

# MOVABLE SHELVING SYSTEM

## MOVABLE SHELVING WITH SOFT TOUCH ELECTRIC DRIVE

### MODERN SYSTEM

The movable shelving with SOFT TOUCH system is a truly innovative solution. Moving particular units no longer requires any physical effort. Tap gently in specific spot to gain access to required archives. This is a perfect solution for large and frequently used archives, when user is carrying documents and cannot use hands, especially disabled people. Shelving moves smoothly, what protects files against changing their position when moved.



### VARIOUS SOLUTIONS



### MEDALIST SHELVING



see how it works



shelving with sliding doors



shelving with shelves



shelving with mesh panel

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### FUNCTIONS

Movable shelving system provides the possibility of transmission by means of an electric motor and cogwheels coupled with transmission shaft. The control system has the following functions:

- opening,
- blocking,
- resetting,
- failure alarm,
- moving apart, airing,
- user protection, safety.



The trackage is galvanized. The total height of the track is 12 mm. Trackage is anchored to the floor with expansion bolts. The outermost tracks have an anti-tilt system, protecting against overturning. Optimally selected number of rails ensures smooth and easy movement of units. There is also a possibility of installing a chain in the trackway.

### FRAME CHASSIS



The frame is made of steel profiles powder coated in RAL 7035 colour. The frame is equipped with shafts and cast iron wheels. The wheels have ball bearing to improve the quality of use. The frames are equipped with rubber distance buffers in order to prevent units from sliding off. Movable shelving provide the possibility of transmission by means of following elements: electric motor, cogwheels coupled with transmission shaft.

### LOAD-BEARING WALL



Load-bearing wall is made of powder coated steel, perforated every 25 mm (either in intervals or continuously). Thus shelves can be adjusted at any desired height. For additional rigidity of units, a cross-wise strengthening is applied.

## MOVABLE SHELVING SYSTEM

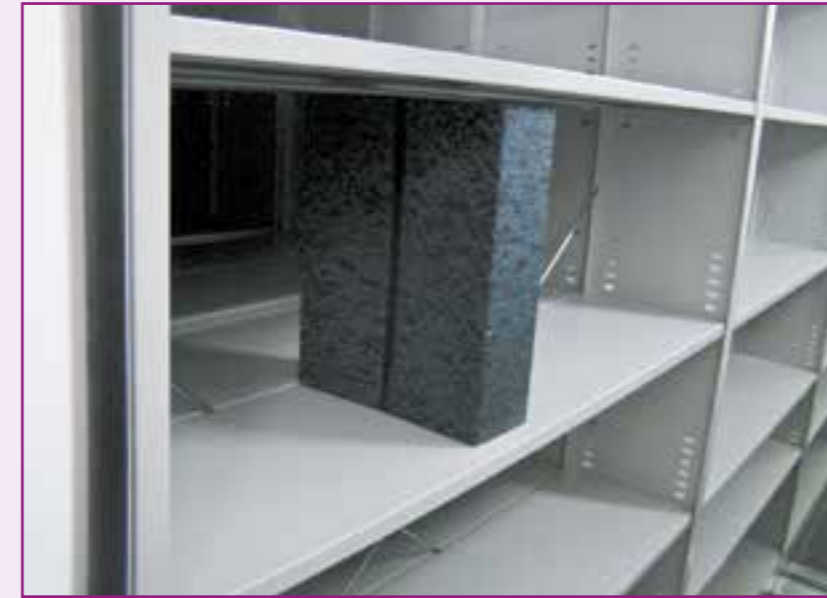
### MOVABLE SHELVING WITH SOFT TOUCH ELECTRIC DRIVE

Movable shelving with 'SOFT TOUCH' electric drive combines functions of archiving huge stocks of documentation with the best user experience.



Shelves are made of powder coated steel and are equipped with dividers, which prevents documents from moving onto the neighbouring shelf.

Shelf's loading capacity is 40 kg or 80 kg (as an option). The front load bearing wall, from the side of the control panel, is covered with a decorative panel. There is a place for nametags on the whole width of the panel.



