

**FURNSPIN –
DATA SHEETS**

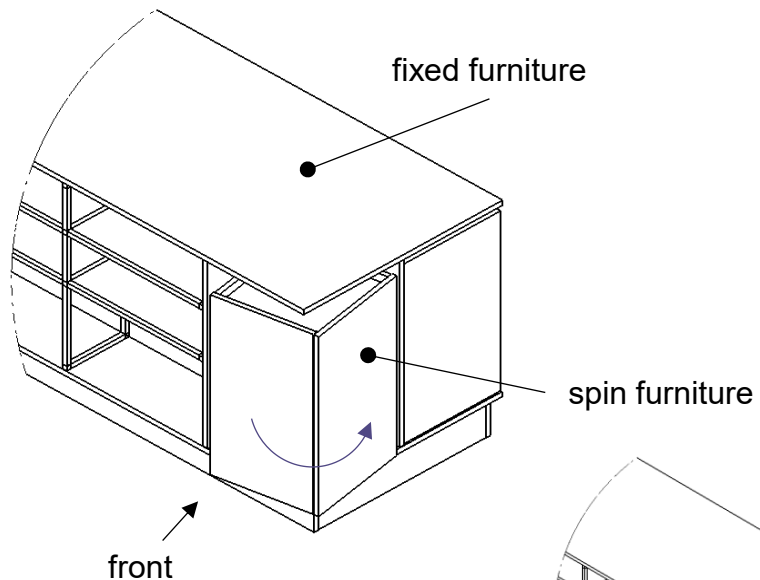
Version 5

**IT'S ALL IN
HETTICH**

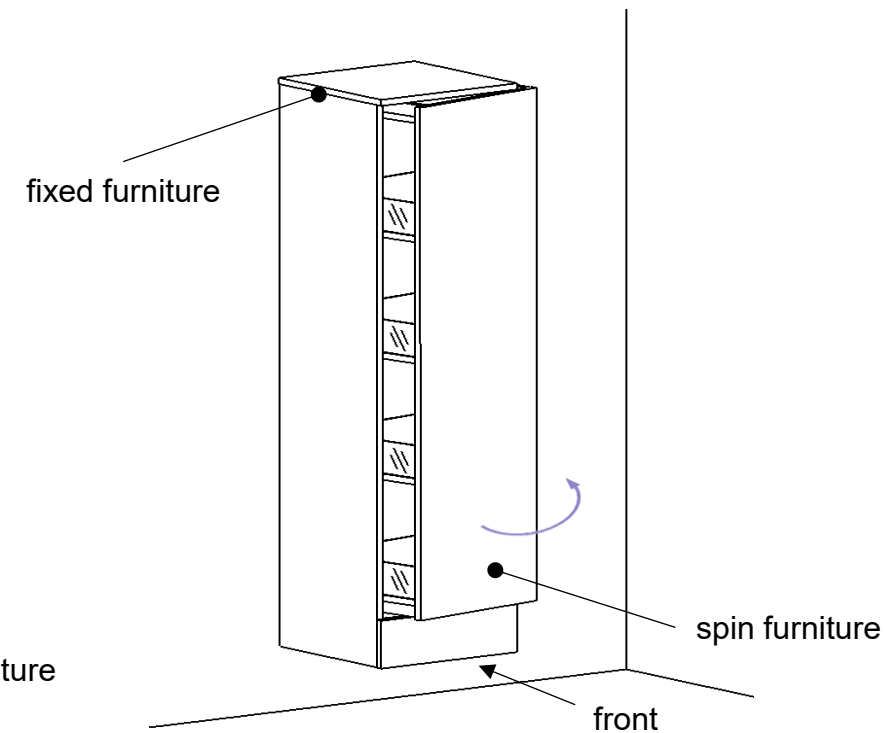
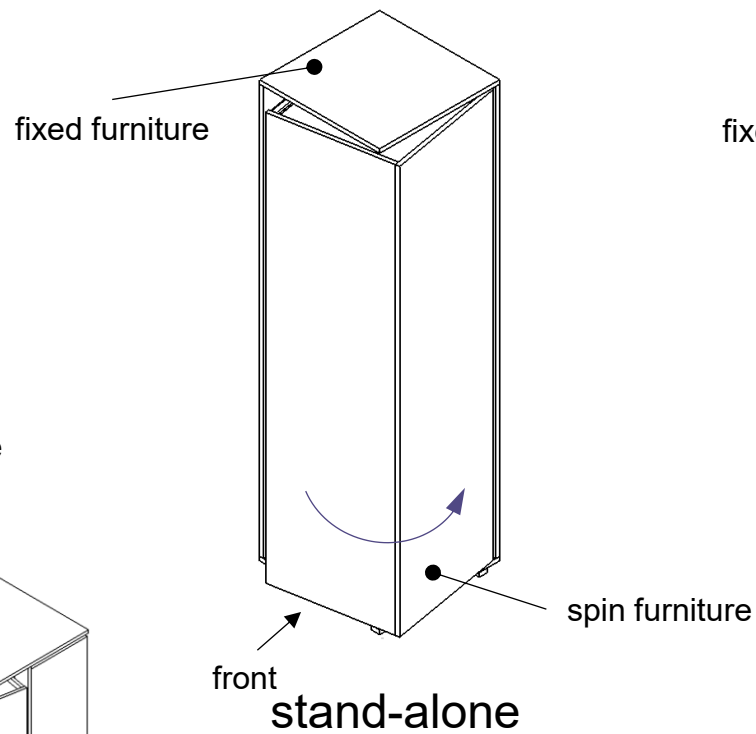
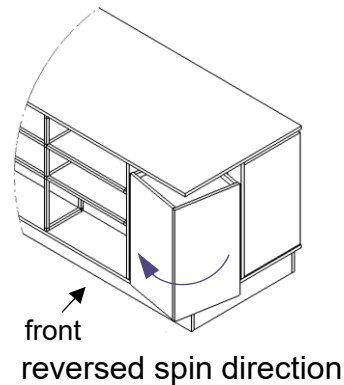

