



BA 100 BELT-DRIVEN LIFT
SB 200 SCREW-DRIVEN LIFT



The main levers of our business –
quality, professionalism and integrity.

BARDUVA APPRECIATES THE QUALITY!



BA 100 BELT-DRIVEN LIFT

BA 100 lift was designed and engineered combining a new design with the latest technology. The result is a new vertical platform lift with low energy consumption and noiseless work because of belt-driven system. Belt-driven system is smooth running, silent and without any jerky starts and stops. The combination of a high efficiency solutions and belt drive system makes 400 kg capacity of **BA 100** lift more compact and smoother to ride to 13 m height and to reach a nominal 0,15 m/s speed. **BA 100** lift is made in the compliance with the European Machinery Directive 2006/42/EC and EC-type tested.

BA 100 application

BA 100 lift's compact design requires around 10% less floor area than an equivalent screw drive machine because of the drive motor on the platform and guide rails deployment. Modern construction hides the lift mechanisms and 4 glazed walls of the shaft extend an inner space of the lift. Free-standing shaft structure broadens the outlook of architects imagination and adaptability of objects due to an enclosed platform lift which can be accommodated more easily, using existing space in an open area or in the centre of an existing staircase. Front, rear and adjacent entry doors we can offer with automatic opener devices and remote control possibility which assures a high quality of user's life. Doors have openings of even 940 mm for 1165 x 1485 mm platform and at least 740 mm for special sizes of the platform.

For outside use **BA 100** aluminium parts are anodized and all steel parts are powder coated to avoid corrosion.

Strong security equipment

BA 100 lift uses less energy due to motor, which requires only 0.6 kW and belt drive combination power ensures low operation cost. Full safety equipment with manual and electrical emergency lowering device



is always equipped in the standard. **BA 100** lift has reliable safety circle and suitable protection – emergency stop and alarm device, overspeed governor, frequency converter, motor overload, safety gear fully operate safety system. There is a control of belt condition.

An ergonomic and functional deployment of the push buttons and hold-to-run control ensure easy and comfortable lifting process where people can remain in their wheelchair and completely feel independent when they ascend or descend.

Benefits:

- Bespoke shaft and platform sizes
- Four sides glazed aluminium shaft
- Economical
- Full equipment for safety with diagnostic module
- Emergency lowering device included in the standard

In order to improve **BA 100** lift cost-effectiveness every part of the lift is stated and combined for easy usage and practicality. **BA 100** requires less maintenance and belt-driven system does not require lubrication.



SB 200 SCREW-DRIVEN LIFT

Barduva offers a support increasing the independence of elderly or disabled people and improving the convenience of those who care for them with screw driven machine roomless platform lift **SB 200**.

SB 200 lift is a screw driven vertical platform lift which is designed according to the Machinery Directive 2006/42/EC and complies with the European platform lifts standards: operating system – hold-to-run control, rated speed not exceeds 0,15 m/s, travel height to 13 m (6 landings) and with max 400 kg load capacity. Carefully considered and an attractive lift design, comfortable to use and easy installation.

SB 200 adaptability

SB 200 lift conforms to the most common platform size of 1070 mm x 1485 mm and can be easily fitted in all kind environments both private and public: internally or externally (with outdoor options for external application), personalize with different RAL colours for steel panels cladding shaft or/and all shaft structure, also with laminated glass panels, where

exclusive panoramic door creates incredible aesthetic view. For standard lift finishing we offer anodized aluminium prefabricated shaft with steel panels (RAL 9006). Self-sustaining shaft structure with supporting beams can be installed directly on the floor with ramp, no pit and **SB 200** entrances are accessible at all floors. An installer will no need to care of large construction work, a machine room and quickly will install a lift. We confirm that particularly light aluminium panoramic doors create a high level of comfort to installers and users.

