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Stannah

TB 163

TECHNICAL BULLETIN

INFORMATION ONLY

For the Attention of : Service Engineers, Installers, Trade Customers, Training Dept

Date : 7/02/2017

Product : Midilift Piccolo

Subject : Product scope extended from 5 to <12m travel

Pages : 1 of 2

Originator : Stannah Lifts Ltd, Anton Mill, Andover, Hants SP10 2NX 01264 339090

Summary

In order to satisfy more of the Midilft market, we have extended the range of the Piccolo product (Machinery Directive cabin lift with rated speed 0.15m/s) to travel from 5 to 12m by the means of a 2:1 tackle pulley system. Our first product with this arrangement was installed at the end of last year and we continue to install further units around the UK.
Piccolo models are now also available for installation within a steel FX structure.

Specification

The 2:1 version of the Piccolo has an identical cabin and Fermator sliding door arrangement to the direct acting 1:1 version. Key features are;

- Cabin size 1100W x 1400D (400kg)
- GMV 3010 pump unit with ¾" 2 speed valve block mounted remotely in a lockable cabinet.
- An additional safety check valve to prevent uncontrolled movement.
- VHVI 46 oil with additive to reduce stiction.
- Standard GMV ram 80mm diameter.
- 8mm suspension ropes (3off).
- Progressive safety gear
- Controller still mounted behind cabin cop.
- Lifting beam mounted on top of cabin guide rails.

The operational manual for the pump unit will be available from the Stannah Technical website and a full maintenance manual is currently under construction.

In addition to the Stannah battery backed up lowering system, the design also incorporates a Fermator battery backup system which enables passenger self lowering in the event of mains power failure and then self release on arrival at the lower floor. This has now been incorporated on all manufactured Piccolos.

Service branch product training and technical queries will be facilitated through Will Roberts in the lifts training dept.

Piccolo 2:1 shown within an FX structure