Hettich

FURNSPIN | TYPICAL SOLUTIONS

- right FurnSpin furnitures shown, left mirrored
- reversed spin direction also possible



integrated in
fixed furniture

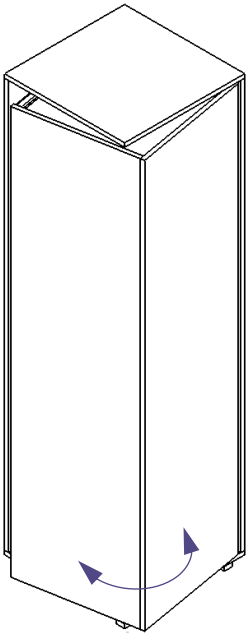


wall hanging
(bottom support necessary,
detailed information on page 22)

opening direction

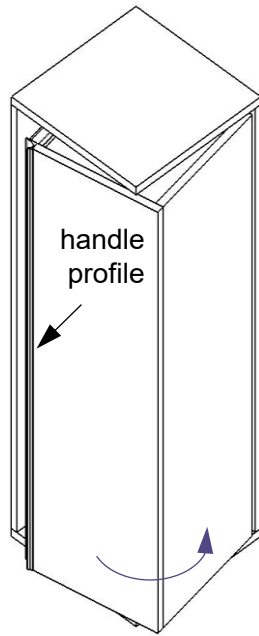
ADDITIONAL INFORMATION

SILENT SYSTEM

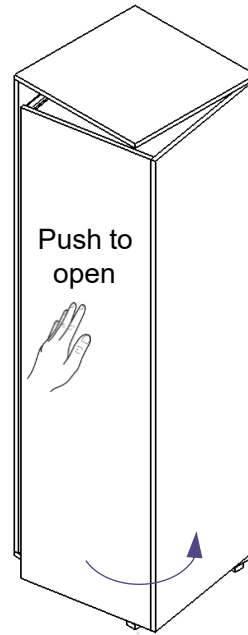


self closing with damping
always integrated
(opening & closing)

