

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 10- and 20-series provide 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 COMPACTeco and SMARTneo control units, which can be configured according to different desk requirements and include the smart system protection via ISP software. Desk systems using either the new DD351.3 or the DD371.3 in combination with the MotionManager control unit offer a more economic solution, while providing all functions including a sensitive collision detection. The sensitivity can be adjusted by the operator dependant on specific requirements.

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



OFFICE PRODUCT OVERVIEW

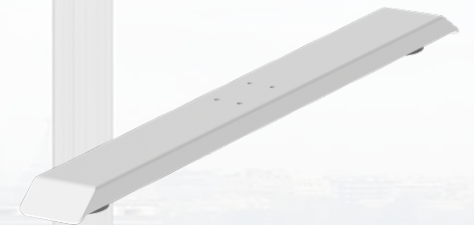
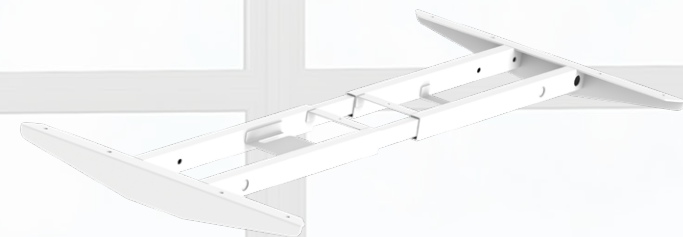
1. Lifting columns

2. Desk frames

3. Feet

4. Control units

5. Handsets



LIFTING COLUMNS

VERSATILE SYSTEMS FOR DESKS

Reliable lifting columns for any requirement: The OKIN lifting columns DD11S, DD21S and ID21 excel in high stability, attractive design, and quick and easy low-noise height adjustment. Their high load capacity makes them ideal for high-performance desktop systems, while the control unit consumes less than 0.3 W in standby mode.

COLORS



Custom colors on request

	DD11S	DD21S	ID21
Stroke length	500 mm	650 mm	650 mm
Installation dimensions	645 mm	565 mm	520 mm
Speed of movement (max., unloaded)	35 mm/s	35 mm/s	38 mm/s
Column profile (max.)	62 mm x 80mm	62 mm x 80 mm	62 mm x 80 mm
Column	Two-section telescopic column in steel	Three-section telescopic column in steel	Three-section telescopic column in steel
Lifting capacity (max., per column)	700 N	700 N	800 N
Motors	Maintenance-free 24V DC motors	Maintenance-free 24V DC motors	Maintenance-free 24V DC motors
IP code	IP20	IP20	IP20

LIFTING COLUMNS

ECONOMIC SOLUTIONS FOR STABLE DESKS

Sturdy and comfortable: The DD351.3 and DD371.3 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



Custom colors on request

	DD351.3	DD371.3
Stroke length	650 mm	650 mm
Installation dimensions	560 mm	560 mm
Speed of movement (max., unloaded)	35 mm/s	35 mm/s
Column profile (max.)	50 mm x 80 mm	70 mm x 70 mm
Column	Three-section telescopic column in steel	Three-section telescopic column in steel
Lifting capacity (max., per column)	800 N	800 N
Motors	Maintenance-free 24V DC motors	Maintenance-free 24V DC motors
Protection class	IP20	IP20

DESK FRAMES AND FEET

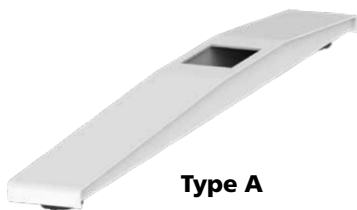
FOR DD1X AND DD2X-SERIES

COLORS

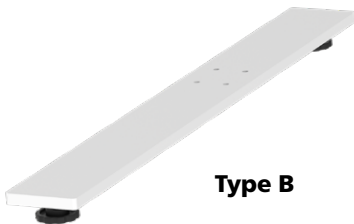


Modern design and excellent stability: Our desk frames and feet are optimized to every standard applicable. Different versions, such as T and L desk feet and frame designs round off our range of lifting column systems. Our range includes special features, such as variable width adjustment towards an ideal solution for almost any type of application. Technical implementation of requirements to specification using tried and trusted components is another strength at OKIN.

