

PEGASUS

STRONG, SILENT AND RELIABLE



Residential



Hotel



Office



Shopping



Hospital



Transport



Strong, silent and reliable

Pegasus is a multifunctional elevator door capable of withstanding heavy traffic in hotels, public buildings, hospitals and shopping centres.

The large diameter of its rollers and the advanced materials ensure high smoothness.

Landing Door		Car Door		Clear opening min. (mm)	Clear opening max. (mm)	Clear height min. (mm)	Clear height max. (mm)
Type	Illustration	Type	Illustration				
01/C		02/C		750	1800	2000	3800
11/R		12/R		800	1800	2000	3800
11/L		12/L					
31/R		32/R		900	2100	2000	3800
31/L		32/L					
41/C		42/C		1300	3200	2000	3800
61/C		62/C		1800	3200	2000	3800
71/R		72/R		600	1400	2000	3800
71/L		72/L					





Landing Door

ADVANTAGES

- Multifunctional and high performance door with smooth operation and robust construction
- Particularly suitable for large doors or significant weight
- Large diameter of its rollers and the advanced materials ensure high reliability
- Wide range of certifications available

Elevator Rated Speed	Up to 10 m/s
Clear Opening (mm)	600 - 3200
Clear Height (mm)*	2000 - 3800
C2/Sill Package (mm)	180
T2/Sill Package (mm)	210
T3/Sill Package (mm)	303
C4/Sill Package (mm)	210
C6/Sill Package (mm)	302
T1/Sill Package (mm)	180
Full Glass	Optional
Framed Glass	Optional
EN 81-20/50	Standard
EN 81-71	Optional Cat. 1/2
EN 81-72	Optional
EN 81-58 E	Standard
EN 81-58 EI	Optional
BS 476 E	Optional
Aluminium Sill	Standard
Reinforced Sill	Optional - St. Steel / Bronze
Hidden Sill	Optional
Door Closing	Spring / Counterweight

INSTALLATION



- Pre-adjusted and tested
- Multiple adjustments and fixing brackets possibilities for easy installation and adaptation to shaft geometry
- Available in dissambled and assembled version as an option (depending on CO and execution)
- Pre-wiring as option (depending on execution)
- Can be installed: completely in the shaft, niche & with frames partly on the floor

PERFORMANCE



- High opening speeds and smooth operation
- Upper rollers with diameter 86 mm to ensure the comfort and a reduced operating noise
- Extra rigid support plate
- Dimensioning of fixings, rollers, structural elements, panel fixings for reliable operations

MAINTENANCE



- Easy access to each component
- Sliding guide shoes can be individually replaced
- Low maintenance needed
- Cataphoresis treatment on the support plate

EXECUTIONS



- Standard landing door
- Fire resistant *
- Glass panels door *
- Glass-framed panels door *
- Fire-resistant landing door *
- IP54 Optional
- Marine executions *
- Anti Vandal cat 1 & 2 *
- Different frame types and sizes possible, standard frames, big frames
- Aluminium sill as standard
- Different sill types possible including heavy load sills
- St. steel mechanism possible
- Explosion Proof

FINISHES



- Prime finish painted (RAL 7032)
- Special RAL powder painting
- Stainless Steel
- Colored Stainless steel
- Aluminium
- Coloured aluminium
- Prepainted aluminium
- Extruded aluminium
- Plasticized sheet metal
- Plastic laminate

CERTIFICATIONS



- 2014/33/EU
- EN 81-20/50 norms
- EN 81-71
- EN 81-72
- EN 81-58 E, EI, EW
- DIN 18901 norms
- BS 476 Part22 E CLAUSE 8&7
- China: GB7588.1/2, TSGT 7007-2022, GB27903
- SS550, EN81-58
- Australia: AS1735
- Australia: AS1530