OPENING SUPPORT

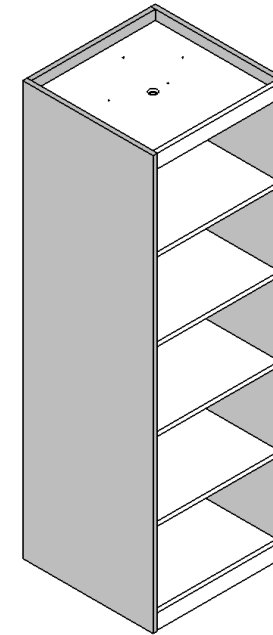


pull to open
e.g. handle profile
optional

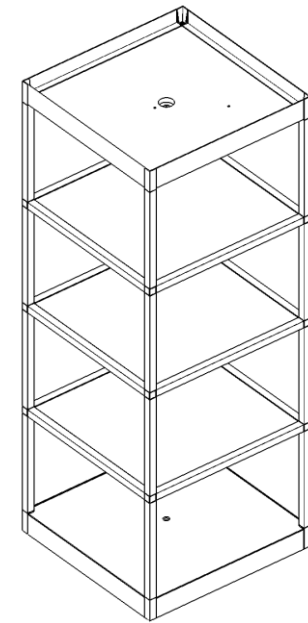
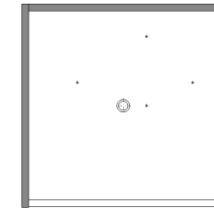


Push to open Silent
(PTO)
optional

MORE FURNITURE CONSTRUCTIONS



three sided
spin furniture



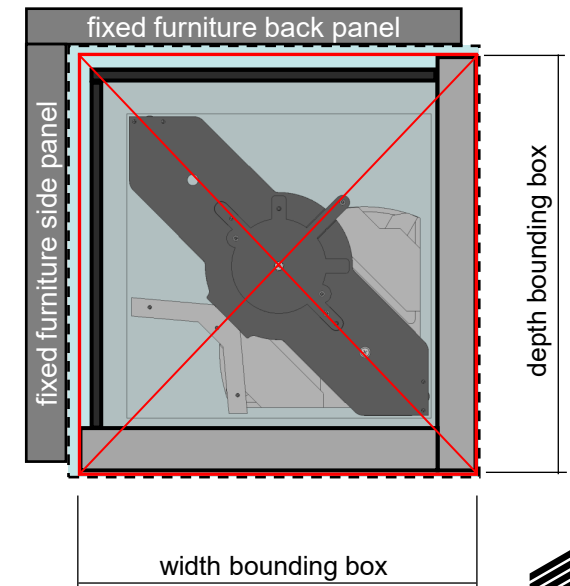
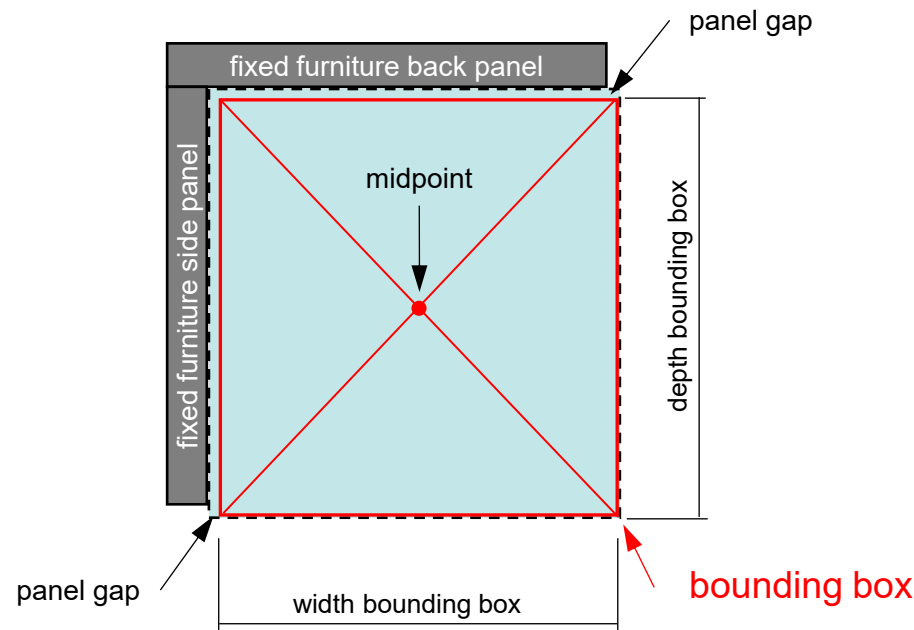
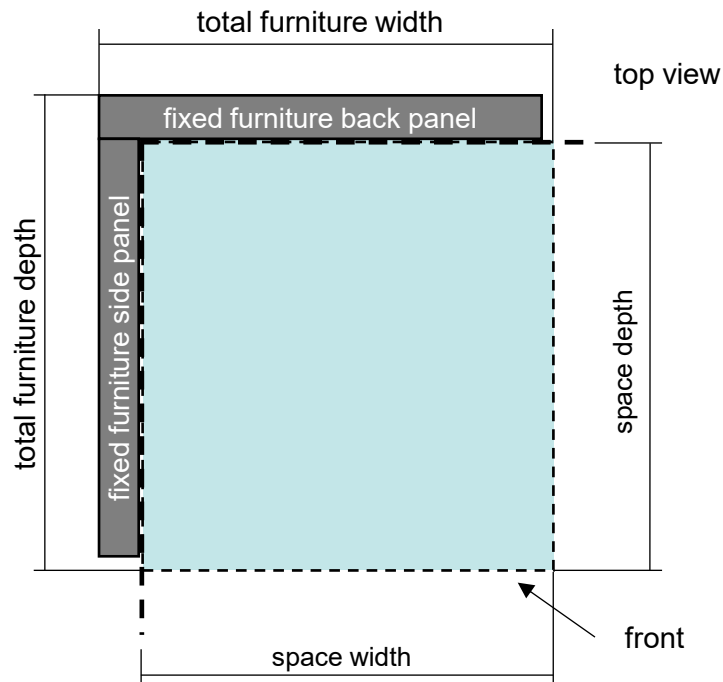
shelf
spin furniture
(frame construction)



