



To: Installers  
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## ***Stannah Lifts Technical Bulletin***

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### ***LIFT TYPE: - Stannah System 21 and Midilift-SL: Hydraulic Hoses***

#### **Introduction**

The flexible hydraulic hoses which Stannah have utilised in recent years are due to be discontinued by the manufacturers. Therefore an alternative specification of hose has been established. The new hoses are being introduced during November 2005. For a short period of time old and new hoses will be in use whilst existing stock lengths are being used up.

#### **Description**

The new hoses offer several advantages over the old specification hose. They are lower in weight and are more flexible. The smaller bend radius means that the hoses can be run more easily and will result in a tidier installation.

The benefits will be most apparent on the recently introduced MRLi machine-roomless model, where the hose needs to be run in such a way as to minimise any potential tripping/entanglement hazard.

The hoses meet the requirements of EN81-2 and each hose assembly will continue to be pressure tested and marked accordingly by the hose supplier.

The couplings on either end of the hose are unchanged, so the new and old hoses are fully interchangeable. However, the "P-clips" used to retain the hose are now different sizes.

#### **Information**

Table 1 and Table 2 (on page 2 of this bulletin) give an overview of the basic characteristics for the old and new hoses:-



**Table 1: OLD hose specification**

Product	Nominal Size	Hose Specification	Min. bend radius (mm)	Weight (kg/m)	End Fittings	P-clip	
						Marking	Part No.
Midi-SL	3/8"	Tractor/2T	127	0.5	3/8 BSP female (quick release at one end)	N/A	N/A
System 21	1 ¼"	Tractor/2	419	2.3	Female 35L	RSGU1-50	500312
	1 ½"	Tractor/2	500	2.8	Female 42L	RSGU1-57	500313

**Table 2: NEW hose specification**

Product	Nominal Size	Hose Specification	Min. bend radius (mm)	Weight (kg/m)	End Fittings	P-clip	
						Marking	Part No.
Midi-SL	3/8"	Tractor/1K	60	0.3	3/8 BSP female (quick release at one end)	N/A	N/A
System 21	1 ¼"	Tractor/1K	210	1.1	Female 35L	RSGU1-40	501679
	1 ½"	Tractor/2K	300	1.9	Female 42L	RSGU1-50	500312

**Summary**

The new hoses are fully interchangeable with recent Stannah hydraulic equipment, but the P-clip size has changed (*refer to tables above for part numbers*).

If you require any further information regarding this bulletin please contact the mechanical design office at Stannah Lifts, Andover. Tel. 01264 339090