

News Release

FOR IMMEDIATE RELEASE

Hitachi's Elevator Delivered to Guangzhou CTF Finance Centre, a Skyscraper Complex Building in China, Received a GUINNESS WORLD RECORDS™ title as the World's Fastest



World's Fastest Elevator



Image of Guangzhou CTF Finance Centre

Tokyo, September 27, 2019 --- Hitachi, Ltd. (TSE: 6501 / "Hitachi") today announced that its elevator, which has been delivered to Guangzhou CTF Finance Centre, a skyscraper complex building in Guangzhou, People's Republic of China (hereinafter "China"), received a GUINNESS WORLD RECORDS title as the world's **fastest elevator** ⁽¹⁾ on September 10, and the presentation ceremony of the official certificate was held today. This elevator travels with a rated speed of 1,260 m/min ⁽²⁾ and connects the ground floor to the hotel lobby on the 95th floor in approx. 42sec, over a distance of 440 m.

In 1968, Hitachi developed an elevator with the speed of 300 m/min, the fastest in Japan at that time, and delivered it to Kasumigaseki Building, Japan's first skyscraper. Hitachi has continued to provide innovative products and services that support the advancement of urbanization. In China, Hitachi has operated its elevators and escalators business since 1980s. In 1995, it founded Hitachi Elevator (China) Co., Ltd. ⁽³⁾ ("Hitachi Elevator China"), a manufacturing, sales and service company for elevators and escalators. China's new elevators and escalators market has become the world's largest, where demand exceeds 500,000 units, which accounts for more than 50% of global demand. Hitachi Elevator China achieved the top share in the number of new elevators and escalators units ordered in China in 2018 ⁽⁴⁾.

In 2012, working with Hitachi Building Systems Co., Ltd. ("Hitachi Building Systems") and Hitachi Elevator China, Hitachi received an order for 151 elevators and escalators

for Guangzhou CTF Finance Centre, and proceeded with the deliveries sequentially. Guangzhou CTF Finance Centre, one of the world class skyscraper complex buildings that is 530 m tall, constructed in Zhujiang New Town Central Business District, Guangzhou, China. The building consists of offices, serviced apartments, hotels and commercial facilities. On September 10, Rosewood Guangzhou, the hotel on 93F to 108F, started operation. In response to the beginning of operation of the elevator with the speed of 1,260 m/min connecting the first floor on the ground and the hotel lobby on 95F, it received a GUINNESS WORLD RECORDS title as the world's **fastest elevator**.

Moving forward, Hitachi will continue to utilize cutting-edge digital technology broadly to develop products and services and globally provide safe, secure and comfortable elevators and escalators as well as services that help resolve customers' various issues in urban spaces to contribute to the realization of a sustainable society.

(1) Official record name: The fastest lift (elevator)

(2) 1,260 m/min = 75.6 km/h (47 mi/h) = 21 m/s

(3) It was founded as Guangzhou Hitachi Elevator Co. Ltd., a fifty-fifty joint venture by the Hitachi Group and Guangzhou Guangri Group Co., Ltd. In 2004, it became a consolidated subsidiary of Hitachi (70% investment ratio). In 2007, its company name changed to Hitachi Elevator (China) Co., Ltd.

(4) According to Hitachi's research as of September 2019

Overview of the World's Fastest Elevator

Rated speed ⁽⁵⁾	Ascending: 1,260 m/min; descending: 600 m/min
Capacity	1,600 kg · 21 persons
Quantity	1 unit
Distance	440.4 m
Stop floor	1F, 3F, 4F, 95F
Production	Hitachi, Ltd., Hitachi Building Systems Co., Ltd., Hitachi Elevator (China) Co., Ltd.
Installation	Hitachi Elevator (China) Co., Ltd.
Technical features	<ul style="list-style-type: none">• Ultra-fast travel with the development of traction machine and control equipment that balances high power and compactness• High comfortability from the development of a capsule-structure car using high-speed rail technology, active guide equipment to reduce the vibration of the car and a pressure control method to mitigate blocked ears (clogged ears)• High safety standards from the development of brake equipment that uses superior heat resistance friction material, as well as electronic safety equipment and a system that adopts functional safety technology

(5) The travel speed may change at Guangzhou CTF Finance Centre depending on the situation of use.

