MARKANT

matrix pro single

Dual Motor Desk Frame

General Features

Max. load	100~200kg*
Constant speed	3-Stage Column: Up to mm/s
Weight of package	33~40Kg
Standby power	< 0.1W
Accessories	Anti-Collision Sensor (TCS1)

High strength and stability – *Steel construction*
Pre-assembled frame kit – *Significantly reduces installation time*

*It varies upon the selection of components.

Leg Color

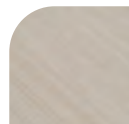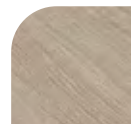● Black   ● Silver   ○ White

Top Color

| Black | White | Grey | Bleached Oak | Bardolino Oak | Caramel Walnut |

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Dimension

Frame & Work Surface

Height Range (incl top)

Frame dimensions (mm)	Recommended work surface dimensions (mm)		Column type	Height (mm)	Stroke (mm)
Width (mm)	Width (mm)	Depth (mm)	3-Stage	650~1300	650
1050~1700	1100~2000	700~1000			

Frame width

Frame height
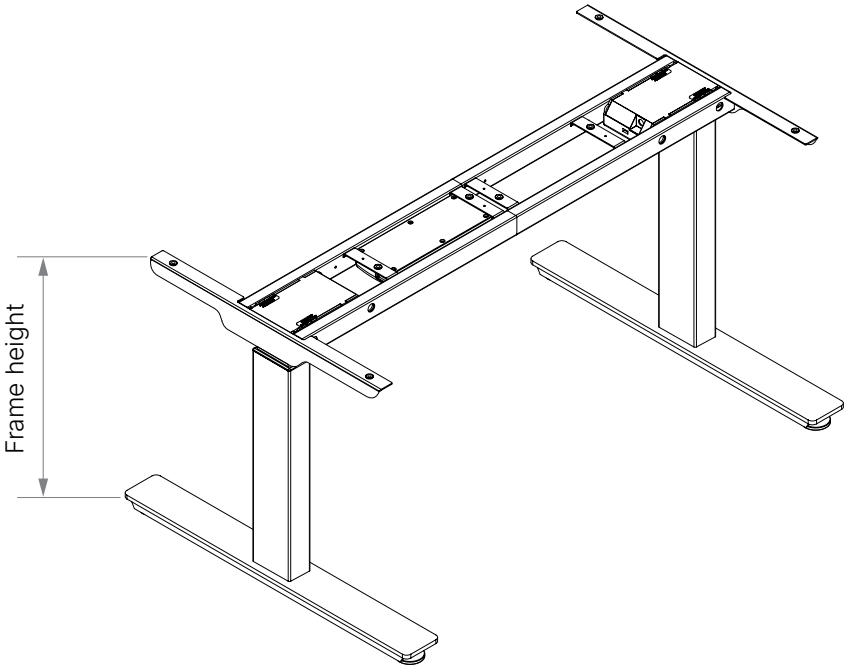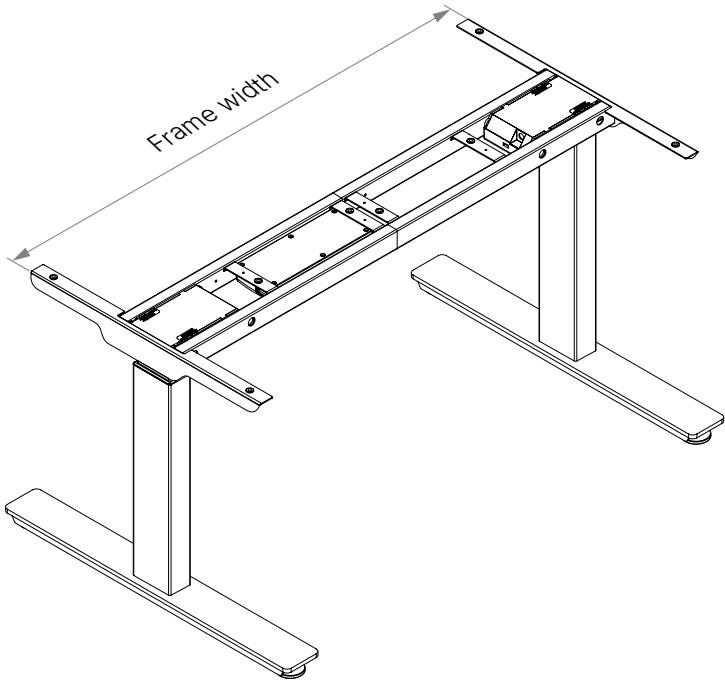
Column type

