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FOR IMMEDIATE RELEASE

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Mitsubishi Electric Improves Speed of World's Fastest Elevators to 1,230 Meters per Minute

New technologies to be installed at Shanghai Tower, China's tallest building

TOKYO, May 10, 2016 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today that it has developed elevator technologies that achieved a speed of 1,230 meters per minute, or 20.5 meters per second, the fastest elevator speed in the world*. The new technologies will be installed to one of three elevators at China's tallest building, the 632-meter Shanghai Tower.

*According to Mitsubishi Electric research as of May 10, 2016



The record-breaking speed was achieved through the development of new equipment, including control panel that can maximize the traction machine's performance, and improvements of safety devices such as the speed governor, brake device and buffer. Once the elevator is equipped with the new technologies, it can travel from the second-level basement to the 119th floor in just 53 seconds.

While Mitsubishi Electric's cutting-edge technologies drastically increase the speed, the elevator also delivers enhanced safety, top-level riding comfort, silence and power saving.

Outline of World's Fastest Elevators

Delivered to	Shanghai Tower (Shanghai Zhongxin Dasha)
Owned by	Shanghai Tower Construction & Development Co., Ltd.
Elevators	One of the three elevators servicing the observation deck will use the new speed technologies because of that elevator's hoistway dimension enough for installation. The operator at Shanghai Tower will have the option of switching speeds between 1,080 and 1,230 meters per minute according to actual passenger traffic conditions.
Manufacturers	Inazawa Works, Mitsubishi Electric Corporation
Installer	Shanghai Mitsubishi Elevator Co., Ltd.

About Shanghai Tower

Shanghai Tower is located in the Lujiazui Finance and Trade District of Pudong, Shanghai. It houses offices, a hotel, conference and exhibition halls, restaurants and facilities for commerce, culture and sightseeing.

Features of World's Fastest Elevators

Traction wire rope and traveling cable designed for extraordinarily long travel

Traction Wire Rope



Traction wire rope featuring a new structure, developed by Mitsubishi Electric, offers more strength than conventional steel wire rope of the same mass.

Reduced vibration and noise for more riding comfort

Active Roller Guide



Horizontal vibration due to slight rail warp or wind pressure is reduced effectively.

Streamlined Car Fairings



Streamlined fairings reduce noise generated by air flow around cars.

Air Pressure Control Device

The air pressure inside the car is adjusted during high-speed traveling, reducing passenger discomfort such as earaches.

Traction machine and control panels offer enhanced driving and control accuracy

Traction Machine



The traction machine incorporates an energy-efficient permanent magnet motor and safety-oriented brake system.



Parallel-drive system of two control panels makes use of regenerated power for energy saving.

Buffer, safety gears, etc. ensure added safety

Telescopicbuffer



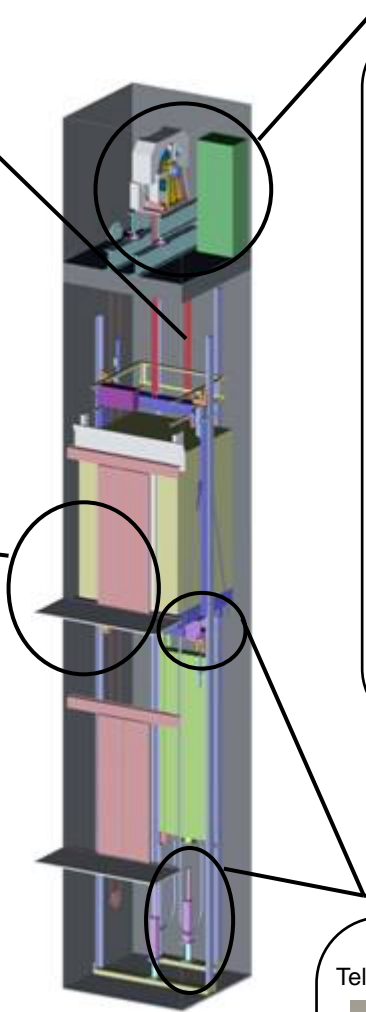
Safety Gears



Speed Governor



Safety devices ensure reliable braking for ultra-high-speed and super-long-travel elevators, even in emergencies.



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About Mitsubishi Electric Corporation

With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,394.3 billion yen (US\$ 38.8 billion*) in the fiscal year ended March 31, 2016. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016