Presentation Ceremony of the GUINNESS WORLD RECORDS Official Certificate and the Record Holder Logo



Certificate Presentation Ceremony



Record Holder Logo

Overview of Guangzhou CTF Finance Centre

Usage	Owner	Location	Floors
Complex facility building (hotels/offices/serviced apartments/commercial facilities)	Chow Tai Fook Group	No. 6 Zhujiang Road East, Tianhe District, Guangzhou	111 floors above ground, 5 floors below ground

Website about Hitachi's Ultra-fast Elevators

<http://www.hitachi.com/businesses/elevator/special/1260/>

About Hitachi, Ltd.

Hitachi, Ltd. (TSE: 6501), headquartered in Tokyo, Japan, is focusing on Social Innovation Business combining its operational technology, information technology and products. The company's consolidated revenues for fiscal 2018 (ended March 31, 2019) totaled 9,480.6 billion yen (\$85.4 billion), and the company has approximately 296,000 employees worldwide. Hitachi delivers digital solutions utilizing Lumada in five sectors including Mobility, Smart Life, Industry, Energy and IT, to increase our customer's social, environmental and economic value. For more information on Hitachi, please visit the company's website at <https://www.hitachi.com>.

<Appendix>

Overview of the 151 elevators and escalators delivered to Guangzhou CTF Finance Centre

1. Ninety-five Elevators

Usage (category)	Rated speed (m/min)	Capacity	Purpose	Units
Hotel (Ultra-high speed/ high speed)	1,260 m/1,200 m/600 m	1,600 kg	Passenger	1 unit
	1200 m/600 m			1 unit
	600 m/480 m			2 units
	210 m			3 units
	150 m			4 units
	600 m/360 m	1,800 kg	Freight and passenger/emergency	1 unit
	240 m	3,600 kg	Freight	1 unit
Hotel (Medium speed/ low speed)	105 m	1,600 kg	Passenger	6 units
	60 m	1,350 kg		2 units
	120 m	1,800 kg	Freight and passenger	1 unit
	90 m	1,600 kg		2 units
Office	540 m	1,800 kg	Passenger (Double deck)	6 units
	360 m			6 units
	300 m			4 units
	210 m			6 units
	150 m			6 units
	105 m	1,350 kg	Passenger	4 units
	240 m	2,400 kg	Freight and passenger	2 units
Serviced apartment	540 m	1,350 kg	Passenger	4 units
	150 m	1,250 kg		2 units
	210 m			3 units
			Passenger (two-way exits)	6 units
	600 m/360 m		1,800 kg	Passenger (right-angle two-way exits)
		Freight and passenger/emergency		1 unit
	120 m	Freight and passenger	1 unit	

Commercial facility	150 m	1,350 kg	Passenger	3 units
		1,600 kg		3 units
	90 m	2,000 kg		3 units
	90 m	1,350 kg	Passenger (two-way exits)	1 unit
	90 m	2,000 kg	Freight and passenger	3 units
	60 m			3 units
	60 m	5,000 kg	Freight	1 unit
	52 m	3,500 kg	Freight (two-way exits)	1 unit

2. Fifty-six Escalators

Usage	Floor height	Effective rail width	Slope	Rated speed (m/min)	Units
Hotel	6,500 mm	1,200 mm	30°	30 m	1 unit
	5,950 mm				1 unit
Office	6,000 mm		35°		2 units
	4,500 mm		30°		6 units
	3,000 mm				2 units
	1,500 mm				2 units
	Commercial facility		12,500 mm		30°
7,500 mm			2 units		
6,500 mm			4 units		
6,450 mm			2 units		
6,050 mm			2 units		
6,000 mm			35°		2 units
			30°		14 units
5,000 mm			30°		4 units
3,700 mm		35°	2 units		
3,500 mm		30°	2 units		
2,650 mm			2 units		
2,450 mm			2 units		
2,400 mm			3 units		

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Information contained in this news release is current as of the date of the press announcement, but may be subject to change without prior notice.
