




1 Guide for system selection

A lifting system can be configured by using the table (page 2) and the following steps:

1. # Lifting elements:	How many lifting elements does the application require?		
2. Max. system load:	What is the maximum load that needs to be moved?		
<table border="1"><tr><td style="text-align: center;"></td><td>NOTE<ul style="list-style-type: none">- Take weight of table top and frame into account- Load distribution even – don't overload the leg- No shock loads allowed- Don't exceed max. allowed bending moments</td></tr></table>			NOTE <ul style="list-style-type: none">- Take weight of table top and frame into account- Load distribution even – don't overload the leg- No shock loads allowed- Don't exceed max. allowed bending moments
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3. Stroke length:	What stroke length is required?		

Selected configuration

a) Lifting element type:	The following lifting element fits the selected configuration. <ul style="list-style-type: none">- Observe drawings and data sheets!
b) Control box type:	The following control box fits the selected configuration. <ul style="list-style-type: none">- Observe operating manual!

Operating data

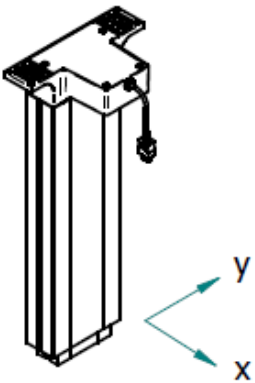
i. Lifting speed:	The system moves at the following lifting speed.
ii. Duty cycle On/Off:	The system can be operated with the following duty cycle. To protect the mechanical and electronic components, the control box automatically pauses «Off» after a certain «On» time. The hand switch shows «HOT» on the display.

2 System combinations table

# Lifting elements	Max. System load [kg] (lbs)	Stroke length [mm] (in)	Lifting element type	Control box type		Lifting speed [mm/s] (in/s)	Duty cycle ① [On/Off]
				230 V	110 V		
1	100 (220)	300 (12")	SF 1230	Compact-3 (V1701)	Compact-3 (V1751)	20 (0.8")	2/40
		400 (16")	SF 1240	Compact-3 (V1700)	Compact-3 (V1750)		
2	200 (440)	300 (12")	SF 1230	Compact-3 (V1701)	Compact-3 (V1751)		
		400 (16")	SF 1240	Compact-3 (V1700)	Compact-3 (V1750)		
3	200 (440)	300 (12")	SF 1230	Compact-3 (V1701)	Compact-3 (V1751)		
		400 (16")	SF 1240	Compact-3 (V1700)	Compact-3 (V1750)		

① Duty cycle 2/40: Operating time max. 2 min, pause time 40 min

3 Lifting column SF

Column SF 12xx	Max. allowed pressure load	Max. allowed tensile load	Max. allowed Bending moments
	1'000 N (225 lbf)	stat. 500 N (112 lbf) dyn. 50 N (11 lbf)	Mbx stat. 600 Nm Mby stat. 250 Nm Mbx dyn. 300 Nm Mby dyn. 100 Nm

Mb stat. = static bending moment = max. allowed bending moment while standstill

Mb dyn. = dynamic bending moment = max. allowed bending moment while lifting movement

4 Control box and hand switch

Steuerung Typ Compact	Handtaster Auf/Ab	Handtaster Memory
 <p>Compact-3</p>	 <p>124.00059</p>	 <p>124.00223</p>