

## Vela Service Lifts Dumbwaiter and Trolley Lifts



### Features

- Up to 15 Metres of Travel
- Galvanized Self-Supporting Structure
- Stock Models and Bespoke Options
- Standard Finishes and Bespoke Options
- Variable Car Sizes
- Ex Stock
- No Separate Machine Room
- Less Expensive Than Hydraulic Options
- Fast Delivery

Niche Vela Service Lifts are all supplied with fully self-supporting structures, that provide fast and easy installation. A minimal level of building work is required to tie the structure to the building for stability. As a result, the installation causes negligible disruption in occupied buildings.

They are ideal for a wide range of environments that include catering, hospitality, document storage and stock management. Niche Vela Service Lifts assist by enabling goods - food in particular - to be transported between floors both quickly and safely, reducing the risk of injury that comes with manual handling.

### Niche Dumbwaiters & Trolley Lifts

We provide and install Dumbwaiter Service Lifts with doors at serving height and Trolley Lifts with entrances at floor level.

## Vela Service Lifts | Dumbwaiter Lift

The Niche range of Dumbwaiter Lifts are designed, manufactured and installed to provide easy movement of small goods or foods efficiently between floors. Their wipe-clean surfaces and serving height loading, at each level, helps users when moving items from similar height counters or surfaces. They are the perfect solution for moving food prepared at a level either lower or higher than at a restaurant's customer serving level. As a result, they are most commonly found in catering environments and hotels.

The Niche Dumbwaiter Lift is capable of traveling vertically up to 15 metres and is housed in a self-supporting lift structure, making it quick and easy to install. We can supply from stock as a standard product, or manufactured to your bespoke specifications.

### Benefits

- Serving height loading
- Wipe-clean surfaces
- Up to 15 metres of travel
- Quiet motor
- Self-supporting structure
- No pit required
- Ex stock or built to suit your requirements
- Variable car sizes
- No separate machine room required
- Fast delivery



## Vela Service Lifts | Dumbwaiter Lift - Specifications



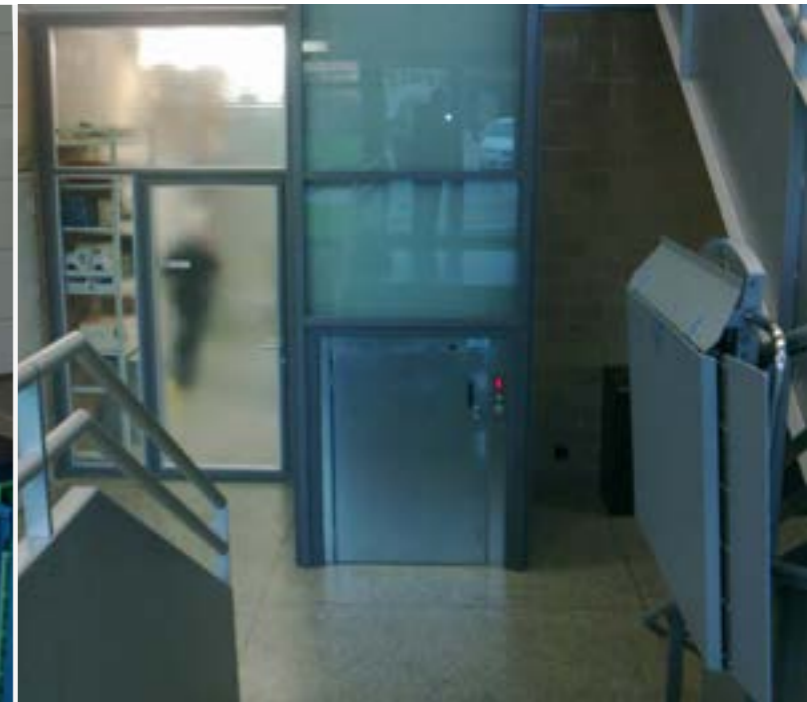
<b>Model Type:</b>	Service lift, with entrances at serving height
<b>Rated Load:</b>	Up to 100kg
<b>Rated Speed:</b>	0.3m/s
<b>Drive Type:</b>	Traction, machine above
<b>Number of Stops:</b>	Up to six stops
<b>Power Supply:</b>	415v, 3-phase, 50hz, 4-wire. Single phase also available on request.
<b>Travel:</b>	Up to 15 metres
<b>Pit:</b>	Not required
<b>Car:</b>	Galvanised or stainless steel car with manual door operation. Safety gear can be provided if required.
<b>Controls:</b>	Call and send buttons at each landing. Lift in use, car position indicator and door open buzzer at each landing.
<b>Configuration:</b>	Single entry, through car or adjacent available
<b>Door Type:</b>	Vertical bi-parting on landings. Galvanised or stainless steel finish available with or without fire certification.
<b>Shaft Enclosure:</b>	Standard free-standing galvanised structure clad by others. Note structure requires horizontal ties to the building fabric.

