

THE
Microlift
SERVICE LIFT RANGE
50 & 100kg



*THE MOST VERSATILE RANGE
OF HIGH QUALITY ELECTRIC
SERVICE LIFTS*

Microlift

SERVICE LIFTS

- Food ■ Documents ■ Crates
- Industrial Equipment ■ Small

1 Wide Range

Four 50kg and two 100kg models cater for every lifting requirement – from food, laundry and documents to beer crates and barrels, small trolleys and industrial equipment.

1 Quick, Simple Installation

The Microlift operates inside a rapidly-erected, structure supported frame which is easy to install and requires minimal builder's work. No separate motor room or load-bearing shaft is needed, which helps to keep costs down.

1 Available from Stock

All models are normally available from stock, which means that a Microlift can be installed and working within a few days, depending on the building work.

1 Easy Handling

Up to three-way entry on every floor to give most convenient access positions.

1 Proven Quality & Reliability

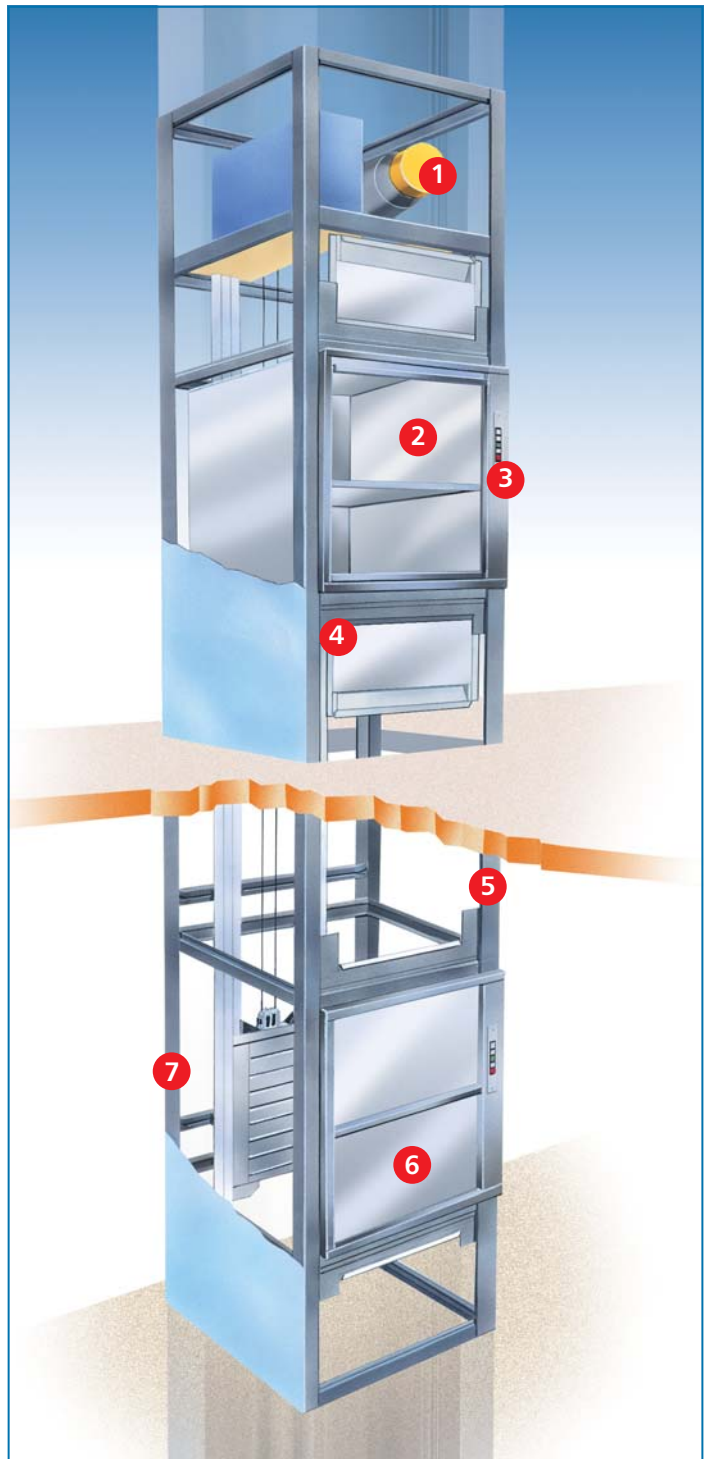
Over 60,000 installations throughout the world are convincing proof of Microlift engineering quality and reliability.

