

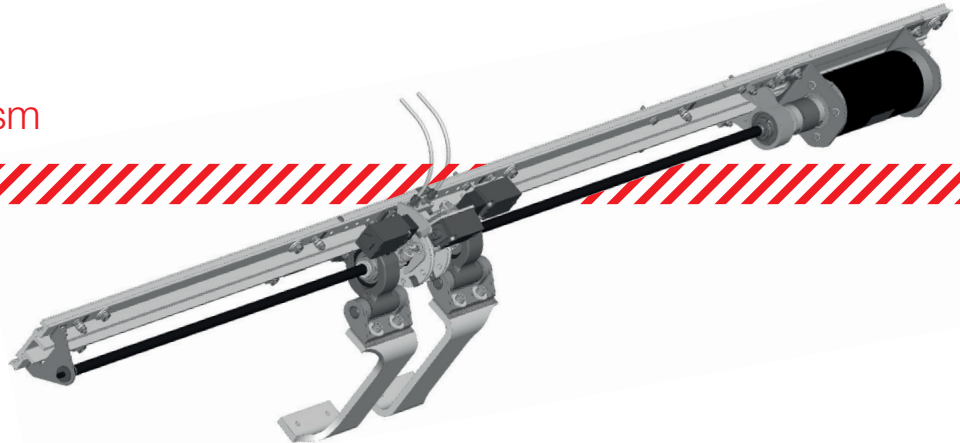


Providing safe
and convenient
access for all



ES2

Door mechanism



The best-selling sliding door
mechanism on the market

With its proven best-in-class reliability and modular design, ES2 is the market-preferred sliding door mechanism for mass transit and suburban applications.

ES2 driving screw mechanism ensures closing, opening and locking with a single motor and without any gearbox or electromagnet.



CUSTOMER BENEFITS:

- + **High proven reliability**
Few components and highly standard
- + **Outstanding cycle time performance**
No gearbox
- + **Easy integration due to modular design**
Hanging device completely independent from motorization
- + **Durable performance / no obsolescence risk**
Internal Faiveley design for driving screw, motor and hanging device

Prototype



Ready to quote



Ready to produce



In production



Credentials:

- Invented and patented by Faiveley Transport
- Field tested for more than 25 years
- 155,000 ES2 units in commercial service in 29 countries, with flawless execution: 130,000 on-board doors and 25,000 platform screen doors

References:

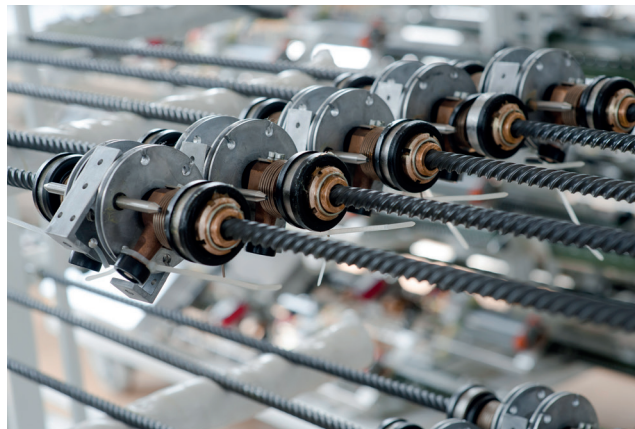
- Over 36,000 doors installed on Japan commuter cars for more than 20 years
- Over 7,000 doors on METRONET SSL in London
- Recently awarded on RER NG Lines D&E

Compliant with:

- EN 14752:2015
- GM/RT 2100-5
- UIC 566:1990
- Shock and vibration: IEC 61373 (category 1a)

Typical characteristics for ES2

Single actuator	Locking using the driving nut rotation principle
Modular hanging device	<ul style="list-style-type: none"> • Can be separated from door operator (external application) or integrated (pocket application) • 3 types available (plastic rollers, linear bearings, ball / rails)
Cycle time performance	Opening + closing in less than 4 seconds
Main options available	<ul style="list-style-type: none"> • Push back / emergency partial opener • Additional door close and emergency handle switches • Encoder integrated in the motor
Maintenance	Driving screw greasing every 2/3 years only
Application range	Up to 2,100 mm freeway 24 to 110 V power supply



To discover everything ES2 can do, contact:

Faiveley Transport Tours

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