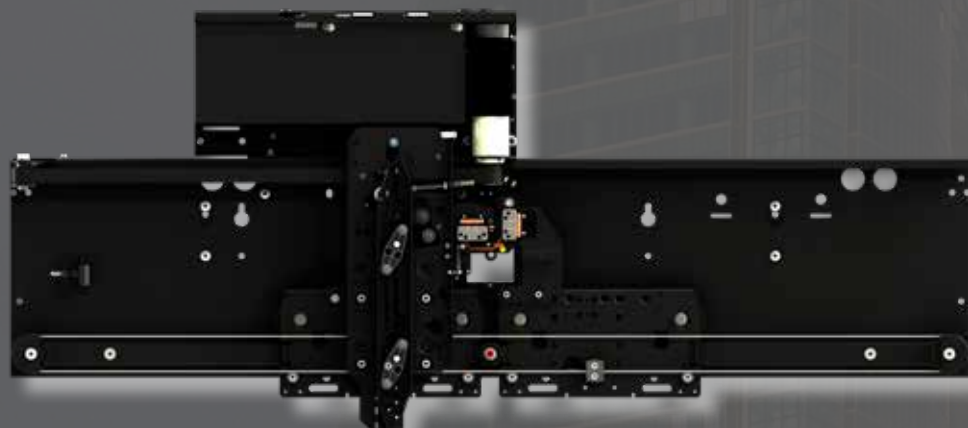
Car Door

Pegasus car door is the Wittur answer to the growing expectations of the medium and high traffic market needs.

Thank to its versatility, it is the ideal solution in many situations, from residential buildings up to highly frequented office buildings and hotels.

ADVANTAGES:

- Multifunctional and high performance door with smooth operation and robust construction
- Particularly suitable for large doors or significant weight
- Large diameter of its rollers and the advanced materials ensure high reliability
- Modularity (various combinations between drives and models)
- Wide range with 7 door types
- The large diameter of its rollers and the advanced materials ensure high smoothness also in case of high opening speeds
- Pre-adjusted and tested in the factory with self-learning functions for opening and closing times speed.
- Closing times according to disable people rules
- Small numbers of parts result in reduced number of spares and highly lifetime
- Adaptation of existing components and special designed parts are possible



INSTALLATION



- Fast and easy installation because there is no more need for additional adjustments in the site
- Self learning

PERFORMANCE



- Low energy consumption
- "MIDI+" for medium-high traffic installation (public buildings, offices, medium-high traffic residential buildings and prestigious buildings)
- "SUPRA+" for high traffic installation (hotels, hospitals, ship, public buildings, offices, high traffic residential buildings and prestigious buildings)
- Upper rollers with diameter 86 mm to ensure the comfort and a reduced operating noise

MAINTENANCE



- Small numbers of parts result in reduced number of spares and highly lifetime
- Easy to maintain

EXECUTIONS



- Standard car door (with sheet panels)
- Glass panels door
- Glass-framed panels door
- IP54 Option
- Aluminium sill as standard
- Different sill types possible including heavy load sills

