

Aquila Fully Clad Goods Lifts | 500kg to 2000kg



Features

- Easy to Install
- Robust Design
- Self-Supporting Structure Anchored to the Building
- Limited Requirements for Builders Work
- Up to 9 Metres of Travel
- Variable Car Sizes
- 500kg – 2000kg Load Capacity
- Minimal Pit 100mm
- No Separate Machine Room
- Through Car Options

Niche Goods Lifts, with options for goods only and passenger/attendants, are designed and manufactured for safe and reliable use in environments where the lift is required to travel up to a maximum of 4 stops.

With no machine room, no pit and no shaft headroom, the free-standing and self-supporting structure is supplied with full cladding and only requires limited building works. This makes them a highly cost-effective and ideal Goods Lift solution.



Optional shutter gate

The modular concept of the Niche Aquila Goods Only Lifts provides customers with a range of car sizes and duty capacities to suit business needs.

With internal car heights of up to 2200mm and load capacities of up to 2000kg, Niche Aquila Goods Only Lifts are more than capable of transporting a wide range of heavy and bulky goods.

Designed and manufactured for the job, Niche Aquila cars are all steel plate and have direct fluorescent lighting as standard. The standard floor is powder coated steel plate and there are options for rubber, aluminium or steel checker plate.

The doors are robust swing hinge as standard; shutter gates are available as an option.

The lift is fitted with a high quality, robust call and send control system with landing operating panels on each floor. The landing operating panels incorporate LED illuminated call and send push buttons and an emergency stop button to provide safe usage.

Benefits

- Easy to install
- Safe and easy to use
- Free standing
- Fully clad with options for different finishes
- Various options for landing doors
- Minimal builders work
- Up to 4 stops
- Variable car sizes
- 500Kg – 2000kg load capacity
- No pit
- No separate machine room
- Through car options

Our Goods Lifts are designed specifically for the movement of goods and fully comply with the EC Machinery Directive 2006/42/EC.

Aquila Goods Only Fully Clad Lift Specifications

Model Type:	Goods only fully clad lift
Rated Load:	500, 1000, 1500, 2000kg
Speed:	0.15m/s
Drive system geared traction machine:	VVVF speed regulator
Power supply:	3-phase 380-400-415 Vac
Installation:	Free-standing modular structure. RAL 9005 Black Anchoring the structure to each floor is recommended
Lift car:	- Built in steel plate, finished in RAL 7032 Beige - Floor finish in steel plate, coated in RAL 7032 Beige - Direct fluorescent lighting - Other finishes available upon request
Entrance configuration:	Single or open through at 180°
Landing doors:	Manual single or double hinged with window. Finished in epoxy painted steel. RAL 9005 Black. UNE EN 81-58:2004 E120
Lift car door:	The standard model is supplied without car doors
Height of structure:	Max. 12m
Travel:	Max. 9m
Number of levels:	Max. 4 levels
Guides length:	5m
Minimum travel between floors with same entrance:	2150mm (1800 car height + 350mm)
Minimum travel between floors with different entrance (0 and 180):	350mm
Minimum headroom:	Lift car internal height + 700mm
Minimum structure headroom:	Lift car internal height + 600mm
Pit:	The standard package is supplied with a 100mm pit incorporated into the structure
Traction:	Gearbox with 1 brake
Control system:	APB call and send lift control system from landings
Landing operating panel:	- Push buttons with led - Emergency stop push button
Shaft lighting:	Direct fluorescent lighting
Lift car internal height:	1800, 1900, 2000, 2100, 2200mm
Lift car width:	From 1000mm to 2000mm in 100mm increments
Lift car depth:	From 1000mm to 2000mm in 100mm increments
Minimum necessary lift shaft width:	Lift car width + 470mm
Minimum necessary lift shaft depth:	Lift car depth + 180mm



Niche Aquila Attended Goods Lifts are ideal for a wide range of building types and are particularly suitable for factories, warehouses and distribution centres where space is always at a premium.

Like our other Goods Lifts, our Aquila Attended Goods Lifts are built and assembled on-site within a rapidly erected, self-contained steel shaft structure. This makes them ideal for use in premises where the stairway is not in close proximity to the lift shaft, or, in some cases, where goods are being frequently moved and require worker handling.

The structure only requires anchoring to the building at each landing level. The cladding is finished in powder coated RAL 9005 Black, however, there are options for alternative finishes and for the lift shaft to be fully enclosed within the building fabric*.

The modular design provides customers with a range of car sizes and duty capacities, including 500kg, 1000, 1500 and 2000kg.

