

# Product range catalogue

## Columns





## **The Customizer**

X2 Columns are used wherever robust and reliable guiding systems are needed to lift medical, ergonomic or industrial equipment. In this catalogue, you can find our standard range of columns. If you cannot find any that fulfils your needs, we can make a customized solution for you. In fact, most of our supplied lifting columns are customized.

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## Range of columns

All our columns are made off stiff aluminium tubes and treated for lowest possible friction. This enables us to mount them with very tight tolerances to achieve maintenance free and smooth run without any play. Our columns are applicable on the medical, ergonomic and industrial area. Below you can see the standard range with a maximum stroke of 5.000 mm.

### A-series

The A-series is our square model that consists of 2 to 6 sections with various sizes. It has a very stable performance and works great with heavy centric and offset loads.

### B-series

The B-series is one of our rectangular models in the middle range that enables a very stable and smooth run even with high offset loads.



A-series



B-series



E-series



F-series

### E-series

E-series is our smallest series. It offers good stability and performance for applications in confined spaces or for lighter loads.

### F-series

F-series is our asymmetric tube which has a softer design yet still the same good qualities that the other tubes have when it comes to performance.

### G-series

G-series lays in the small range of the rectangular models. It is a very robust and reliable tubes and works good with offset loads.

### X-series

The X-series is our top of the range tube and the most robust tube on the market. It performs exceptionally well with extreme offset loads.

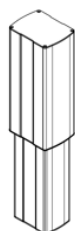


G-series

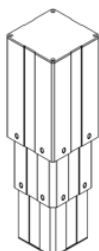


X-series

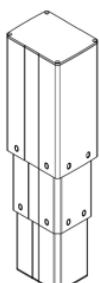
## Comparison



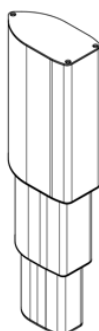
E-series



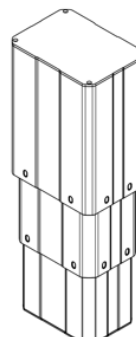
A-series



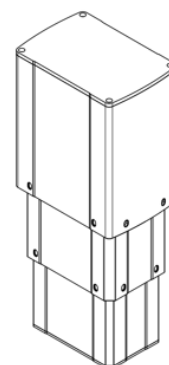
G-series



F-series



B-series



X-series

### Dimensions

Section 1

Section 2

Section 3

Section 4

Section 5

Section 6

Serie A	163x163 mm	146x146 mm	129x129 mm	113x113 mm	96x96 mm	83x83 mm
Serie B	219,2x157,2 mm	205,9x143,9 mm	192x130 mm	x	x	x
Serie E	133,6x103 mm	115,8x85 mm	x	x	x	x
Serie F	187,7x98 mm	154,4x83 mm	125x66 mm	x	x	x
Serie G	163x127 mm	147,7x114,7 mm	135,4x102,4 mm	x	x	x
Serie X	260x180 mm	230,6x159,3 mm	210,6x139,3 mm	x	x	x



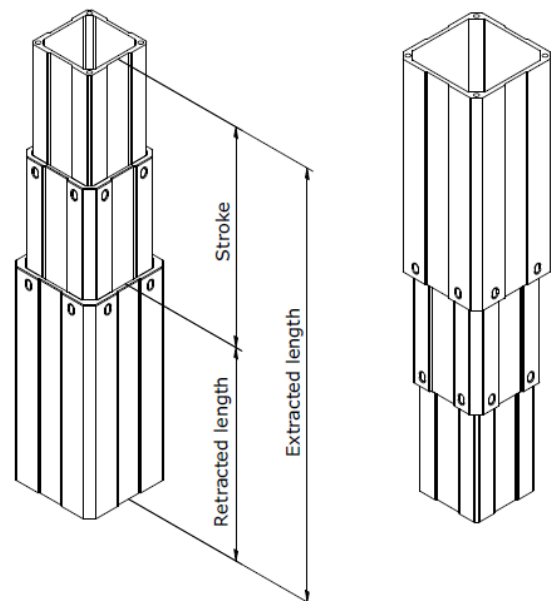
### Features

Very robust  
Great offset load capacity  
Long stroke  
Long lifetime  
Extremely low friction

### Options

Outer tube on top/bottom  
From 2 to 6 sections  
With or without top/bottom plates  
Customized

Section	Dimensions (mm)	Weight (kg/m)
1	163x163	11,4
2	146x146	9,3
3	129x129	8,3
4	113x113	6,1
5	96x96	5,2
6	83x83	4,1