FINISHES

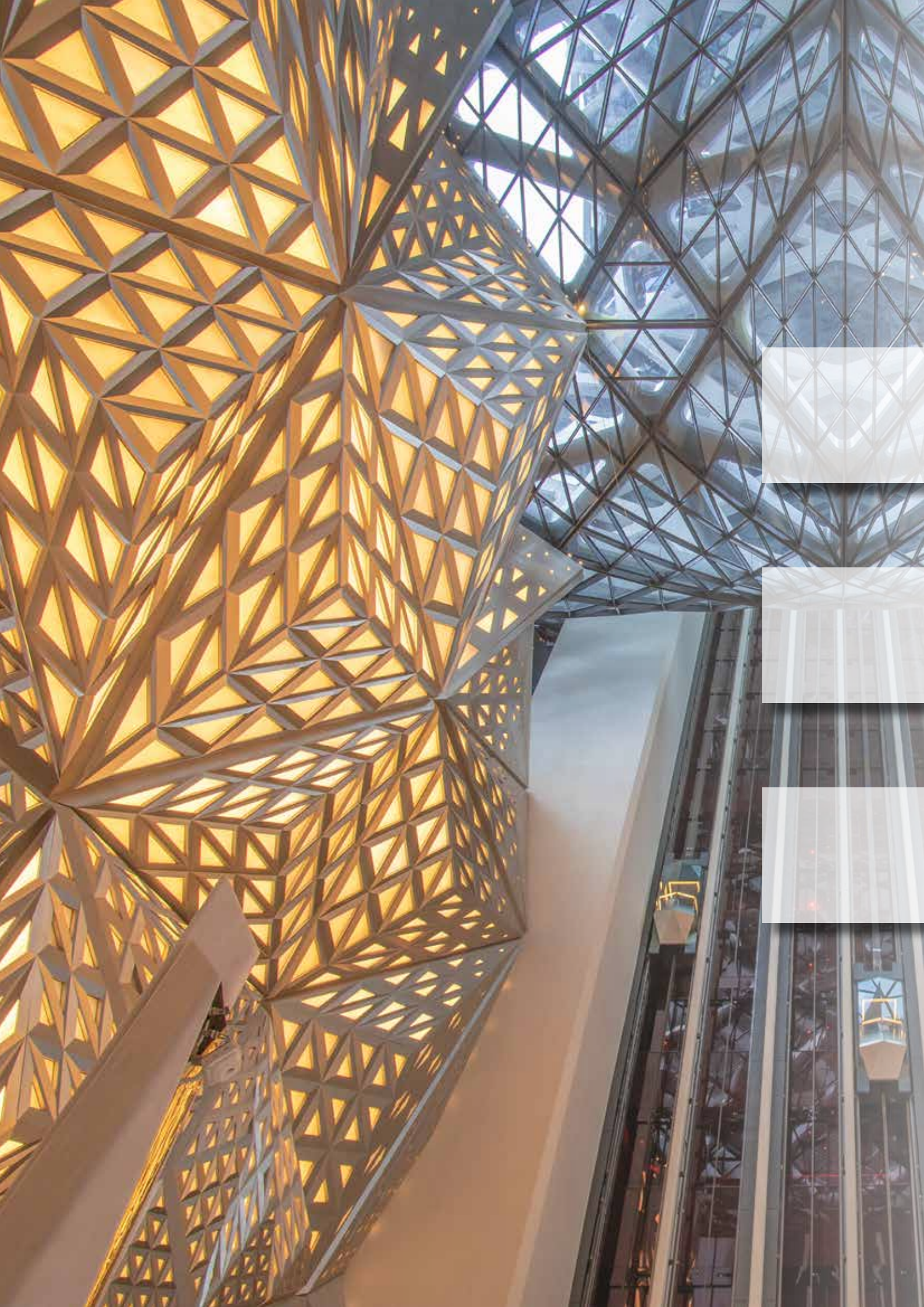


- Prime finish painted (RAL 7032)
- Special RAL powder painting
- Stainless Steel
- Colored Stainless steel
- Aluminium
- Coloured Aluminium
- Prepainted Aluminium
- Extruded Aluminium
- Plasticized sheet metal
- Plastic laminate

CERTIFICATIONS



- EN 81-20/50 norms
- China: GB7588.1/2, TSGT 7007-2022



PEGASUS Industrial

Doors for freight elevators and industrial applications

PEGASUS Skyline

Version for high rise installations

PEGASUS Antivandal

Compliance to the vandal-resistant certification category 2

PEGASUS Industrial

Doors for freight elevators and industrial applications

Pegasus Industrial is the new Wittur door for freight elevators. Thanks to its reinforcements and specially designed components Pegasus Industrial assures the safest solution for industrial applications.

Pegasus Industrial assures the safest solution for industrial applications and freight elevators.

