

OFFICE SYSTEMS



A Phoenix Mecano Brand



- MODERN DESIGN
- RIGID SLIDING SYSTEM
- POWERFUL AND QUIET OPERATION
- WIDE RANGE OF ACCESSORIES
- OUTSTANDING STABILITY

OKIN LIFTING COLUMNS – HIGH POWER, EXCELLENT COMFORT

Ergonomics is one of today's watchwords, with employers increasingly opting for health-conscious equipment and furnishings in their offices. Height-adjustable desks are one example – they relieve the neck and back while promoting the circulation and increasing employee productivity. OKIN DD and ID series lifting columns are ideal drive solutions to meet the highest expectations on functionality and design.

Thanks to their high lifting capacity and standards-conformant stroke all OKIN lifting columns are powerful and highly flexible as well. This in combination with their compact installation dimensions offers versatile applications. Accurate manufacturing tolerances maximise stability while ensuring quiet, smooth and easy desktop adjustment.

Elegant design

All lifting columns are ideal for building office desk systems without crossbars underneath the tabletop. These systems come in a modern design with minimal gaps between individual profiles, whereas the 400-series provides an extraordinary elegance by avoiding visible surface embossings. OKIN lifting columns for height-adjustable office desks pass strict internal load and endurance tests, and are certified according to DIN EN 527 and BIFMA X5.5.

Smart components

All drive systems of the 10- and 20-series are compatible with DB02, DB03, COMPACTeco and SMARTneo control units, which can be configured according to different desk requirements and include the smart system protection via ISP software.

We also supply a wide range of intuitive handsets for height-adjustable desks ranging from minimalist designs to high-end controls with a wide array of features. Components matching lifting column design such as table legs and frames are also available to ensure optimum stability.

HIGHLIGHTS

COLLISION DETECTION

- Intelligent System Protection
- Increased safety
- System data monitoring



SMARTneo

BENCHING SYSTEM

- Increased stability
- Clear design
- More legroom
- Improved cable management

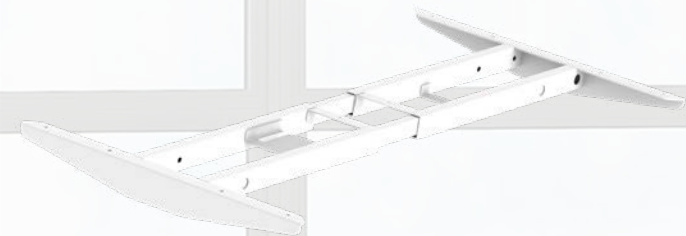


PRODUCT OVERVIEW

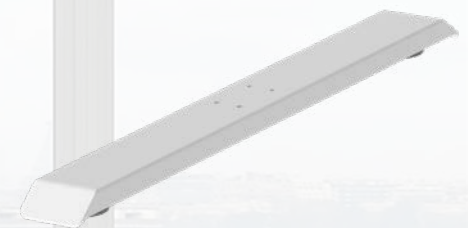
1. Lifting columns



2. Desk frames



3. Feet



4. Control units



5. Handsets



LIFTING COLUMNS

Sturdy and comfortable: Okin electric lifting columns are equipped with low-play sliding guides which ensure a smooth and comfortable height adjustment. Special drive gears ensure consistent whisper-quiet operations while the minimal air gap between the individual profiles underline the elegant design of the electric lifting columns.

COLORS



Stroke length
Installation dimensions
Speed of movement (max., unloaded)
Column profile (max.)
Column
Lifting capacity (max., per column)



500 mm
650 mm
35 mm/s
50 mm x 80 mm
Two-section telescopic column in steel
800 N



650 mm
560 mm
35 mm/s
50 mm x 80 mm
Three-section telescopic column in steel
800 N

Stroke length
Installation dimensions
Speed of movement (max., unloaded)
Column profile (max.)
Column
Lifting capacity (max., per column)



500 mm
650 mm
35 mm/s
50 mm x 80 mm
Two-section telescopic column in steel, no visible surface embossings
800 N



650 mm
560 mm
35 mm/s
50 mm x 80 mm
Three-section telescopic column in steel, no visible surface embossings
800 N

MOTORS AND PROTECTION CLASS

All Lifting Columns come with:

Motors
24V DC Maintenance-free
Protection class
IP20

Stroke length
Installation dimensions
Speed of movement (max., unloaded)
Column profile (max.)
Column
Lifting capacity (max., per column)



500 mm
650 mm
35 mm/s
70 mm x 70 mm
Two-section telescopic column in steel
800 N



650 mm
560 mm
35 mm/s
70 mm x 70 mm
Three-section telescopic column in steel
800 N

Stroke length
Installation dimensions
Speed of movement (max., unloaded)
Column profile (max.)
Column
Lifting capacity (max., per column)



500 mm
650 mm
35 mm/s
70 mm x 70 mm
Two-section telescopic column in steel, no visible surface embossings
800 N





650 mm
560 mm
35 mm/s
70 mm x 70 mm
Three-section telescopic column in steel, no visible surface embossings
800 N

CONTROL UNITS AND HANDSETS

OKIN Accessories for individual requirements: The intelligent COMPACTeco, and SMARTneo control units offer, amongst others, up to four memory positions of the height-adjustable desk, which can be configured by the operator. Our handsets are reliable and intuitive, and can be adapted to the respective product design with a variety of installation options.

