

# FUJITEC

MACHINE SERIES

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PRODUCT COMPLIANCE

FACT  
THE ELEVATOR  
FIRE PROTECTION SYSTEM  
CAN LAST FOR UP TO  
**2 HOURS**

QUALITY ASSURANCE

# ACTIVE ROLLER

HOW IT WORKS

EXPECTED REDUCTION RATE

REDUCTION RATE %

REDUCTION RATE %

REDUCTION RATE %

REDUCTION RATE %

CONSTRUCTION



# FUJITEC

## MACHINE SERIES

### PMGL MACHINE SERIES

Fujitec engineers and manufactures Permanent Magnet Gearless (PMGL) machines with a wide range of applications, to allow for reduced energy consumption, flexible installation solutions, and improved ride quality. Our highest energy efficient technology meets or exceeds requirements set forth by consultants, engineers and architects for modernisation and new installation projects.



# IDU

## NEXT GENERATION INTEGRATED DRIVE UNIT

Throughout our history, Fujitec has pioneered state-of-the-art elevator control systems. Building on our proven and industry-endorsed platform, Fujitec now brings the latest enhancements to the market – Integrated Drive Unit (IDU).

Our elevator control system is a next generation product that utilises the most advanced technology, allowing Fujitec to offer excellent ride quality and dependability, consistent with and exceeding previous systems.

# WHY?

### MORE ROBUST AND FASTER PROCESSING SYSTEM

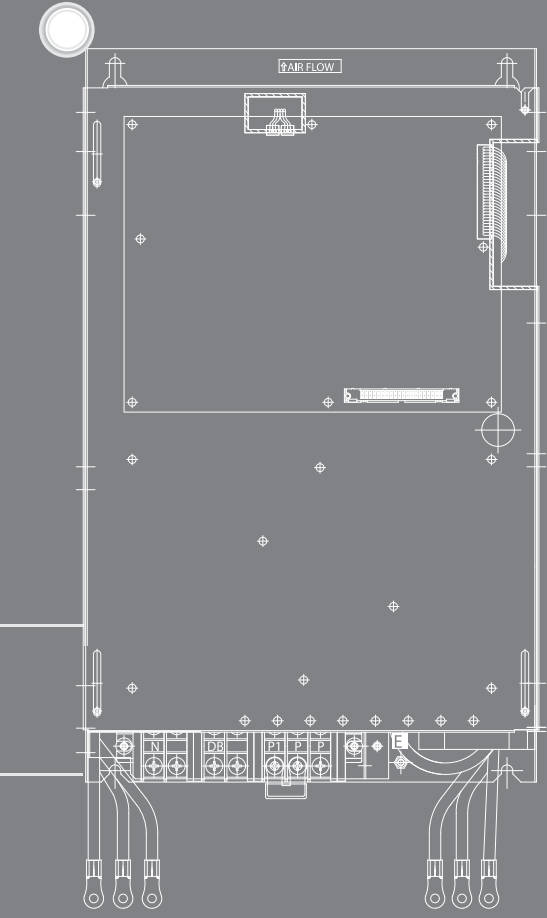
IDU offers faster processing power, resulting in a smoother ride experience. Our latest dispatching software coupled with a faster processor, reduces overall wait times, enabling passengers to reach their destination more quickly.

### FLEXIBLE DESIGN

IDU's modern, flexible design allows for easy customisation to fit the vertical transportation needs of any new or existing building. Fujitec's advanced-engineered, compact system can be configured to the most stringent installation space requirements.

### LONG-TERM RELIABILITY

IDU targets system up-time and higher tenant and passenger satisfaction, allowing building professionals to rely on Fujitec to promote elevator performance as a marketable building characteristic.