3-Stage
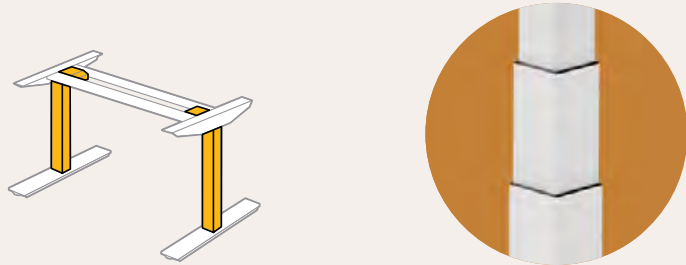
Foot

Top support

(Fixation holes for tabletop)

Control Panel

Memory Display

Matrix PRO lifting columns

Matrix PRO lifting columns are high-value, cost-efficient actuators engineered for ergonomic desks, work tables, and other height-adjustable applications. The control boxes support a low-energy standby mode of <0.1 W to minimise power consumption.

The columns feature a rectangular, three-stage telescopic profile with a narrow-top / wide-bottom configuration, providing enhanced stability, smooth travel, and consistent load performance.

General Features

Max. load	600N (push)
Max. speed at max. load	24mm/s
Max. speed at no load	38mm/s
Retracted length	520
Dimension of outer tube	90*60mm rectangular
Stages	3-stage
Stroke	660 mm
Output signals	Hall sensors
Voltage	24V DC
Color	Black, white, silver
With motor house	

Drawing

Standard Dimensions (mm)

Stroke (mm)	Retracted Length (mm)
660	520

Load and speed per column

Load (N)	Self Locking Force (N)	Current (A) with 24V DC		Speed (mm/s) with 24V DC	
Push		*No Load*	*With Load*	*No Load*	*With Load*
600	600	2.5	6.0	38.0	24.0
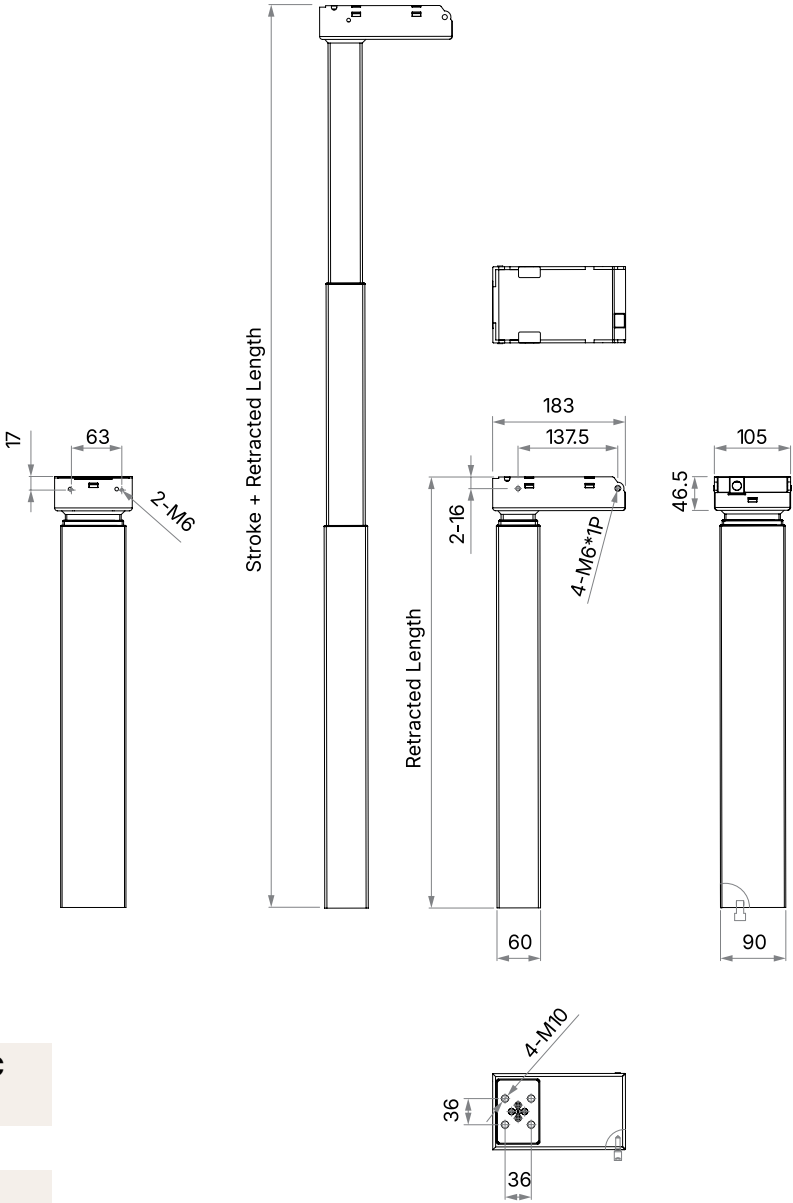
Performance Data

Load (N)	Constant Speed (mm/s)
1000	38