

**Waiver:**

This data sheet is for guidance only and must not be used for proper working drawings. Please contact Stannah Lifts for particular details before proceeding. Owing to our policy of continual improvement we reserve the right to alter specifications and dimensions without prior notice.

# SYSTEM 21



## Machine Room-Less

### Totally Machine Room Free

MRLi

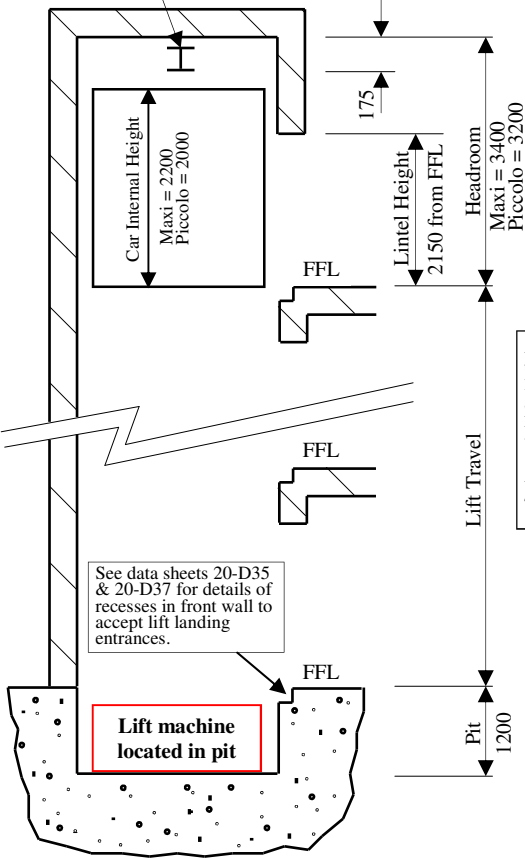
8 Person (630kg)

Option: MRLi-EC  
Machine Room-less  
- Entrance Controller



NOTE: For timber frame Structure supported Lifts please increase the shaft widths and depths by 50mm.

Wall Mounted Models - Lifting beam supplied by builder  
Structure Mounted Models - Lifting beam supplied with lift.



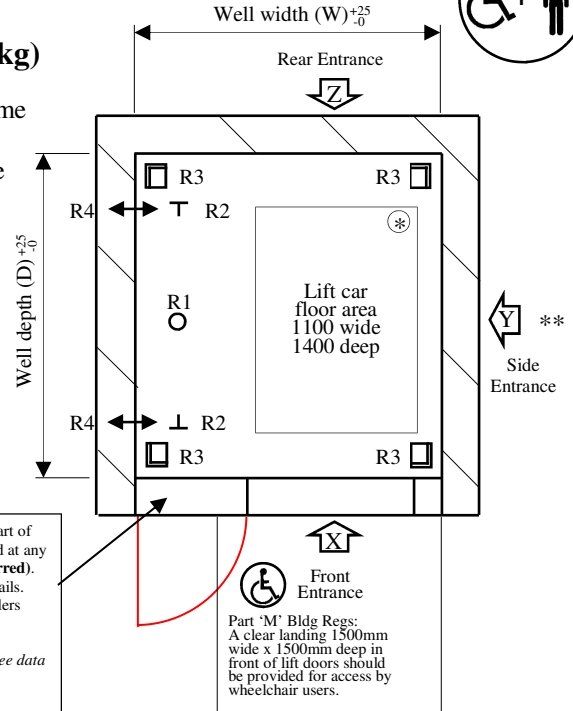
See data sheets 20-D35 & 20-D37 for details of recesses in front wall to accept lift landing entrances.

Lift machine located in pit

A 1hr certified lift controller forms part of the lift entrance and can be positioned at any landing (the lowest landing is preferred). See data sheet 20-D37 for cut out details. Further details may be found on builders work drawings.

For alternative controller locations see data sheet 8-12-2

Travel: 17.1m max.  
Speed: Up to 0.63 m/s



### EQUIVALENT DEAD LOADS IMPOSED DUE TO LIFT OPERATION (kg)

		Wall Mounted Models	Structure Mounted Models	Type of Loading
Lift Pit Floor	R1	3325	3325	Load due to car weight + load + hydraulic cylinder
	R2	3070	3070	Load due to car buffering or safety gear operation
	R3	not applicable	885	Load at base of structure in each corner
Side Wall	R4	318	100†	Push in/Pull out load

†Applies to lift structure on all sides in the pit, headroom, at each floor level, and at a maximum of 4m intervals.

### IMPORTANT

On Wall Mounted Models, Unistrut inserts ref P3270 to be built into lift pit and lift well walls by builder before installation. See specific Builder's Work Drawings for precise details.

MODEL REF	LIFT DOORS ARRANGEMENT	Car & Landing Door Type	WALL MOUNTED MODELS						STRUCTURE MOUNTED MODELS						Lift Car Clear Entrance	
			PLAN WELL DIMENSIONS						PLAN WELL DIMENSIONS							
			Front Entrance X or Z		Front & Rear Entrance X & Z		Front & Side Entrance X & Y or Z & Y		Front Entrance X or Z		Front & Rear Entrance X & Z		Front & Side Entrance X & Y or Z & Y			
W	D	W	D	W	D	W	D	W	D	W	D	W	H			
P8-2S 2S M8-2S 2S (800)		Auto 2 panel side opening 2S	1550	1835	1550	2010	1680	2000	1700	1875	1700	2000	1750	2030	800	2000
P8-2S 2S M8-2S 2S (900)		Auto 2 panel side opening 2S	1675	1835	1675	2010	1795	2025	1825	1875	1825	2000	1890	2030	900	2000
M8-2C 2C P8-2C 2C (800)		Auto 2 panel centre opening 2C	1800	1750	1800	1880	N/A	N/A	1960	1820	1960	1880	N/A	N/A	800	2000
M8-2C 2C P8-2C 2C (900)		Auto 2 panel centre opening 2C	2000	1750	2000	1880	N/A	N/A	2160	1820	2160	1880	N/A	N/A	900	2000

Note: Shaft sizes are for guidance purposes only and subject to change. It is crucial that you contact Stannah concerning your specific requirements.



\* Part 'M': This lift car size is recommended in Part 'M' of the building Regs and will carry a wheelchair and attendant.

\*\* While lifts with an adjacent (Y) entrance do not comply with the dimensions of Part 'M' of the building regulations, it has been specially designed to take a wheelchair and attendant.

Machine Room-Less  
MRLi  
**8-12-1**  
06/11/08