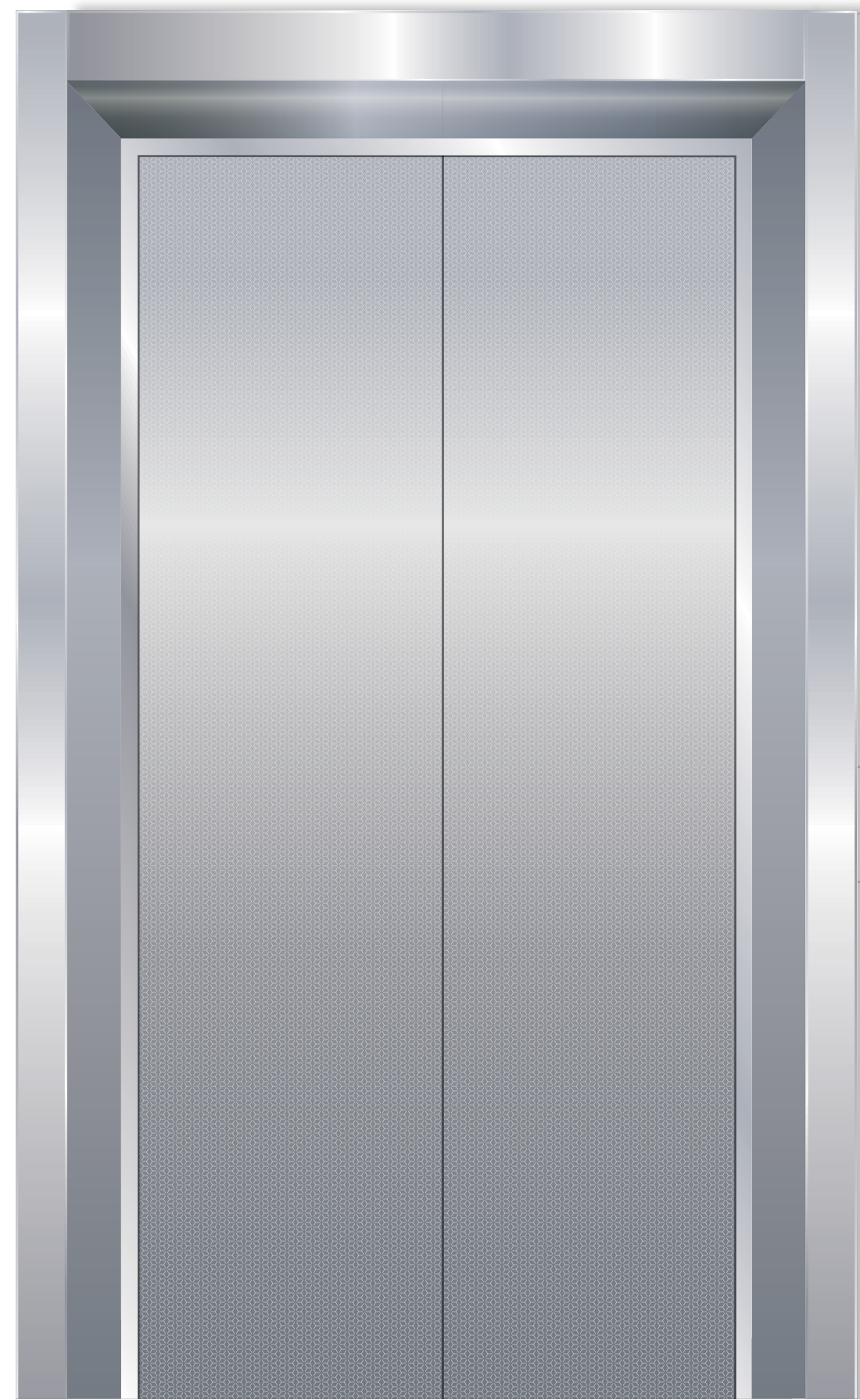
**PRODUCT COMPLIANCE**



**FACT**

OUR ELEVATOR DOOR  
FIRE PROTECTION SYSTEM  
CAN LAST MORE THAN

**2 HOURS**



**QUALITY ASSURANCE**







# ACTIVE ROLLER

Fujitec continuously pursues technological improvements in ride safety, quality, performance and dependability. The addition of the Active Roller Guide (ARG) system effectively decreases the amount of vibration felt by passengers during transit. Ideal for high rise and high speed applications, smooth and fluid transportation reassures passengers' perception of safety and comfort on a daily basis.

## HOW IT WORKS

Fujitec's ARG includes a sensor that detects lateral vibration as the elevator moves through the hoistway. When detected, the ARG engages the rail guides to counteract the vibration, delivering a smooth and refined ride when compared to conventional roller guides.

### EXPECTED REDUCTION RATE

VIBRATION ACCELERATION [mg]	REDUCTION RATE %
less than 5	10 - 20
greater than 5 less than 8	20 - 30
greater than 8 less than 12	30 - 40
greater than 12	40 - 50

## CONSTRUCTION