SPACE & BOUNDING BOX DEFINITION

- the space describes the maximum width and depth from the inner side of back and side panel to the outer planned furniture faces

- the bounding box describes the base area covered by the spin furniture in its opened and closed position
- the midpoint of the bounding box defines the rotating axis of spin furniture and fitting center point



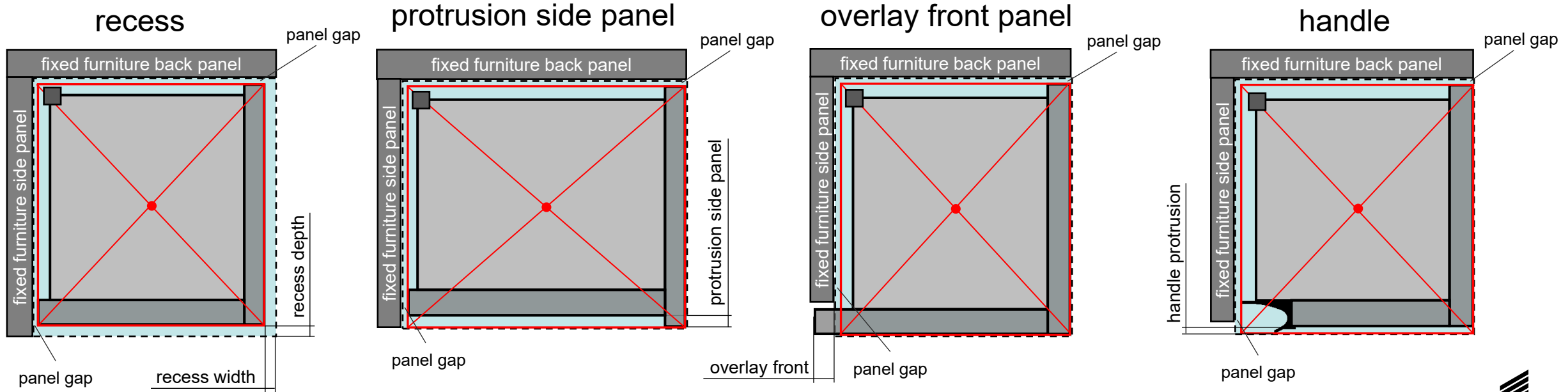
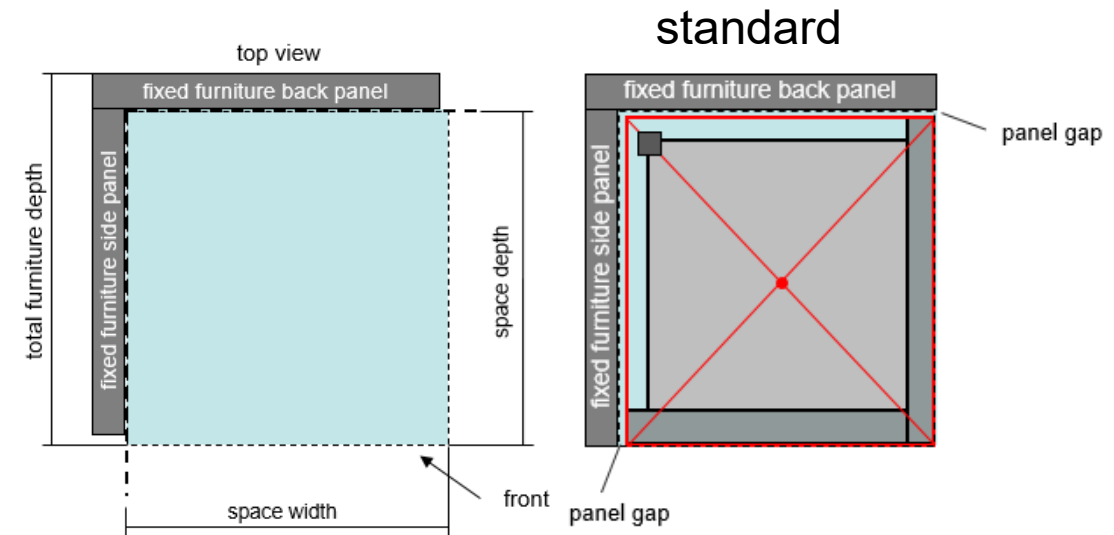
 space width/depth
  bounding box
  midpoint

