

Lifting Column ES5

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

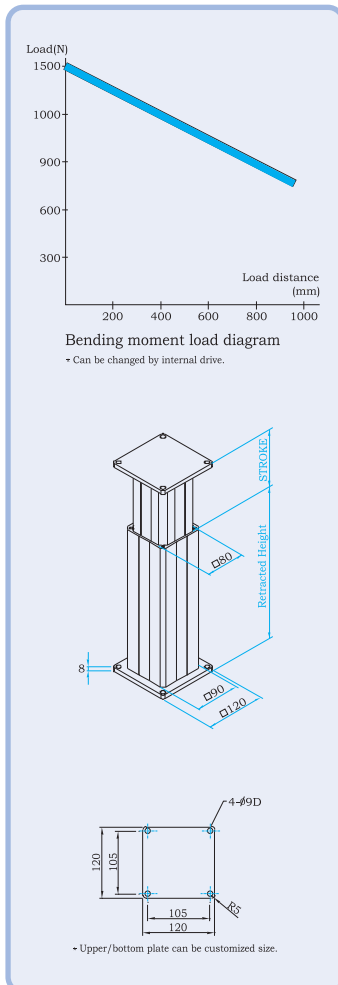
- Lifting forces: 1500N / 4000N / 6000N
- Stroke: max. 500 mm
- Unloaded speed: max. 6 mm/s ~ 25 mm/s * Can be changed by internal drive
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal drive.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor
- Safety nut
- 2-section lifting column
- The bending moment(offset load): max. 800Nm
- 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
ES5-25.0.3.100.220-O	220	100	300	24/19
ES5-25.0.3.150.270-O	270	150	300	24/19
ES5-25.0.3.200.320-O	320	200	300	24/19
ES5-25.0.3.250.370-O	370	250	300	24/19
ES5-25.0.3.300.420-O	420	300	300	24/19
ES5-25.0.3.350.470-O	470	350	300	24/19
ES5-25.0.8.100.220-O	220	100	800	10/8
ES5-25.0.8.150.270-O	270	150	800	10/8
ES5-25.0.8.200.320-O	320	200	800	10/8
ES5-25.0.8.250.370-O	370	250	800	10/8
ES5-25.0.8.300.420-O	420	300	800	10/8
ES5-25.0.8.350.470-O	470	350	800	10/8
ES5-31.1.5.100.314-O	314	100	1500	18/15
ES5-31.1.5.150.364-O	364	150	1500	18/15
ES5-31.1.5.200.414-O	414	200	1500	18/15
ES5-31.1.5.250.464-O	464	250	1500	18/15
ES5-31.1.5.300.514-O	514	300	1500	18/15
ES5-31.1.5.400.614-O	614	400	1500	18/15
ES5-31.1.5.500.714-O	714	500	1500	18/15
ES5-31.5.100.314-O	314	100	5000	6/4
ES5-31.5.150.364-O	364	150	5000	6/4
ES5-31.5.200.414-O	414	200	5000	6/4
ES5-31.5.250.464-O	464	250	5000	6/4
ES5-31.5.300.514-O	514	300	5000	6/4
ES5-31.5.400.614-O	614	400	5000	6/4
ES5-31.5.500.714-O	714	500	5000	6/4

* 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.