Benefits

- Can be controlled by an attendant or from the landing
- Car operating panel incorporates a constant pressure switch for safety
- Car entrapment alarm with options for telephone connectivity
- Full height category 2 light beams to prevent door closing impacts
- Will carry up to two competent attendants
- Fully clad with options for different finishes
- Various options for landing and car doors
- Up to 4 stops
- Variable car sizes
- 500Kg, 1000, 1500 and 2000kg load capacity

**In the case of a fully enclosed lift shaft: at the terminal landing there must be 600mm clearance above the door opening to allow access to the maintenance trapdoor. On the other floors, the structural opening must be at least the lift car headroom + 180mm.*

Aquila Attended Fully Clad Goods Lifts Specifications

Model Type:	Attended fully clad lift
Rated Load:	500, 1000, 1500, 2000kg
Speed:	0.15m/s
Drive system geared traction machine:	VVVF speed regulator
Power supply:	3-phase 380-400-415 Vac
Installation:	Free-standing modular structure. RAL 9005 Black Anchoring the structure to each floor is recommended
Lift car:	- Built in steel plate, finished in RAL 7032 Beige - Floor finish in steel plate, coated in RAL 7032 Beige - Direct fluorescent lighting - Galvanized car roof - Car operating panel. Floor push buttons, attendant key switch, alarm button, stop switch - Performance Level C certified light curtain system according to EN ISO 13849-1. Cat.2 - Other finishes available upon request
Entrance configuration:	Single, or open through at 180°
Landing doors:	Manual single or double hinged with window, finished in epoxy painted steel RAL 9005 Black. UNE EN 81-58:2004 E120
Lift car door:	The standard model is supplied without car doors
Height of structure:	Max. 12m
Travel:	Max. 9m
Number of levels:	Max. 4 levels
Guides length:	5m
Minimum travel between floors with same entrance:	2150mm (1800 car height + 350mm)
Minimum travel between floors with different entrance (0 and 180):	350mm
Minimum headroom:	Lift car internal height + 700mm (+ 750mm for 1500kg and 2000kg)
Minimum structure headroom:	Lift car internal height + 600mm (+ 650mm for 1500kg and 2000kg)
Pit:	The standard package is supplied with a 100mm pit incorporated into the structure Gearbox with 2 brakes
Traction:	APB call and send lift control system from landings. Constant pressure lift control in car. (key switch to select operation mode)
Control system:	
Landing operating panel:	- Push buttons with led - Emergency stop push button
Shaft lighting:	Direct fluorescent lighting
Lift car internal height:	1800, 1900, 2000, 2100, 2200mm
Lift car width:	From 1000mm to 2000mm in 100mm increments.
Lift car depth:	From 1000mm to 2000mm in 100mm increments.
Minimum necessary lift shaft width:	Lift car width + 470mm
Minimum necessary lift shaft depth:	Lift car depth + 180mm
Unintended car movement protection:	The standard model is supplied with unintended car movement protection means

Aquila Fully Clad Goods Lift Dimensions

Lift Car				Structure	Shaft	
Car Width	Entry Clearance			Car Internal Height	Width	Width
	No Lift Car Door		Manual Folding Picket Gate			
	Manual Shutter Gate	Outswing				
1000	805	900	805	Car height	1404	1470
1100	905	1000	890	Car height	1504	1570
1200	1005	1100	970	Car height	1604	1670
1300	1105	1200	1070	Car height	1704	1770
1400	1205	1300	1155	Car height	1804	1870
1500	1275	1400	1235	Car height	1904	1970
1600	1375	1500	1335	Car height	2004	2070
1700	1475	1600	1420	Car height	2104	2170
1800	1575	1700	1500	Car height	2204	2270
1900	1650	1800	1600	Car height	2304	2370
2000	1750	1900	1685	Car height	2404	2470

Lift Car			Structure	Shaft	Structure	Shaft
Car Depth	Entry Clearance				Depth	Depth
	Single Entrance		Open Through			
	Manual Shutter Gate	No Gate	Manual Folding Picket Gate	No Gate		
1000	850	950	800	1000	1120	1180
1100	950	1050	900	1100	1220	1280
1200	1050	1150	1000	1200	1320	1380
1300	1150	1250	1100	1300	1420	1480
1400	1250	1350	1200	1400	1520	1580
1500	1350	1450	1300	1500	1620	1680
1600	1450	1550	1400	1600	1720	1780
1700	1550	1650	1500	1700	1820	1880
1800	1650	1750	1600	1800	1920	1980
1900	1750	1850	1700	1900	2020	2080
2000	1850	1950	1800	2000	2120	2180

If you need advice, want to talk about any of our products and how to achieve the best solution, we are happy to help.

Call us now to discuss the best solution for you – 020 8295 2852

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