<b>Special Items:</b>	Light & socket in the machine room, lift arrival buzzer, lift out of use indicator and machine room access door.
<b>Options:</b>	- Single phase (230volt) unit - Stainless steel finishes - Fire rated entrances - Shaft enclosure cladding - Heated shelf - Variable car sizes
<b>Standards:</b>	Compliance EN81.3 EC Machinery Directive 2006/42/EC
<b>Documentation:</b>	Owners guide issued on completion.

Model Type	Load	Car Width	Car Depth	Car Height	Shaft Width	Shaft Depth	Headroom
50.45/0	50kg	600	600	800	920	780	2790
50.45/5 ⑤	50kg	460	570	800	750	750	2600
100.45/0	100kg	800	800	800	1120	980	2790
100.45/5 ⑤	100kg	710	820	800	1000	1000	2600
100.45/1	100kg	1000	1000	1200	1320	1180	3390
50.45/7	50kg	600	600	800	920	840	2790

- Notes**
1. Headroom based on a serving level (SL) of 800.
  2. Variable dimension cars available - please call for information.
  3. Shaft depth dimensions suitable for through car arrangement.
  4. Rated Speed 0.45 m/s.
  5. These models are available ex stock, up to a maximum travel of 7.3 metres with 3 openings.
  6. Bi-parting car doors reduces the car internal depth by 30mm per door and the clear opening height by 65mm.
  7. A car roller shutter reduces the car internal depth by 35mm per shutter, reduces the clear opening width by 40mm and height by 65mm.





The Niche Trolley Lift has a car height in accordance with EN81-3. The floor loading level makes it ideal for transporting trolleys, small goods, barrels, refuse and general bulky items floor-to-floor, without the need for manual handling.

Like our other Service and Goods Lifts, the Niche Trolley Lift is contained within its own self-supporting structure. The structure can be installed within a building's pre-constructed lift shaft or supplied to allow for local cladding. In all cases, to ensure stability, the structure requires horizontal ties to the building fabric.

The range of Niche Trolley Lifts are ideal for transporting goods of 100kg to 300kg over a range of 15m or six floors. They are available as single or through car entrances and have hinged doors on each landing. For additional safety, they can be supplied with optional lattice or a drop bar gate.

**Benefits**

- Up to 15 metres of travel
- Self-supporting structure
- 100-300Kg load capacity
- Minimal pit required
- Variable car sizes
- Robust design
- No separate machine room required
- Fast delivery

**Model Type:** Trolley Lift  
**Rated Load:** 100, 200 or 300kg capacity.  
**Rated Speed:** 0.25m/s  
**Drive Type:** Traction or chain drive depending on duty, machine above  
**Number of Stops:** Up to six stops  
**Power Supply:** 415v, 3-phase, 50hz, 4-wire  
**Travel:** Up to 15 metres  
**Pit:** Nominal 350mm deep pit can be reduced to 200mm  
**Headroom:** 2600 (Door Height +1360)  
**Car:** Galvanised car with option of drop bar or lattice gate. Safety gear available upon request if there is accessible space below the lift shaft.  
**Controls:** Call and send buttons at each landing. Lift in use, car position indicator and door open buzzer at each landing.  
**Configuration:** Single entry or through car.

**Door Type:** Swing hinge doors on landings. Galvanised finish.  
**Shaft Enclosure:** Standard free-standing structure clad by others. Note structure requires horizontal ties to the building fabric. Galvanised non-fire rated cladding can be provided  
**Special Items:** Light & socket in the machine room, lift arrival buzzer and lift out of use indicator.  
**Options:** - Stainless steel finishes  
 - Fire rated landing doors  
 - Adjacent entry  
 - Variable car sizes (500-1000 wide x 600-1000 deep x 800-1200 high)  
 - Reduced headroom and under bar configurations  
**Standards:** Compliance EN81-3  
 EC Machinery Directive 2006/42/EC  
**Documentation:** Documentation owners guide issued on completion.

Arrangement	Car Width	Car Depth	Internal Car Depth	Door Opening Width	Car Height	Shaft Width	Shaft Depth
Front Loading with Car Drop Bar	1000	1000	960	960	1200	1350	1100
Through Loading with Car Drop Bars			920				
Front Loading with Car Lattice Gate			1000	800			1210
Through Loading with Car Lattice Gates							1310



Self-contained dumbwaiter



Ladder option to allow for access to the lift machinery

If you need advice, or want to talk about any of our products and how to achieve your desired objective, we are here to help.

We won't ask for any commitment, and we offer helpful, friendly guidance to assist you with the most cost-effective and advantageous platform lift solutions for you and your business.

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

**Niche Lifts Ltd**  
Steel House  
4300 Parkway  
Solent Business Park  
Whiteley  
Fareham  
PO157FP

Tel: 020 8295 2852  
Fax: 020 8466 1695  
sales@nichelifts.com  
www.nichelifts.com