

Otis4000 is a series of model gearless elevators suitable for modern and high-rise residential and commercial applications up to 145 metres at speeds up to 3.5 metres per second.

BENEFITS

- ▶ Exceptional ride quality
- ▶ Efficient Dispatching System (RSR system)
- ▶ Otis quality components
- ▶ Modern attractive aesthetics
- ▶ Energy Efficiency

FEATURES

Advanced Technology -Otis Quality

The OTIS4000 high-speed gearless elevator combines the latest variable frequency drive control technologies with sophisticated microprocessor controller, efficient permanent magnet machine design, advanced door operating technology, modern aesthetics, and OTIS quality and safety standards.

By incorporating Otis' proven world-class technologies, quality craftsmanship, and relentless drive to producing the safest transportation equipment in the world, the OTIS4000 exceeds the general standards of excellence in the high-speed gearless market.

Ultra Roller Guide*

The Otis Ultra™ Roller Guides with patented design reduces horizontal vibration by as much as 50% over conventional roller guides.

Otis D02000 Door System*

The door system has a significant impact on elevator performance and passenger comfort. The OTIS D02000 door system is designed for high-end applications with strict requirements for performance, comfort and reliability.

OTIS REM® Monitoring System*

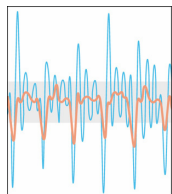
Your equipment will be monitored 24 hours a day, the REM system automatically detects the fault and reports it the OTISLINE® Customer Call Centre.

Controller with Variable Frequency Drive

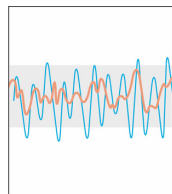
Designed for up to a five-car group, this controller uses a new generation of printed circuit boards and software that provide optimal passenger response times. The digital, closed-loop variable frequency drive, with vector control technology, further increases system efficiency and accuracy. A digital speed encoder ensures accurate car speed and positioning. The overall result is improved system reliability and a smoother ride.

Streamlined and Efficient Installation

With all major components located inside the hoistway, the Gen2 system's streamlined installation process - standard throughout the Otis world - has minimal impact on building construction or other trades.



Front to back movement



Side to side movement

■ Conventional
■ Ultra

SPECIFICATIONS

Load capacity (kg)		1150	1350	1600			
Passenger capacity		15	18	21			
Car Dimensions (mm)	Width	2000	1350	2000	1500	2000	1750
	Depth	1350	2000	1500	2000	1750	2000
Speed		2.5 m/s			3.5 m/s		
Maximum rise		100m			145m		
Maximum number of stops		30			50		
Door Opening Width (mm)		1100mm					
Pit (mm)	2.5m/s	2100	2100	2100	2100	2100	2100
	3.5m/s	3050	3850	3050	3850	3050	3850
Headroom		6000mm			6500mm		

*Please see individual fact sheet for more details