1 Choice of Finishes

The finish of the lift car and rise and fall shutters can be tough grey baked enamel or stainless steel.



Hinged door option on 100kg Microlifts



- 1 Quiet and Efficient Motor
- 2 Easy-Clean Finish
- 3 Robust Push-Buttons, Fully Automatic Control
- 4 Interlocked Entrances for Extra Safety
- 5 Galvanised Framework for Long Life
- 6 'Rise and Fall' Shutters, or Hinged Doors for Ease of Access
- 7 Structure Supported Frame

INSTALLATION NOTES AND BUILDER'S WORK:

Builder's Work

Preliminaries

The Microlift can be installed by our fitters in just a few days with the minimum disruption to premises. Preliminary builder's work is straightforward. All that is normally required prior to installation is an appropriately-sized opening in each floor, a flat level base capable of supporting downward deadloads and an electrical power supply at the top floor served.

We can provide your builder with exact builder's work details and drawings for your installation and, where necessary, liaise directly with the builder to ensure the whole operation runs smoothly.

After the Installation

Your builder will need to provide an enclosure around the Microlift to protect against moving parts and conform with your local fire regulations. Permanent safe access to the motor must be provided to comply with current safety regulations. The lift installation and associated builder's work should comply with the Supply of Machinery (Safety) Regulation 1992 and be 'CE' marked accordingly.

Installation Notes:

Headroom: The floor to ceiling height on the top floor served must be able to accommodate the winding unit. If there is insufficient headroom, we can make substantial reductions with our 'Low Headroom' settings and suggest you contact us for details.

Serving Height: This is normally set at 800mm but is fully adjustable before installation. To accept trolleys, the serving height can be at floor level – contact us for details.

Shaft: These dimensions give the minimum inside shaft width and depth that must be provided to enable your Microlift to be installed.

STANDARD STOCK DIMENSIONS

ALL DIMENSIONS ARE NOMINAL & IN MM

All 50kg models are available only with rise and fall shutters

MODEL	CAPACITY	CAR			SHAFT		ENTRANCE		SERVING HEIGHT (variable)	PIT DEPTH	HEAD-ROOM
		WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	WIDTH	HEIGHT			
DD50	50kg	510	320	800	725	520	320*	770	800	-	2600
50A	50kg	545	420	800	820	640	420*	770	800	-	2600
50B	50kg	520	520	800	800	800	420	770	800	-	2600
50C	50kg	620	620	800	900	900	520	770	800	-	2600

MODEL	CAPACITY	CAR			SHAFT		**ENTRANCE		SERVING HEIGHT (variable)	PIT DEPTH	HEAD-ROOM
		WIDTH	DEPTH	HEIGHT	WIDTH	DEPTH	WIDTH	HEIGHT			
100A	100kg	720	720	1000	1000	1000	620	970	800	-	2800
WITH RISE AND FALL SHUTTERS											
100A	100kg	720	720	1000	1000	1000	620	1000	FLOOR LEVEL	**350	2000
WITH HINGED DOORS SERVING AT FLOOR LEVEL											
100B	100kg	820	820	1200	1100	1100	720	1170	800	-	3000
WITH RISE AND FALL SHUTTERS											
100B	100kg	820	820	1200	1100	1100	720	1200	FLOOR LEVEL	**350	2200
WITH HINGED DOORS SERVING AT FLOOR LEVEL											

