

Lifting Column ES12

The lifting columns are applied to the field of industrial devices/equipments, machine, factory automation, packing equipments and medical equipments because they are small size with big force, high performance and precise repeatability.

Especially, Height adjustment of working areas for maintaining the ergonomic working environment is much engaged by government. It prevents laborers from repetitive strain injuries.

Technical Data

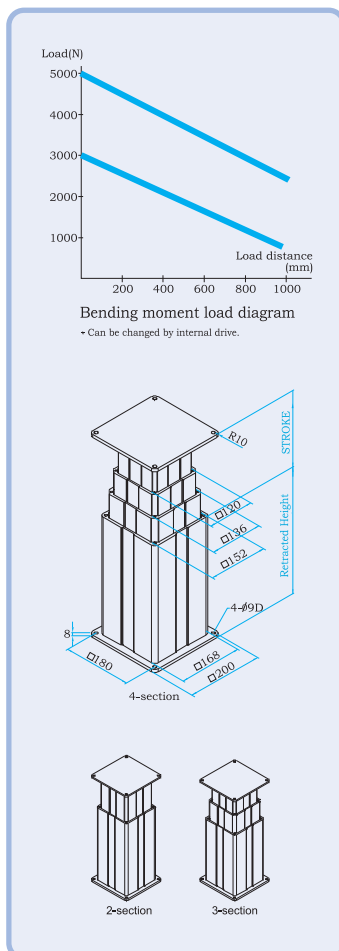
- Lifting forces: 1500N / 2000N / 3000N / 4000N / 6000N / 10000N
- Stroke: max. 2500 mm (Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 50 mm/s * Can be changed by internal drive.
- Input Power: Standard DC24V (max. DC30V) * Can be changed by internal drive.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section, 5-section, 6-section and 7-section lifting columns are available on request.
- The bending moment (offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty * Can be changed by internal drive.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)



Dimension



Standard Electric Lift (Lifting column)

	Installation height incl. top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES12-39.1.100.290-O	290	100	1000	28/22
ES12-39.1.150.340-O	340	150	1000	28/22
ES12-39.1.200.390-O	390	200	1000	28/22
ES12-39.1.250.440-O	440	250	1000	28/22
ES12-39.1.300.490-O	490	300	1000	28/22
ES12-33.3.100.288-O	288	100	3000	8/6
ES12-33.3.150.338-O	338	150	3000	8/6
ES12-33.3.200.388-O	388	200	3000	8/6
ES12-33.3.250.445-O	445	250	3000	8/6
ES12-33.3.300.510-O	510	300	3000	8/6
ES12-DS.2.200.408-O	408	200	2000	16/12
ES12-DS.2.300.520-O	520	300	2000	16/12
ES12-DS.5.200.408-O	408	200	5000	6/4
ES12-DS.5.300.520-O	520	300	5000	6/4
ES12-MBZ.1.500.750-O	750	500	1000	16/12
ES12-MBZ.3.200.408-O	408	200	3000	8/6
ES12-MBZ.3.300.520-O	520	300	3000	8/6
ES12-DS.2.300.300-O3	300	300	2000	22/17
ES12-DS.2.300.300-OS3	300	300	2000	22/17
ES12-DS.2.350.350-O3	350	350	2000	22/17
ES12-DS.2.350.350-OS3	350	350	2000	22/17
ES12-DS.2.350.400-O3	400	350	2000	22/17
ES12-DS.2.350.400-OS3	400	350	2000	22/17
ES12-GZ.5.300.550-O3	550	300	5000	19/15
ES12-GZ.7.300.550-O3	550	300	7000	16/14
ES12-GZ.10.300.550-O3	550	300	10000	10/8
ES12-MVD.5.500.680-O3	680	500	5000	14/12
ES12-MVD.5.700.880-O3	830	700	5000	14/12
ES12-MTB.1.500.700-O3	500	700	1000	50/41
ES12-MTB.1.500.700-O3	500	700	1000	50/41
ES12-S9D.2.1200.1000-O3	1000	1200	2000	25/19
ES12-S9D.2.1500.1270-O3	1270	1500	2000	25/19

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V.

Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment (offload) have to be longer than standard.