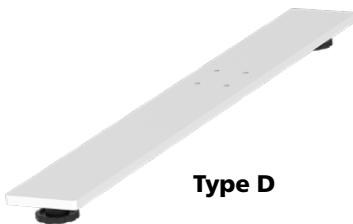
FEET



Type A



Type B

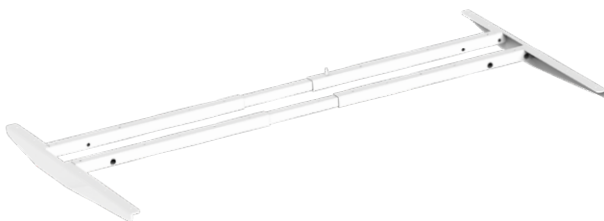


Type D

Length | 559 or 710 mm

ADJUSTABLE FRAME

DD11S/DD21S



ID21



	DD11S/DD21S	ID21
Frame length (min.)	1,160 mm	1,160 mm
Frame length (max.)	1,760 mm	1,760 mm
Side bar length	550 or 700 mm	550 or 770 mm

DESK FRAMES AND FEET

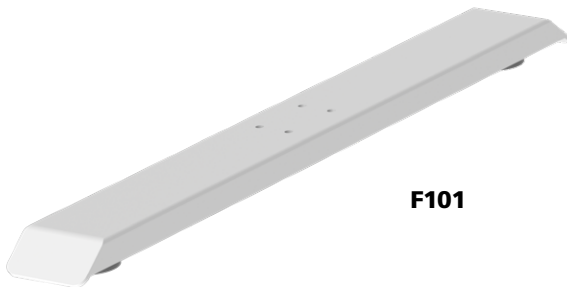
FOR DD3X-SERIES

COLORS



Economic components for maximum stability: The FR101 frames and F101 feet are ideal for the construction of robust table systems in a sophisticated design. They are specially designed for combination with the DD351.3 and DD371.3 lifting columns. The intensively tested components comply with all current standards and are also available in individual designs on request.

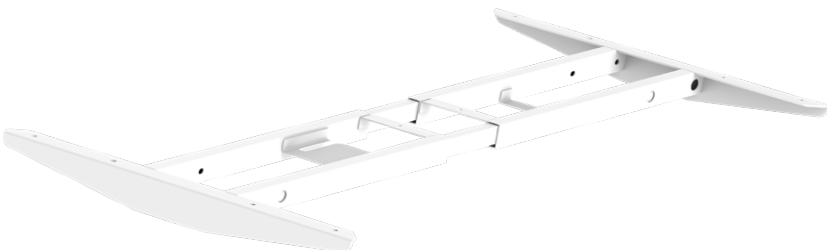
FEET



F101

Length | 660 mm

ADJUSTABLE FRAME



	FR101
Frame length (min.)	1,350 mm
Frame length (max.)	1,800 mm
Side bar length	575 mm

CONTROL UNITS AND HANDSETS

FOR ALL LIFTING COLUMNS

OKIN Accessories for individual requirements: The intelligent COMPACTeco, SMARTneo and SMARTneo-pro 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	SMARTneo-pro
			
Control unit	Microprocessor control unit	Microprocessor control unit	Microprocessor control unit
Output	360 VA	240 VA	240 VA
Standby	0.3 W	0.3 W	0.3 W
SMPS	Yes	Yes	Yes
Drive connections (with linked controls)	1-3 (max. 12)	1-2 (max. 4)	1-2 (max. 4)
Control connections	1	1	1
Collision detection	Yes	Yes	Yes
Options	Software customizable up to four control units linkable	Software customizable up to two control units linkable	Software customizable up to two control units linkable

HANDSETS

MotionAssist



HSCO



HSU



EASY2move



TOUCHbasic-down



TOUCHfx



TOUCHbasic-inlay



TOUCHinlay

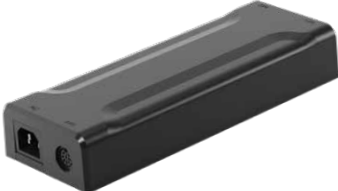


CONTROL UNITS AND HANDSETS

FOR DD3X-SERIES

The MotionManager MM100/M2 is the economical control unit solution for height-adjustable desks. The control unit is 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 UNIT

	MotionManager 100/M2
	
Control unit	Microprocessor control unit
Output	240 VA
Standby	0.1 W
SMPS	Yes
Drive connections	2
Handsets	1
Collision detection	Yes

HANDSETS

MotionAssist 100/02



MotionAssist 100/06



MotionAssist 100/06/USB



MotionAssist 200/07



EXPERTISE IN DRIVE TECHNOLOGY

THE DEWERTOKIN GMBH AND PHOENIX MECANO GROUP



A Phoenix Mecano Brand

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



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China



USA



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