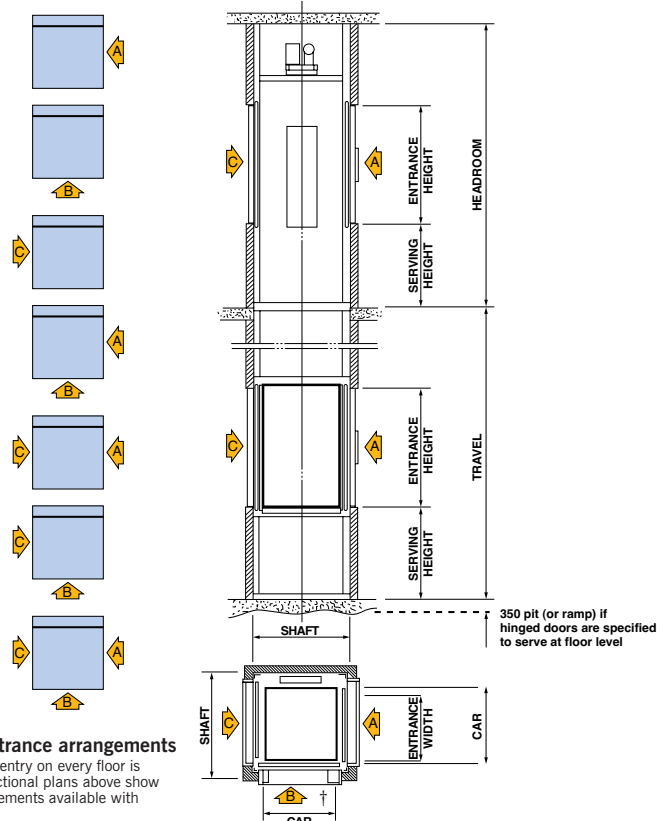
Note * Entrance position 'B' is not available on the DD50 model but can be provided on the 50A model with a reduced entrance width of 320mm.

** A reduction in the pit depth is possible – please contact us for details.

*** ENTRANCE DIMENSIONS – These are reduced as follows if a collapsible picket gate is fitted to the lift car-
 Width Height
 100A 550mm 890mm
 100B 620mm 1090mm

Note:

Some of the above dimensions can be varied to suit your individual requirements – by modification of stock models or by special manufacture – please contact us for details.



Choice of entrance arrangements

Up to three way entry on every floor is possible. The sectional plans above show the many arrangements available with the Microlift.†

Microlift

BRIEF SPECIFICATION:

Load:	50kg and 100kg.
Car:	Constructed in mild steel, finished in grey baked enamel with a stainless steel base and a removable stainless steel shelf. The car can also be finished in stainless steel.
Landing Entrances:	High quality rise and fall shutters or hinged doors are fitted with safety locks and can be finished in either grey baked enamel or stainless steel.
Car Entrance Protection:	Whilst it is not essential to fit doors onto the car itself, it is highly recommended to do so. If doors are not fitted, other means of restraining the goods should be assessed and provided. Stainless steel rise and fall doors are available for all models, whilst collapsible gates are available on the 100kg models as an option.
Mounting:	The Microlift is supplied in a structure-supported frame which is galvanised for longer life. We do not require a separate motor room or 'load-bearing' lift shaft. For details, please ask for our builder's work folder.
Floors served:	Can serve up to 12 floors.
Speed:	0.35m/s (70ft/min).
Controls:	Fully automatic push button control, with call and despatch facilities at each entrance. For that extra reassurance, 'lift arrival', 'lift occupied' and 'lift position indicators' together with an 'arrival buzzer' are fitted as standard.
Operation:	The operation is smooth and quiet with a highly efficient motor winding unit with a reliable controller. Combined with a counter-balance drive system, this ensures electrical consumption is minimal.
Winding Unit:	Mounted at the top of the lift structure within the headroom dimensions shown overleaf. The motor drives a high quality reduction gearbox fitted with a traction vee-sheave. An electro-magnetic disc brake is supplied, with emergency release mechanism.
Electric Supply:	415 Volt-3 phase-50Hz or 240 Volt-1 phase-50Hz. A 16 amp isolator should be supplied for the lift by your electrician to be fixed adjacent to the lift at the top floor served.
Installation:	A 2-floor Microlift normally takes us 1-2 days to install depending on site conditions.
Delivery:	Normally available from stock.
Enclosure:	Normally by others.
Maintenance:	We recommend the Microlift is serviced and inspected every 3 months by competent lift engineers. This is to ensure efficient and reliable operation. We will arrange servicing after installation.
Guarantee:	The Microlift is guaranteed for twelve months from completion of installation, subject to it being serviced regularly by our engineers.
Policy:	We are continually developing and improving the Microlift range and reserve the right to alter specifications, dimensions and prices without prior notice .
Safety:	Once installed, tested, commissioned and all the building work is complete, the Microlift will comply with the Essential Safety Regulations (ESRs) of the Supply of Machinery (Safety) Requirements 1992, otherwise known as the Machinery Directive.