SPACE & BOUNDING BOX EXAMPLES

- different examples for the definition of the bounding box
- the designs are combinable
- right installed position shown, left mirrored
- detailed planning with FurnSpin configurator



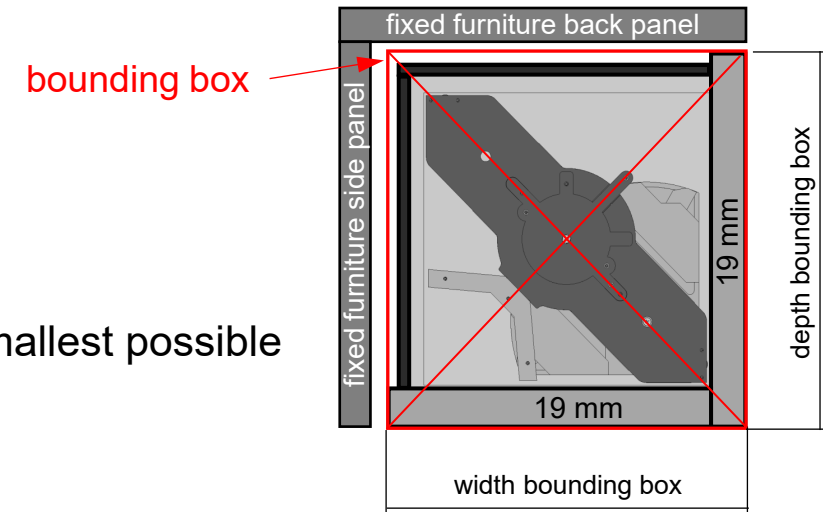
hettich.com/short/g8i4p73



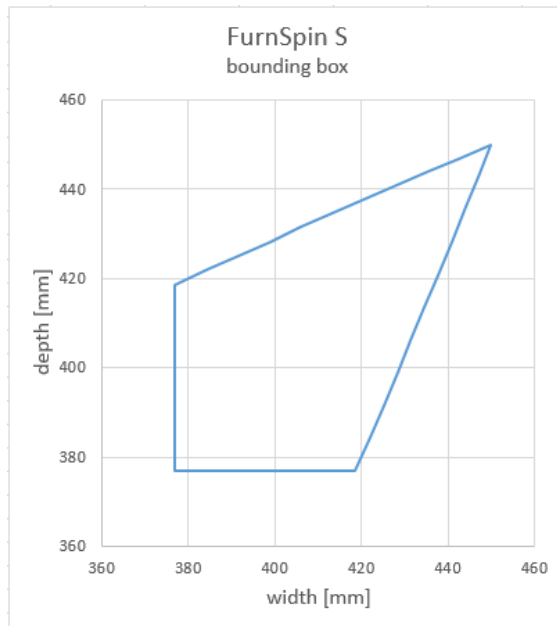
 space width/depth  bounding box  midpoint