## B-series



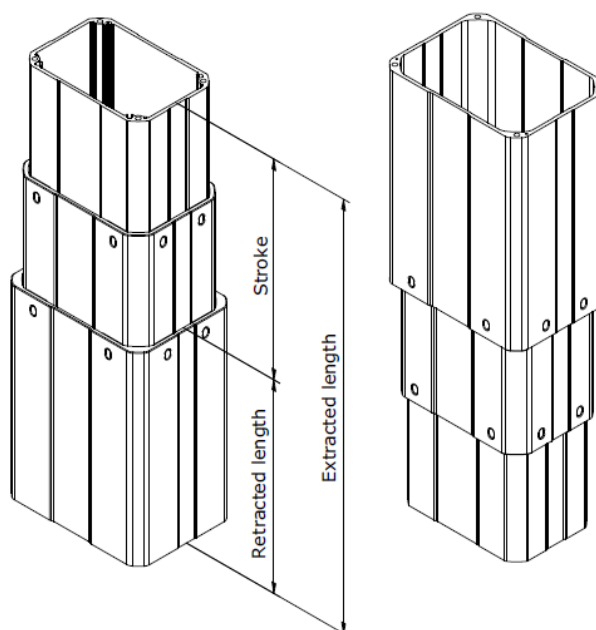
### Features

Very stable  
Great offset load capacity  
Long lifetime  
Extremely low friction

### Options

Outer tube on top/bottom  
From 2 to 3 sections  
With or without top/bottom plates  
Customized

Section	Dimensions (mm)	Weight (kg/m)
1	219,20x157,19	11
2	205,90x143,90	8,8
3	192,00x130,00	8,9





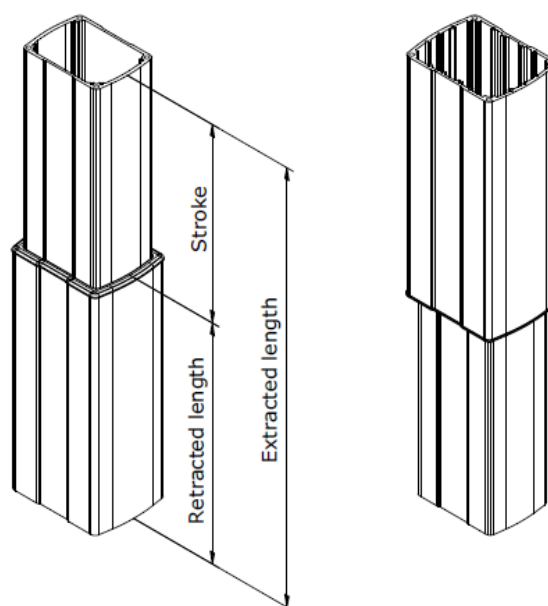
## Features

Very stable  
2 sections  
Long lifetime  
Extremely low friction  
Small

## Options

With or without top/bottom plates  
Outer tube on top/bottom  
Customized

Section	Dimensions (mm)	Weight (kg/m)
1	133,61x103,00	5,4
2	115,76x85,00	4,2





## F-series



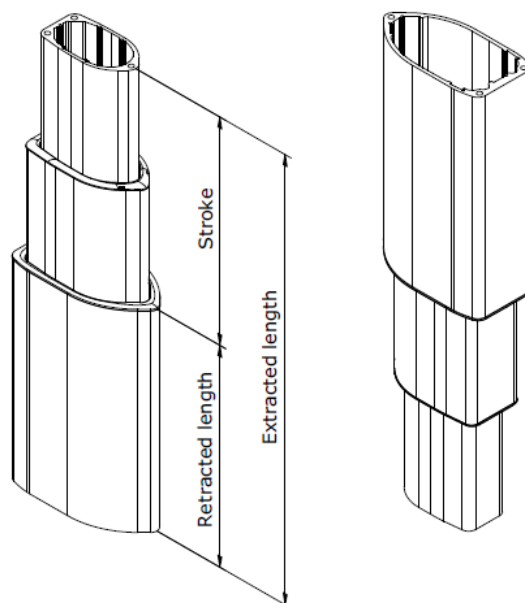
### Features

Asymmetric design  
Long lifetime  
Extremely low friction

### Options

Outer tube on top/bottom  
From 2 to 3 sections  
With or without top/bottom plates  
Customized

Section	Dimensions (mm)	Weight (kg/m)
1	187,7x98,00	8,5
2	154,35x83,00	6,5
3	125,00x66,00	5,2





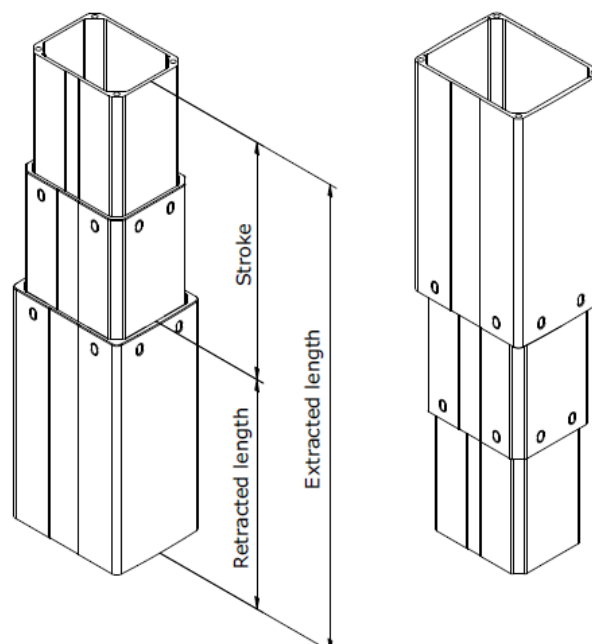
### Features

Very robust  
Good offset load capacity  
Long lifetime  
Extremely low friction  
Small size

