

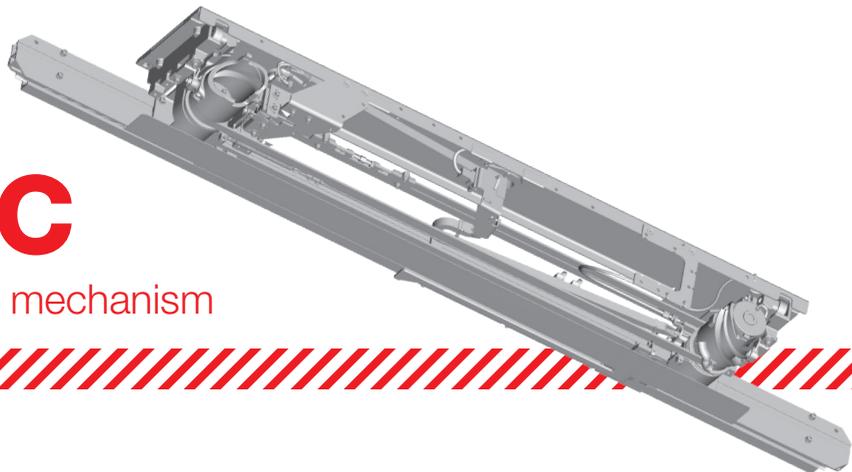


Providing safe  
and convenient  
access for all



# ESPAC

Sliding plug door mechanism



A universal door mechanism  
covering all the market needs

One solution:

- whatever the door width
- whatever the type of vehicle (LRV, metro, regional)
- whatever the market options

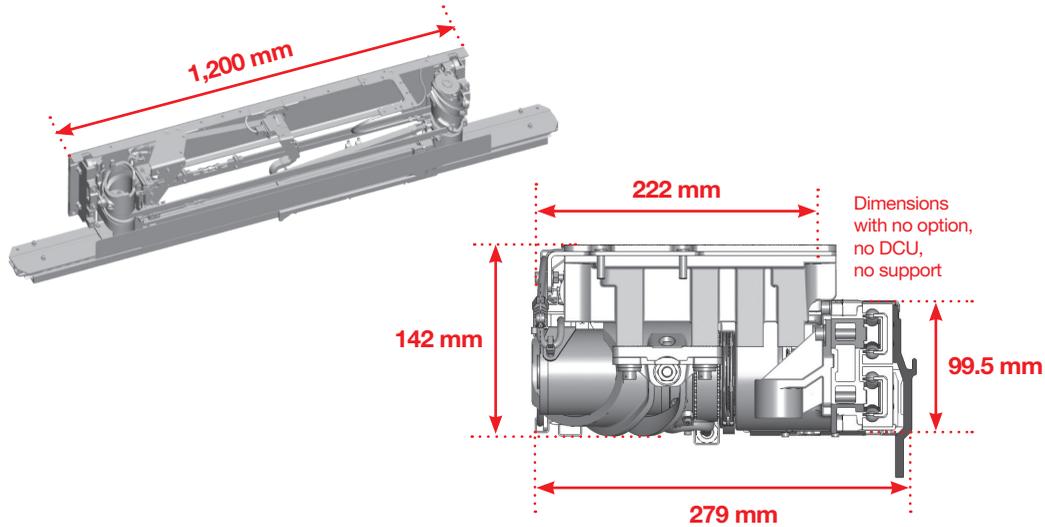
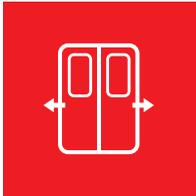


## CUSTOMER BENEFITS:

- + **Easy integration**
  - Significant space savings
  - Very low weight
- + **Easy maintenance**
  - Fewer components
  - Easy access
- + **High reliability**
  - Full locking / unlocking function with no extra parts
- + **Low noise level**
  - Belt-driven system

## VERY SIMPLE AND READABLE DESIGN

For single and double doors  
Using service proven components



### Typical characteristics for double doors

Freeway (F)	1,200 mm < F < 1,600 mm Other freeway on request
Mechanism weight (without bars, wiring and DCU)	46 kg for a 1,300 mm double door
Distance between pillars	Freeway + 190 mm (depending on leaf weight)
Vertical coordination	Either vertical bars or lower arms
Plug movement	70 mm
Resistance to pressure waves	UIC 566 compliant (Up to 2,500 Pa + 800N of passenger load on leaf)
Ability for obstacle detection	EN 14752: 10 x 50 mm obstacle APTA 18-10: ø 3/8 in. rigid rod and 1/4 x 3 in. rigid flat bar



To discover everything ESPAC can do, contact:

#### Faiveley Transport Tours

Z.I. Les Yvaudières - 75, avenue Yves Farge  
BP 149 - 37701 SAINT-PIERRE-DES-CORPS Cedex - France  
Tel: +33 (0)2 47 32 55 55 - Email: raildoors@wabtec.com  
www.wabtec.com