

HYDRA

THE VERSATILE DOOR



Office



Shopping



Hotel



Hospital



Transport



Residential



Modernization



The versatile door

Hydra is the Wittur multifunctional door designed for maximum application flexibility. The wide variety of executions can be used with any kind of application, from residential buildings up to office buildings and hotels.

Landing doors		Car doors		Clear opening		Clear height	
Type	Illustration	Type	Illustration	Min.	Max.	Min.	Max.
01/C		02/C		600	1800	1900	3500
11/R		12/R		600	1800	1900	3500
11/L		12/L					
31/R		32/R		600	2100	1900	3500
31/L		32/L					
31/R		35/R		600	1400	1900	3500
31/L		35/L					
41/C		42/C		1200	3200	1900	3500
43/R		44/R		600	1150	1900	3500
61/C		62/C		1500	3200	1900	3500
65/R		66/R		900	1450	1900	3500
71/R		72/R		600	1400	1900	3500
71/L		72/L					



Landing Door

ADVANTAGES

- Multifunctional door designed for maximum application flexibility
- Wide range of executions, accessories and options
- Complete range of finishes with high range of customized solution
- Wide range of certifications available

Elevator Rated Speed	Up to 6 m/s
Clear Opening (mm)	500 - 3200
Clear Height (mm)	2500 - 3000
C2/Sill Package (mm)	180
T2/Sill Package (mm)	210
T3/Sill Package (mm)	256 / 302
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
EN 81-72	Optional
EN 81-58 E	Optional
EN 81-58 EI	Optional
BS 476 E	Optional
Aluminium Sill	Standard
Reinforced Sill	Optional
Hidden Sill	Optional
Door Closing	Spring / Counterweight

INSTALLATION



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

PERFORMANCE



- Upper rollers 56Ø mm of specific material for each kind of application to ensure the highest comfort and a reduced operating noise
- Reliable components

MAINTENANCE



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

EXECUTIONS



- IP 54 Optional
- IP 67 Optional
- DIN 18091
- Anti Vandal cat 1
- Explosion proof
- Firefighters elevators
- Marine
- ART execution
- Framed glass and full glass panels
- Standard landing door
- Fire resistant
- Different frame types and sizes possible including big frames
- Aluminium sill as standard
- Different sill types possible including heavy load sills
- St. steel mechanism possible

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 Part 22 clause 8&7
- China: GB7588.1/2, TSGT 7007-2022, GB27903
- Singapore: SS550, EN81-58
- Australia: AS1735
- Australia: AS1530
- Brazil: NBR NM_20
- Malaysia Bomba: EN81-58 E120/EI120
- UKCA

* Certification depends on door type

Car Door

Hydra Plus is a door system which can be used with any kind of application from residential buildings up to highly frequented office buildings and hotels.

ADVANTAGES:

Multifunctional door designed for maximum application flexibility

Wide range of executions and options such as special couplers for modernization to interface with existing landing doors of other manufacturers

Can be supplied as an automatic or a semi-automatic door for existing swing door installation with car door lock (restrictor)

Compliant with EN81-20/50

Modularity (various combinations between drives and models)

Pre-adjusted and tested in the factory with self-learning functions for opening and closing times speed

Car door lock available as standard for automatic doors



INSTALLATION



- Adaptions at existing components and special designed parts are possible
- Fast and easy installation because there is no more need for additional adjustments in the site
- Door operators are pre-adjusted and factory tested (Plug & Play)



PERFORMANCE



- Low energy consumption
- Smooth operation even at high door speeds
- Closing times according to disable people rules
- Fully electronically controlled closing force
- Different door drives possible ECO+.MIDI+,SUPRA - depending on the traffic of the installation
- Optional upper rollers 56Ø mm of specific material for each kind of application to ensure the highest comfort and a reduced operating noise

MAINTENANCE



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

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
- Automatic and Semi-automatic execution possible

FINISHES



- 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
- Automatic and Semi-automatic execution possible

CERTIFICATIONS



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

* Certification depends on door type



WITTUR

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



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