SPIN FURNITURE SIZES

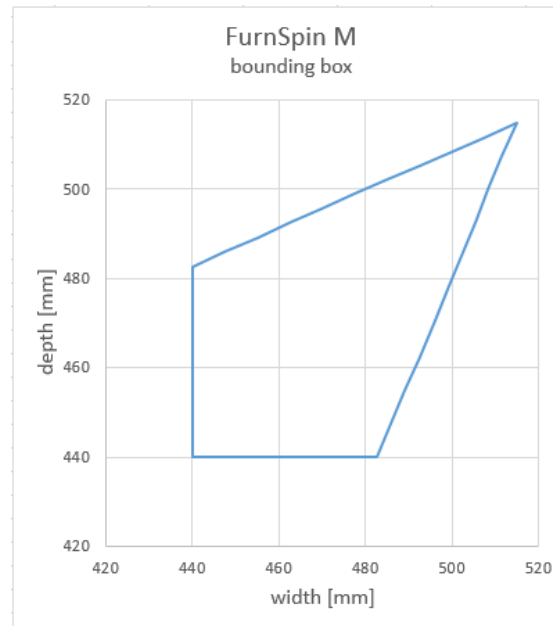
- the spin furniture front/side panel and cover thickness have influence on the smallest possible bounding box
- shown below the possible range with a panel thickness of 19 mm



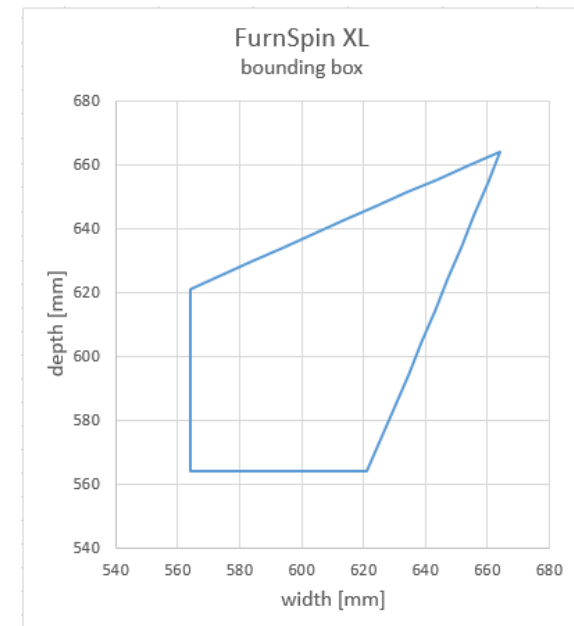
377 mm to 450 mm (S)



440 mm to 515 mm (M)

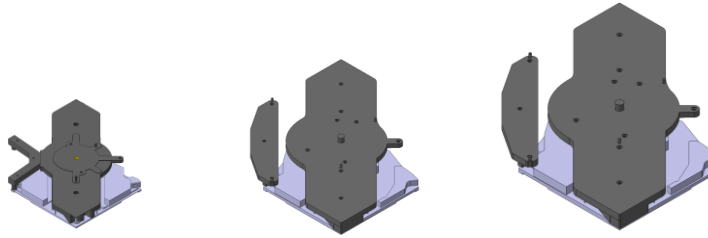


564 mm to 664 mm (XL)