Full technical support

SB 200 lift is developed as a high-security lift - strong safety equipment and reliable devices for emergency lowering case. The person will be transferred to a lower floor without any discomfort in the event of the power failure. For your convenience emergency lowering device is always included in the standard. The lift is equipped with an emergency stop and alarm device as well. Other options for more comfortable use:

- Automatic door openers
- Electronic „Dallas“ entrance keys, programmable for each level or door
- Remote control
- Mechanical call button locking key
- Wireless emergency call phone
- Remote monitoring and lift's telemetry device
- Integration with fire alarm of the building.

Benefits:

- Aluminium shaft
- External control system
- Full glazed aluminium door as a standard
- Strong safety system with a fault finding module
- Quick and easy installation

SB 200 lift is an accessible solution for a comfortable life! We offer the outstanding quality for a good price. Our specialists are highly qualified and experienced and they will quickly answer the questions you need. We seek a strong partnership with our clients and are committed to focus on their requirements.

BA 100 lift technical specifications

Drive system.....	Belt-driven
Rated load	400 kg 4 / 5 persons
Speed.....	0.15 m / sec
Travel	Up 13 m (6 landings)
Platform	1485 x 1165 (length x width, mm)
Shaft dimensions	1540 x 1380 (length x width, mm)
Footprint dimensions ..	1580 x 1420 (length x width, mm)
Headroom.....	2250 mm
Pit	50 mm
Shaft.....	Aluminium profiles with glass or steel panels
Door configurations ...	Single entry, 3 configurations of doors at the same landing
Door type.....	Single hinged doors or gates
Door clearance	2000 x 940 mm
Gate clearance.....	1300 x 940 mm
Power supply	220-240 V, 1 phase
Motor power.....	0.6 kW
Shaft wall sections:....	0,5 mm steel panel / 10 mm extruded polystyrene / 0,5 mm steel panel. Or 4 mm tempered glass / 0,8 mm film and 4 mm tempered glass
Visual glass part:	9 x 624 x 1259 mm
Full glass panel:.....	9 x 724 x 1359 mm

SB 200 lift technical specifications

Drive system.....	Screw-driven
Rated load	400 kg 4 / 5 persons
Speed.....	0.15 m / sec
Travel	Up 13 m (6 landings)
Platform	1485 x 1070 (length x width, mm)
Shaft dimensions	1540 x 1460 (length x width, mm)
Footprint dimensions ..	1580 x 1500 (length x width, mm)
Headroom	2250 mm
Pit	50 mm
Shaft.....	Aluminium profiles with glass or steel panels
Door configurations ...	Single entry, 3 configurations of doors at the same landing
Door type.....	Single hinged doors or gates
Door clearance	2000 x 940 mm
Gate clearance.....	1300 x 940 mm
Power supply	220-240 V, 1 phase 380-400 V, 3 phase
Motor power	2,2 kW
Shaft wall sections:....	0,5 mm steel panel / 10 mm extruded polystyrene / 0,5 mm steel panel. Or 4 mm tempered glass / 0,8 mm film and 4 mm tempered glass
Visual glass part:	9 x 624 x 1259 mm
Full glass panel:.....	9 x 724 x 1359 mm



With the purpose of increasing the technical support for our customers Barduva lifts have fault finding – diagnostic board option which allows to observe in your computer a technical fault in the electrical system wherever you will be. Using this diagnostic board is possible to change the parameters of the programmable fields of the control system and execute some commands concerning the movement of the lift. Information can be sent using internet in WEB server module by GSM channel (when SIM card is inserted) in sms, email, files by FTP protocol and etc. Connection to the main controller with diagnostic module makes easier to follow the states of many electrical parameters of the lifts in real time. Diagnostic board is supplied with clear operation instruction.



Barduva's qualified specialists team is focussed on accurate and careful projection, planning and production management process. Bespoke platforms sizes, extra components and accessories are prefabricated in Barduva factory. Due to personalize your design decisions we supply non-standard glass sizes under your measurements (max height 1050 mm). In order to meet different requirements, we supply 2100 mm door height. Also Barduva lifts can be delivered with 1300 mm high gates for the top floor.

Barduva provides cost-effective solutions for partners who may require disabled access decisions.

CONTACTS:

Please contact us to discuss your platform lifts requirements or you are always welcome in our factory in Vilnius.

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