

Lift

Columbi® III

For any level difference from 0-3 metres



Columbi® III vertical lifts are designed for extreme weather conditions. Columbi® lifts are known for their high quality and reliability.

Columbi® III is a very flexible vertical lift that can be installed in connection with buildings or in open terrain, wherever there is a need to eliminate level differences.

The lift is designed to move one person in a wheelchair vertically from one level to another.

Columbi® III has a modern design that blends into most environments and helps neutralise the lift in its surroundings. Emphasis has been placed on the lift taking up as little space as possible in combination with good space in the basket.

Columbi® III can also be used indoors.

User-friendly

All switches and necessary functions are clearly labelled and located so that they are easily accessible for wheelchair users. The control panel can be operated with a joystick. The lift is equipped with automatic doors.

Safety – priority one during development

The vertical lift has a number of built-in safety systems.

Operation switches: The up and down switches must be held in to operate the lift.

Emergency stop switch: The lift is equipped with an easily accessible emergency stop switch.

Doors: Both doors must be closed and in the locked position to operate the lift.

Safety board: A safety board is mounted under the lift basket, and it will stop the lift if it comes into contact with any foreign object.

The lift is equipped with an emergency lowering function. In the event of an unwanted stop or power failure, the lift can be lowered by means of the emergency lower handle.



Simple installation and service

The lift is easy to install, and any necessary service can be performed quickly and easily. This provides lower installation and maintenance costs.

The lift is delivered assembled and is lifted into place in one piece by means of a crane.

The motor housing is delivered separately and can be located wherever the customer wants.

The lift's control system is based on future-oriented digital technology, which also monitors the lift's safety systems.



Columbi® III (serial number from D1001)

Item no.	Product	Lift height from	Tower height
30910010	Columbi III Lift	0-1,0 m	2,275 m
30910012	Columbi III Lift	0-1,2 m	2,475 m
30910014	Columbi III Lift	0-1,4 m	2,675 m
30910016	Columbi III Lift	0-1,6 m	2,875 m
30910020	Columbi III Lift	0-2,0 m	3,433 m
30910023	Columbi III Lift	0-2,3 m	3,883 m
30910026	Columbi III Lift	0-2,6 m	4,334 m
30910030	Columbi III Lift	0-3,0 m	4,933 m

Columbi® lifts are manufactured and adapted to satisfy all the requirements of the Machine Directive and ISO 9386-1.

Accessories:

Heating cable cassette - Can be installed in the bottom frame of the lift. This helps keep the lift free of snow and ice, and it prevents frost heaving below the lift.

Battery backup - Makes it possible for the user to initiate lowering from the basket in the event of a power failure.

Remote control - The lift can be equipped with remote control according to the wishes of the customer.

Extension set for motor housing - The hydraulic hose set can be extended by 3 metre extension sets so that the motor housing can be placed at a

relatively long distance from the lift. The hose set has quick-release connectors.

Optional side plates - Plexiglas side plates can be delivered for the basket and doors. The Plexiglas sides are available clear or tinted.

Key switch - The lift can be delivered with a lockable emergency stop switch, so that the lift cannot be operated without a key.

Alarm bell - The lift can sound an alarm when it is operating.

Joy stick - The control panels can be equipped with a joystick.

TECHNICAL SPECIFICATIONS

Net lift weight:	650 kg
Maximum speed:	0.10 m/s
Average lifting speed:	0.07 m/s
Max. load	300 kg
Noise value	9.3 dB
Materials	Aluminium, galvanised and powder coated steel

POWER SUPPLY

Frequency	50 Hz
Current	Single phase
Circuit	16 A slow fuses
Voltage	230 Volt
Signal current	24 Volt AC
Heating cable	220 Watt

Doors

Door motor	24 Volt DC
Fuse	Thermal fuse in PLC



SMEYERS - TU

Guldmann Stepless