CONTROL UNITS

	COMPACTeco	SMARTneo
		
Control unit	Microprocessor control unit	Microprocessor control unit
Rated output power	360 W	240 W
Standby	0.3 W	0.3 W
SMPS	Yes	Yes
Drive connections (with linked controls)	1-3 (max. 12)	1-2 (max. 4)
Control connections	1	1
Collision detection	Yes	Yes
Options	Software customizable up to four control units linkable	Software customizable up to two control units linkable



HANDSETS

MotionAssist	HSCO	HSU	EASY2move
			
TOUCHbasic-down	TOUCHfx	TOUCHbasic-inlay	TOUCHinlay
			

CONTROL UNITS AND HANDSETS

The DB02 and DB03 are the economical control unit solutions for height-adjustable desks. The control units are equipped with the intelligent collision protection and allows - depending on the handset used - the programming of various stop positions. The combination with the visually attractive handset series MotionAssist offers perfectly matched systems for height-adjustable desks that meet all requirements.

CONTROL UNITS

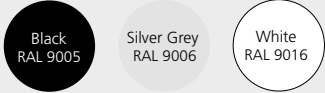
	DB02	DB03
		
Control unit	Microprocessor control unit	Microprocessor control unit
Rated output power	240 W	280 W
Standby	0.1 W	0.1 W
SMPS	Yes	Yes
Drive connections	2	3
Handsets	1	1
Collision detection	Yes	Yes

HANDSETS

DH01.01	DH01.02
	
DH01.03	DH02.01
	

DRIVE SETS

COLORS



CONTENT

- Lifting columns
- Control unit
- Handset
- Connection cable and Power cord

SET A

Lifting columns



Control unit DB02



DH series handsets



SET B

Lifting columns



Control unit COMPACTeco or SMARTneo



All handsets except DH series



DESK SET

COLORS



CONTENT

- Desk frame
- Table feet
- Screws, small parts
- DRIVE SET

SET

Adjustable frame

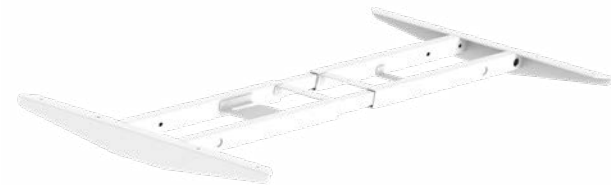
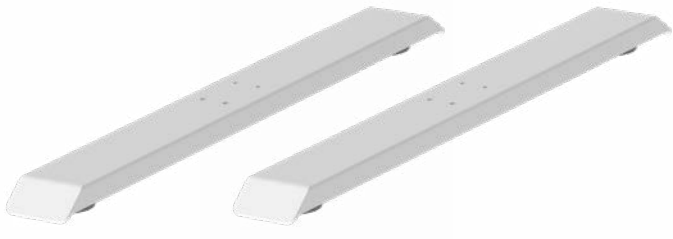


Table feet



Screws/connections/small parts

DRIVE SET A OR B

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EXPERTISE IN DRIVE TECHNOLOGY

THE DEWERTOKIN GMBH AND PHOENIX MECANO GROUP





DEWERT OKIN
A Phoenix Mecano Company

DewertOkin GmbH
DewertOkin GmbH is an international manufacturer of drive and system technology, with headquarters in Kirchlingern, Germany, and a worldwide network of subsidiaries and partners providing sales and service worldwide. As a provider of complete solutions, DewertOkin develops, manufactures and sells the standard variants of its products as well as customer-specific solutions. DewertOkin products are targeted for the bedding, seating, office, medical and agricultural markets.





PHOENIX MECANO

Phoenix Mecano Group
The Swiss corporation Phoenix Mecano is a global technology company and market leader in electrically adjustable drives for furniture and comfort furniture. Phoenix Mecano specializes in machine/facility engineering and medical technology as well as the residential and care sectors. DewertOkin is part of the Mechanical Components division of the Phoenix Mecano Group and is responsible for one third of total sales.

Production sites



Hungary



Romania



China



USA



A Phoenix Mecano Brand

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