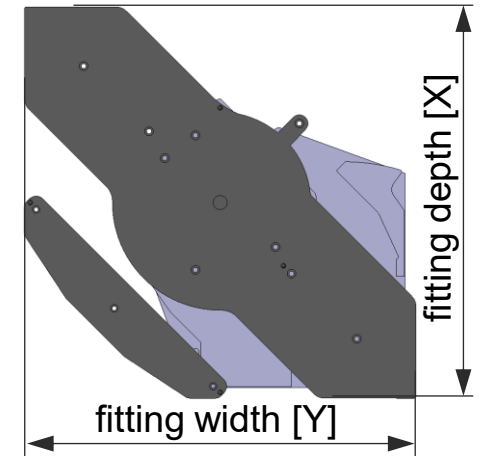


FURNSPIN DATA

- basic data for the FurnSpin fitting



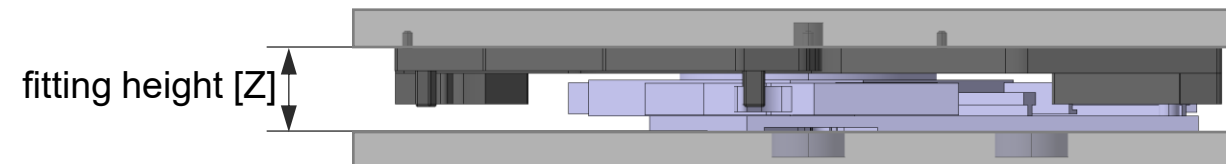
FurnSpin properties			
FurnSpin size	S	M	XL
fitting width [Y]	339 mm	402 mm	526 mm
fitting depth [X]	339 mm	402 mm	526 mm
fitting height [Z]	40 mm	40 mm	45 mm
max. weight loaded spin furniture*	80 kg	100 kg	120 kg



