

DL2S0002DK  
DL2P0002DK  
DL2P0005DK  
DL2P0007DK

# DL2 Column Kit Data Sheet



## DL2 Column Kit

The DL2 Column Kit is a handy solution for industrial workstation bases. All components delivered in one single box: [DL2 electric lifting column\(s\)](#), control box ([CBD6S](#)), operating panel ([DPF](#)), and cables.

When designing your industrial workstation, download the DL2 Column Kit documentation and implement the 3D drawings.

Build with a single lifting column or a parallel system with 2-4 columns. The mounting plates offer effortless installation.

Options available:

- DL2 Column Kit - Single (DL2S0002DK)
- DL2 Column Kit - 2-parallel (DL2P0002DK)
- DL2 Column Kit - 3-parallel (DL2P0005DK)
- DL2 Column Kit - 4-parallel (DL2P0007DK)



## Lifting column specifications

- **Type** 2-stage electric lifting column
- **Max. load** 150 kg (push only)
- **Max. speed** 15 mm / sec with no load
- **Stroke length** 500 mm
- **Installation dimension** 655 mm (fully retracted incl. mounting plates)
- **Max. bending moment** 200 Nm dynamic / 250 N static
- **Weight** 15 kg
- **Material** Anodised aluminium
- **Colour** Grey with black mounting plates
- **Protection class** IPX6

## Column kit usage

- **Operating panel** Up / down arrows (black)
- **Mains voltage** 230 V
- **Duty cycle** Max. 10% ≈ max. 2 minutes continuous use followed by 18 minutes pause
- **Operating temperature** 5 to 40 °C
- **Storage temperature** -10 to +50 °C
- **Relative humidity** 20 to 80% at 30 °C
- **Atmospheric pressure** 700 to 1060 hPa
- **Altitude** Max. 2,000 m

## Parts included

Type	Characteristics
Lifting column(s)	DL2 500 mm, 1,500 N with endplates. Thickness: 8 mm
Control box	CBD6S, 230 V
Operating panel	With ~ 1.7 m cable and bracket
Mains cable	EU plug, 2 m
Motor cable(s)	1 m

## FAQ

### What is max. bending moment?

Max. bending moment is a way to express the resistance toward heavy off-centre loads without causing mechanical failure. The bending moment can be measured as either dynamic (during operation) or static (when stopped).

### Where do I find system drawings, 3D models etc.?

We recognise the importance of having access to system drawings, which feature all the parts included in the kits, as well as to 3D models during the design phase. Therefore, you can locate these on the product page for DL2 column kits.

### Will the speed increase if I reduce the load?

The short answer is "yes". The DL2 is a powerful lifting column, which means that it consumes a lot of energy - in particular when running with a full load. By monitoring the current consumption, the control box regulates the speed of the column to ensure smooth operation.

### How many columns can you operate in parallel?

The kits are offered as either a single system or 2-4 parallel. The parallel system will ensure that all columns operate simultaneously and stay aligned when moving. With the intelligent control box it is possible to set up a multi-parallel system with up to 16 columns. For more information regarding this, please reach out to your local LINAK® office.

### What is duty cycle?

When building a machine or a workstation, it is important to consider how often the lifting column system is operated. The DL2 column kits are rated with a duty cycle of 10%. This means that after max. 2 minutes of continuous use it is necessary to pause for 18 minutes. This limitation will ensure a long service life and optimal performance.

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