## SAFETY



The shelving is designed with a possibility of locking with special keys. The access to particular units might be restricted only to employees possessing a particular key. The shelving also has an in-built 'night positioning' option. All units move to make an equal distance from another so as to provide additional ventilation of stored items. Units are equipped with electric overload protection which reacts to all obstacles while moving. Additionally, the shelving is equipped with a passive safety system. The system forces users to have a look at an opened alley, before it moves to another. All the functions guarantee safety of use.

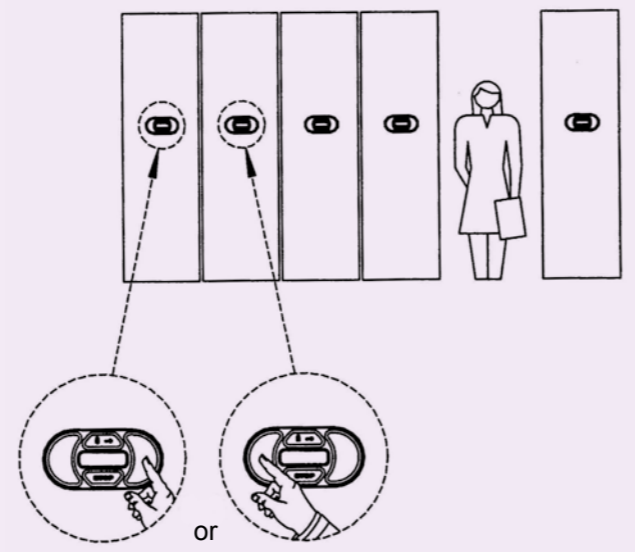
# MOVABLE SHELVING SYSTEM

## MOVABLE SHELVING WITH SOFT TOUCH ELECTRIC DRIVE

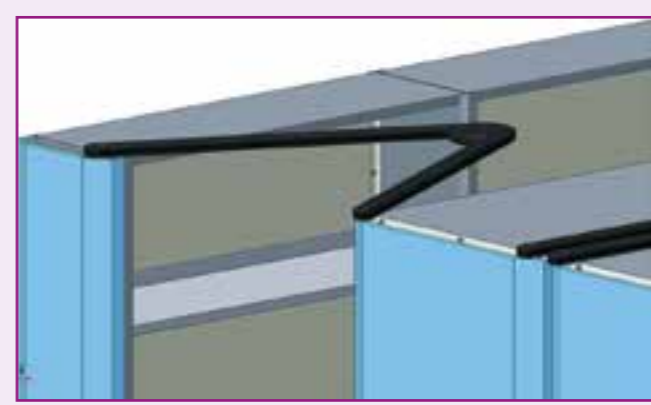
Movable shelving with modern electric drive. The control panel and the entire mechanism of the electric drive are fine-tuned in every detail, with the greatest safety consciousness and comfort of the user.



Movement of the system is performed through the control panel placed on the front wall of each unit. It is possible to move all units with one control unit. Control panel indicates the direction of movement and opening of an aisle. Opening and closing of a particular unit comes down just to press the button on the control panel. The panel is equipped with the system of signal diodes, informing about the system failure. Additional control program is detecting and signalling the place and the kind of a breakdown.



The units are moved with the control panel.



Wires are hidden in a cable channels placed on the top of each unit - as shoulders between units.



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It is possible to adjust the height, the interspace of shelves and to fit solutions to individual needs of users.



Lighting of the space between units. The illumination is controlled electronically and works only above the unit currently used by a personnel. Lighting covers are placed on metal trusses, screwed to the top shelves (the covering). The illumination starts automatically when the aisle is opened and switches off when it is closed, provided software allows user to set the time after which the light switches off.



Mesh panel system for safe storage of paintings.



Pull-out frame drawers facilitate access to documents.

### SOFT TOUCH SYSTEM TECHNICAL SPECIFICATION

Height (mm)	2019	2394
Width of a shelf (mm)	1000	750
	or agreed with a customer	
Depth of a shelf (mm)	300	
Shelves per unit	5 or 6 shelves + 1 cover shelf	
Distance between shelves	350 mm or agreed with a customer	
Shelf's adjustment	every 25 mm	
Load capability of a shelf	40 kg	80 kg – (optionally)
Distance buffers	20 mm thick	
Drive	electric	
Additional equipment	<ul style="list-style-type: none"> <li>- shelf's dividers</li> <li>- lightning</li> <li>- pull-out frame drawers</li> <li>- mesh panels</li> </ul>	



## MEDALIST SHELVING



# MOVABLE SHELVING SYSTEM

## OFFICE SHELVING WITH SOFT TOUCH OFFICE ELECTRIC DRIVE

An electric office shelving is a very effective solution which significantly facilitates changing the office arrangement and its modernisation while being a functional suggestion for interior design. Nowadays flexible solutions are leading in space design. Instead of dedicated rooms, we offer mobile office shelving which are of comprehensive applications. Office shelving are not only easier to implement and cheaper than building partition walls but also they can expand and keep up with changing needs and office furniture.

