

Lifting Column ES7

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

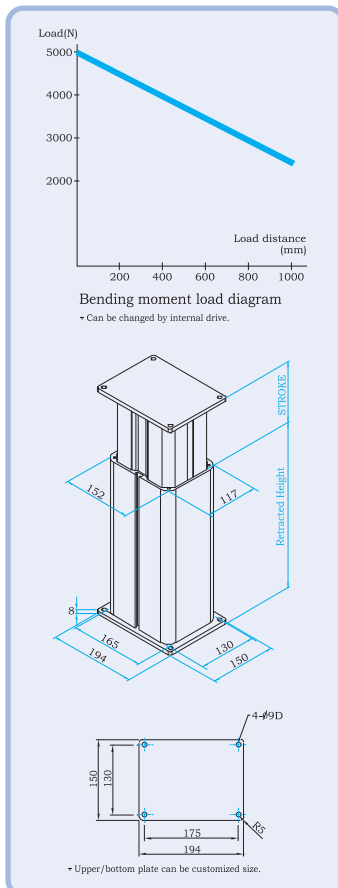
- Lifting forces: 100N / 10000N
- Stroke: max. 1200 mm
- Unloaded speed: max. 6 mm/s ~ 120 mm/s * Can be changed by internal drive
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal drive.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- The bending moment(offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty * Can be changed by internal drive.
- Internal control box is available on request.(Standard type is outer control box)
- Any bracket or accessories can be installed in side slot with slot nut & bolt.

* 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
ES7-39.1.100.290-O	290	100	1000	28/22
ES7-39.1.150.340-O	340	150	1000	28/22
ES7-39.1.200.390-O	390	200	1000	28/22
ES7-39.1.250.440-O	440	250	1000	28/22
ES7-39.1.300.490-O	490	300	1000	28/22
ES7-33.3.100.288-O	288	100	3000	8/6
ES7-33.3.150.338-O	338	150	3000	8/6
ES7-33.3.200.388-O	388	200	3000	8/6
ES7-33.3.250.445-O	445	250	3000	8/6
ES7-33.3.280.486-O	486	280	3000	8/6
ES7-33.3.300.510-O	510	300	3000	8/6
ES7-33.5.100.288-O	288	100	5000	5/4
ES7-33.5.150.338-O	338	150	5000	5/4
ES7-33.5.200.388-O	388	200	5000	5/4
ES7-33.5.280.486-O	486	280	5000	5/4
ES7-33.5.300.510-O	510	300	5000	5/4
ES7-MBZ.1.200.408-O	408	200	1000	17/13
ES7-MBZ.1.300.520-O	520	300	1000	17/13
ES7-MBZ.1.500.750-O	750	500	1000	17/13
ES7-MBZ.3.200.408-O	408	200	3000	8/6
ES7-MBZ.3.300.520-O	520	300	3000	8/6
ES7-MBZ.5.200.418-O	418	200	5000	6/4
ES7-MBZ.5.300.530-O	530	300	5000	6/4
ES7S-0.8.240.435-O	435	240	800	22/17
ES7-YSK.1.120.290-O	290	120	1000	50/41

* 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.