

# Platform SF 600

## Mechanical Engineering and Quality Control

### Mechanical Engineers

#### Lifting Platform SF 600

**The SF 600 lifting platform** is capable of carrying a wheelchair and user over small height differences of up to 600 mm. It can be easily moved by two people (or even one person) and is suitable for indoor or outdoor applications. The design of the platform addresses all the relevant requirements of the Australian Standard AS 1735.14-1998. The platform is for wheelchair users only.

#### Minimum Dimensions

Load Capacity	- 190 kg Maximum.
Power	- 240 V AC, 1 Amp/ 24 V DC, 10 Amp
Lift Width overall	- 976 mm
Platform Working Width	- 812 mm
Platform Working Length	- 1300 mm
Platform length with ramp up	- 1440 mm
Platform length with ramp down	- 1739 mm
Lift Range	- 100 mm to 600 mm
Minimum Door Width Required	- 850 mm

#### Weight and Materials

Weight	- 68 kg
Materials:	
Outside	- Aluminium
Inside	- Galvanized Steel

### **Other Dimensions**

Stowed Width	- 1440 mm
Stowed Depth	- 800 mm
Stowed Height	- 1105 mm

The unit can be put on its side to minimise stowing area required.

### **Operation**

The driving mechanism is a screw actuator, 24V DC.  
The main actuator is of worm gear type. In the case of a power failure it will stop at the spot the power interruption occurred.

The unit is operated using a hand held control. There are only two buttons to manipulate, so no prior knowledge is required.

#### **To raise the lifting platform from its lowest level:**

1. When lifting platform is at its lowest level, and the access ramp has been lowered to that level, the wheelchair user can drive into/up onto the lifting platform without hindrance.
2. Pressing UP button on the hand held controller raises the access ramp; this then functions as a guard against rolling off - the action is continuous as long as the button is being depressed
3. When the access ramp has been raised to its highest level and the UP button is still being depressed the platform will rise.
4. As soon as the lifting platform is level with the landing the platform stops automatically and the user can drive onto the landing.

#### **To lower the lifting platform from its highest level:**

1. The wheelchair user drives onto the lifting platform.
2. Activates the hand control by pressing DOWN button to lower the lifting platform - the action is continuous for as long as the button is being depressed.

3. When the lifting platform is at its lowest level and the DOWN button is still being depressed, the access ramp will lower to the ground and the user can drive off the lifting platform.

**Warranty (brief):**

ME&QC warrants that its lifting equipment is free from defects in materials and workmanship under normal use. ME&QC warrants that the lifting equipment itself will perform substantially in accordance with the specifications and the design intent of the lift. The expressed warranties are made for a period of 365 days from the date the lifting equipment is delivered to you as the first user. During that period ME&QC will replace any lifting equipment, which proves defective in materials or workmanship, without additional charge, on an exchange basis.