### Options

Outer tube on top/bottom  
From 2 to 3 sections  
With or without top/bottom plates  
Customized

Section	Dimensions (mm)	Weight (kg/m)
1	163,00x127,00	8
2	147,70x114,70	6,1
3	135,40x102,40	6,0





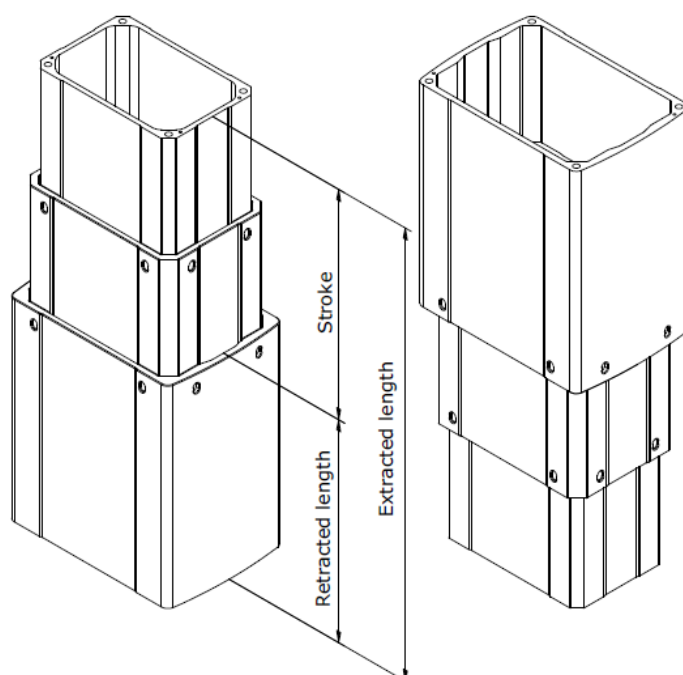
### Features

Extremely robust  
Extreme offset load capacity  
Long lifetime  
Extremely low friction

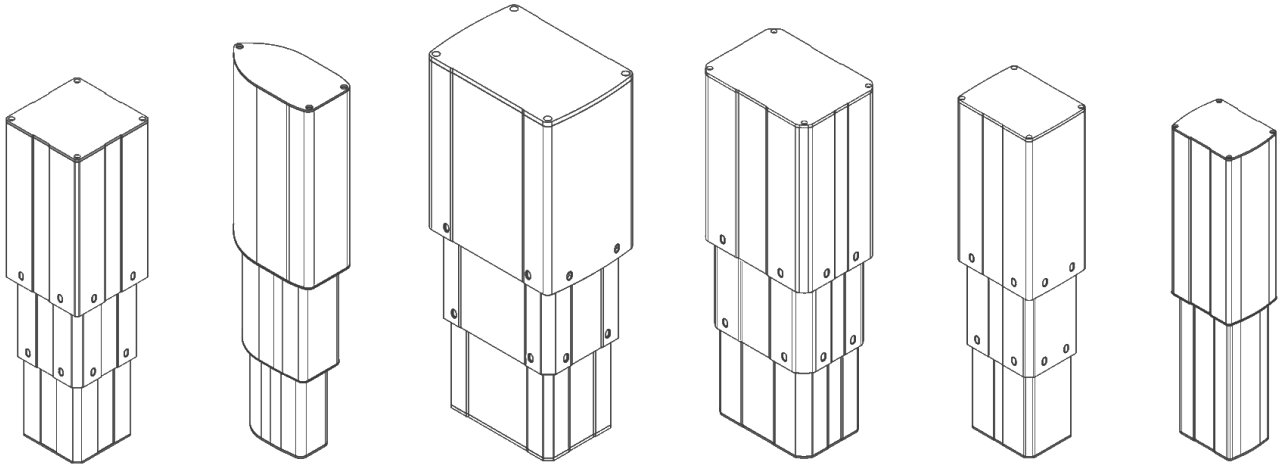
### Options

Outer tube on top/bottom  
From 2 to 3 sections  
With or without top/bottom plates  
Customized

Section	Dimensions (mm)	Weight (kg/m)
1	260,00x180,00	20,1
2	230,60x159,30	14,7
3	210,60x139,30	14,3



# X2 Technology – The Customizer



## About us

X2 Technology is a Phoenix Mecano brand marketed by Phoenix Mecano AB. X2 Technology manufactures top range lifting columns to the medical, ergonomic and industrial market. Our biggest strength lays in our exceptional experience of guided aluminum profiles. The experience enables us to develop and design innovative products in close cooperation with our customers to meet individual requirements. With our flexible manufacturing techniques, we can produce both small and big quantities of customized products.

*Before use of products, see general terms & conditions and operating manuals. Lifetime and suitability are depending on application and must therefore be tested by each user. Specifications subject to change without prior notice. All components in this datasheet are property of X2 Technology and may therefore not be used without permission.*  
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Made in Sweden



# X2 TECHNOLOGY

A Phoenix Mecano Brand