ADVANTAGES:

- Reliable and robust structure designed for freight elevators and industrial applications
- A range of design solutions and options make Pegasus Industrial the ideal choice in case of freight elevator
- Reinforcement and "ad hoc" components assures the most safe solution for industrial applications
- Forklift application on panel

Durable and reliable

Reliable and robust structure designed for freight elevators and industrial applications.

Design

A range of design solutions and options make Pegasus Industrial the ideal choice in case of freight elevator: reinforcement and "ad hoc" components assures the most safe solution for industrial applications.

Wide range of doors

Wittur Pegasus Industrial is available in a wide range of door types to fulfill any installation requirement, with a wide range of fire certifications, vandal resistant executions, glass vision panels.

Powerful and energy efficient

The strong SUPRA brushless door drive, according to VDI 4707-2, can move heavy weight panels with low energy consumption per cycle.



PEGASUS Skyline

Version for high rise installations

Reliable and robust structure designed for high speed, high traffic lift systems.

Pegasus Skyline is the ideal solution for high rise applications

ADVANTAGES:

- Reliable and robust structure designed for high speed, high traffic elevator systems
- Silent high speed /rise door
- Special design to avoid air turbulence reduce noise

Durable and reliable

Reliable and robust structure designed for high speed, high traffic elevator systems.

Fast and silent

Fast and silent door opening ("high performance rollers", fixed external counterweight, door lock mounted on roller bearings).

Design

A range of design solutions and options makes Pegasus Skyline an ideal choice for high speed installations: "Rush Hour" option adjusts door speed according to time of day; labyrinth on both door opening and closing side avoid air turbulence through the chinks.

Wide range of doors

Wittur Pegasus Skyline is available in a wide range of door types to fulfill any installation requirement, from single panel to 4-panel central opening.

Wide range of finishing and option

A variety of available finishes and options including stainless steel cladding, framed glass panels or a hidden sill make it easy to adapt Pegasus Skyline to any level of interior design.

Energy Efficiency

The SUPRA brushless door drive, certified according to VDI 4707-2, can move heavy weight panels with low energy consumption per cycle.



PEGASUS Vandal Resistant

EN 81-71 Category II

Wittur Pegasus range of landing and car door types are available with full compliance to the vandal-resistant certification category 2 according to EN 81-71 European standard.

Wittur Pegasus range of landing and car door types are available with full compliance to the vandal-resistant certification category 2 according to EN 81-71 European standard.

This execution not only fulfills the requirements of EN 81-1/2 but also includes additional features that further improve safety compared with EN 81-71 category 1.

ADVANTAGES:

- Mechanism housed in a protection box
- An extra thick mechanism plate that accounts for higher rigidity
- Car door contact enclosed in a tamper-preventing box
- Labyrinth on panels
- Shoes in special execution to offer extended resistance against removal of door panels
- Holding brackets to keep door trucks on their course even when panels receive severe blows
- Door re-closing system pulley inaccessible from the lift entrance
- Redundant protection device for all landing door emergency opening keys that cannot be operated unless the protection device is turned off from the main lift controller
- re-enforced door panels with slanted tamper-preventing back profile at door closing side

1. **What is the purpose of the study?**
2. **What is the research question?**
3. **What is the hypothesis?**
4. **What is the significance of the study?**
5. **What is the scope of the study?**
6. **What is the methodology?**
7. **What is the conclusion?**
8. **What are the limitations of the study?**
9. **What are the implications of the study?**
10. **What are the future research directions?**



177 - 183

G





WITTUR

YOUR GLOBAL PARTNER FOR COMPONENTS,
MODULES AND SYSTEMS IN THE ELEVATOR INDUSTRY



WITTUR.COM



PEGASUS on
wittur.com



ADVANCING THE ELEVATOR INDUSTRY®

Subject to change without notice!
PEGASUS - SB.2.003428 - English - September 2014