The shelving may be equipped with an office part consisting of shutter cabinets with shelves, compartments and open shelves for binders. The social space is made up of a bar for clothing and a shoe shelf. The last stationary part is an upholstered seat where a worker may rest during break, have a call or have a coffee.

A sliding office shelving with an electric drive complemented with upholstered elements is an innovative suggestion for a comprehensive furnishing of an office room. It is both an excellent idea for having a rest in an office and a helpful facility for every-day office work.



Section 1



Section 2



Section 3



Section 4



### SOFT TOUCH OFFICE TECHNICAL SPECIFICATION

**Section 1** - movable and closed, equipped with two sets of filing cabinets with shutter doors. Cabinets with cylinder locks. Binders and other office supplies can be stored there. The bottom cabinet is equipped with an adjustable shelf and it can store two rows of binders. The body is made of powder coated steel.

**Section 2** - movable, equipped with two sets of clothing compartments. Each section allows you to store clothes on hangers, and additional adjustable shelves allows to store shoes and other parts of clothing. Each compartment is equipped with a shelf with metal bar and an adjustable shelf placed in the bottom part. All parts are made of powder coated steel.

**Section 3** - movable, equipped with two lockers and two shelving compartments for boxes of files. Lockers with doors made of metal and MDF board, with cylinder locks. The filing compartment is equipped with three shelves, adjustable every 25 mm. The body and elements of filing compartment are made of powder coated steel.

**Section 4** - stationary, equipped with a ~450 mm high upholstered seat. There is additional free space under the seat for storing catalogues, magazines etc.



Height	1500		
Width	1000	1500	2000
Depth	600		800
Exemplary construction	Top is covered with 16 mm thick MDF board with veneered edges, Body of the shelving is made of 0.6 – 0.8 mm thick steel sheet, Doors of lockers are made of 16 mm thick MDF board and 0.8 mm thick steel sheet, locker at 1 point, Front walls are made of 1.0 mm thick steel sheet, Elements of front and back of the shelving are upholstered.		
Exemplary equipment	~725 mm wide cabinets with shutter doors, equipped with metal shelves, ~300 mm and ~400 mm deep metal shelves, mounted on both sides of a section, Hanger for clothes, ~300 mm and ~400 mm deep lockers with MDF or metal doors, mounted on both sides of a section, Shelving compartment for boxes of files, with shelves adjustable every 25 mm, ~450 mm high upholstered seat.		
	<b>Presented shelving design and interior furnishing is exemplary. It is possible to make mobile office shelving based on customer's proposals.</b>		
Drive	Electric drive, power supply placed in a track, sections can move to any distance, drive transmission using a low power electric motor and gears coupled to a drive shaft.		
Power supply	Shelving's installation powered with 230 V AC/16A, all control and drive elements are powered with max. 24V DC voltage.		
Controlling	Touch control panel placed on front wall of each section, operated with buttons indicating movement direction of sections and corridor opening, additional shelving management program to detect and signal location and type of failure.		
Control system functions	- opening, - blocking, - reset, - failure indication, - spreading apart, - ventilation, - employee's protection, - security		
Trackage	Surface, with interference in the floor (anchored) or with filling. Galvanized tracks.		
Safety	System overload detection function, - shelving stop function at a resistance of 30 kg - overload system (electrical), reacting to increase in current in electrical circuit when encountering an obstacle between sections spread apart.		
Other possibilities	Possibility of so called 'night positioning'. Shelving can be programmed to spread apart at a given time to vent stored materials.		

The construction of the shelving and its maintenance guarantee full safety of employees. Individual sections are designed in compliance with the applicable safety standards.