's no demand, making lights up to 80% more efficient
- Seamlessly springs back to life

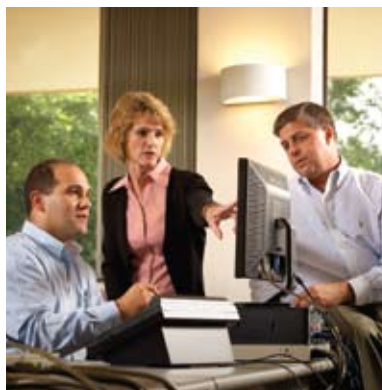


EFFICIENT LED LIGHTING

- Reduces energy consumption
- Lasts up to 10 times longer

Industry-leading service that only Otis can provide.

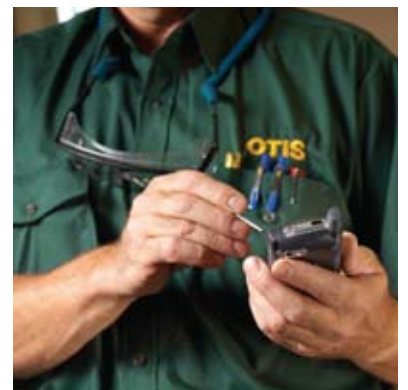
Otis optimizes equipment performance throughout each product's lifecycle. Innovative technologies let Otis engineers precisely identify or anticipate possible issues. When our mechanics arrive at customer sites, they are prepared to make repairs quickly and efficiently.



REM®

REMOTE ELEVATOR MONITORING

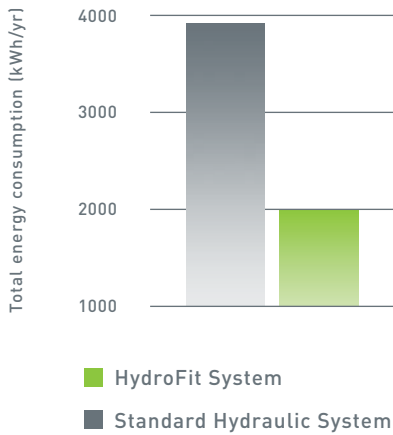
- Hundreds of diagnostic points monitored
- Expert analysis
- Irregularities proactively corrected
- Standard on the HydroFit system



OMMS®

OTIS MAINTENANCE MANAGEMENT SYSTEM

- Predictive and preventative system
- Fewer service calls
- Industry-leading uptime



MAXIMIZED EFFICIENCY

The HydroFit system using LED lighting and sleep mode uses less energy when compared to a traditional hydraulic system



Otis HydroFit: less space, less coordination, more value.

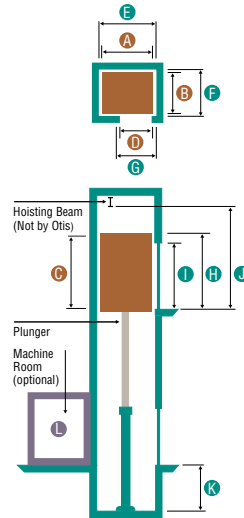
Another breakthrough from Otis: a machine-roomless option for hydraulic elevator systems. The HydroFit system is another example of Otis' commitment to perfecting elevator technology. Because the HydroFit system is from Otis, you can rest assured that it comes with the reliability and service you've come to expect.



OTIS ELITESM

- Otis Elite experts dedicated to your elevator
- Remote access
- Real-time status updates
- Guaranteed 15-minute response time

Travel height maximum	24'-9"
Maximum stops	4
Speed (ft/min)	100, 125



IMPORTANT: To assist in your planning, we recommend that you call your Otis representative at the beginning of the project.

Dimensions

Rated lbs.	2100	2500	3000	3500
Passenger capacity (USA/Canada)	13/12	16/15	20/18	23/21

Car

A Interior width	5' 8-1/4"	6' 5-1/2"		
B Interior depth ¹	4' 3-9/16"		5' 0-3/16"	5' 5-3/16"
C Interior height	7'-9"			
D Car door width	3'-0"	3'-6"		

Hoistway

E Width	7'-7" ²	8'-4"		
F Depth ³	5'-9"		6'-4"	6'-11"
G Rough opening width	4'-8"	5'-2"		
H Rough opening height	7'-10"			
I Clear opening height	7'-0"			
Maximum rise (with 4' pit depth) ⁴				
	@100 ft/min (1 stage)		13'-5"	
	@125 ft/min (1 stage)		13'-2"	
	@100 ft/min (2 stage)		24'-9"	
	@125 ft/min (2 stage)		24'-6"	
J Clear overhead to hoist beam (with 4' pit)				
	@100 ft/min (1 stage)		12'-3"	
	@125 ft/min (1 stage)		12'-4"	
	@100 ft/min (2 stage)		12'-7"	
	@125 ft/min (2 stage)		12'-10"	
K Minimum pit depth	4'-0"			

Machine Room (optional)

L Number of elevators in group	1		2	
Width x depth	5'9" x 7'4"		11'6" x 8'6"	

1. For systems with front and rear openings, add 1/4" to depth dimension.
2. 7'4" for installations that opt to use a machine room.
3. For systems with front and rear openings, add 6-1/2" to 2100, 2500 and 3500 lb, 7-7/8" to 3000 lb.
4. Rise will vary based on weight of car, speed, and pit depth. Please consult your Otis Representative.



Otis

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