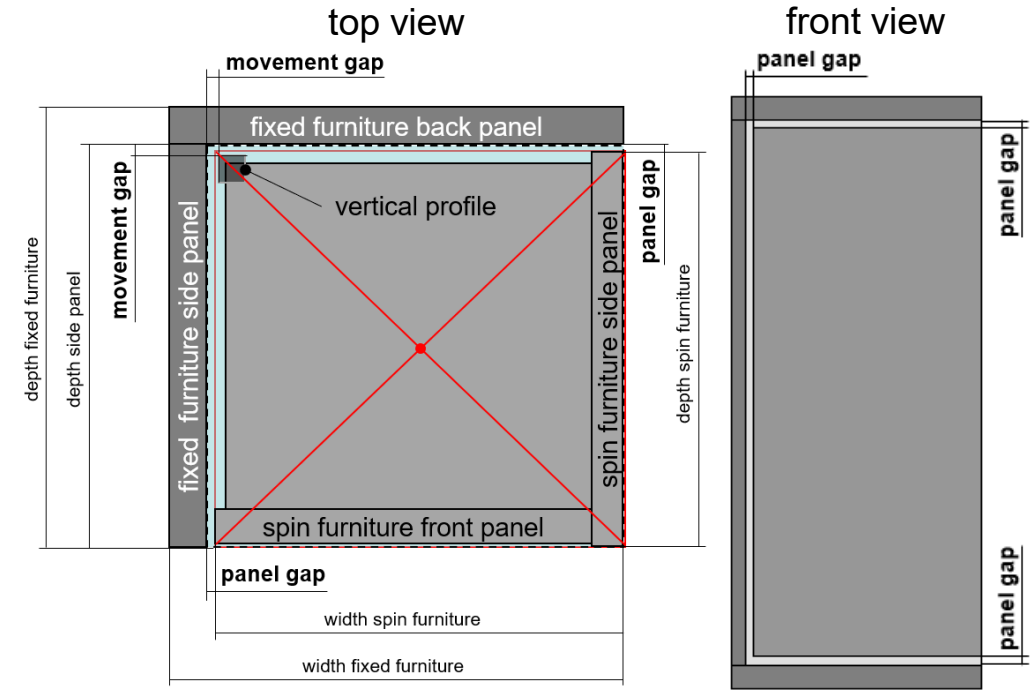
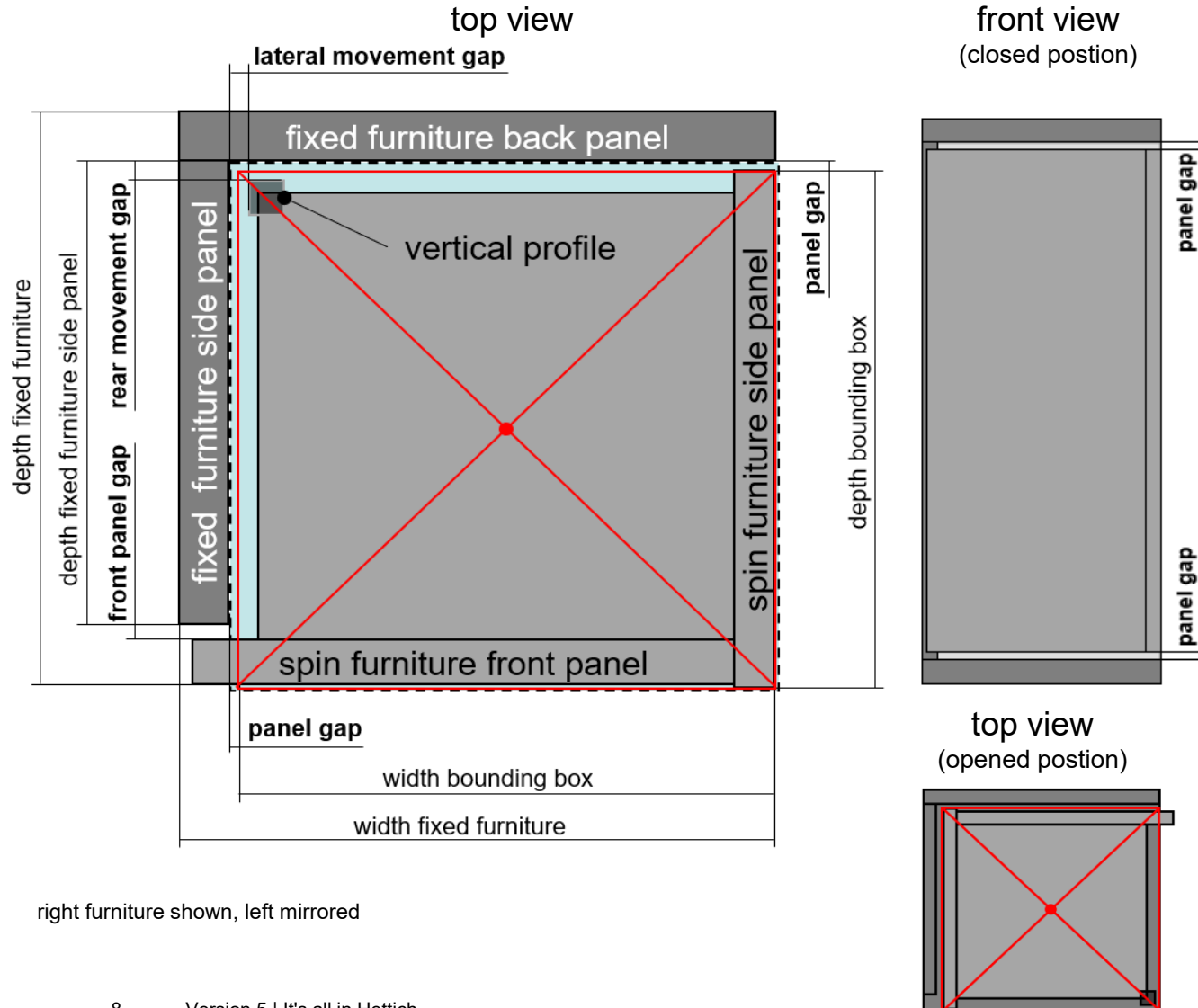
*weight of spin furniture and load

- each FurnSpin set includes a top and a bottom fitting
- it is available for right and left spin furniture position
- optional with Push to open Silent
- order numbers in the FurnSpin catalogue

https://catalog.hettich.com/Further_Products/FurnSpin_2025/en_DE/



FURNSPIN PANEL & MOVEMENT GAPS



min. gaps required			
FurnSpin size	S	M	XL
min. panel gap	3 mm	3 mm	3 mm
min. movement gap*	5 mm	7 mm	7 mm
min. front panel gap** only for PTO required	3 mm	3 mm	3 mm

*has to be reduced to 3 mm for small spin furniture if bounding box width or depth is smaller than 381 mm (S); 448 mm (M); 574 mm (XL)

**recommended min. 4 mm for more space for adjustments

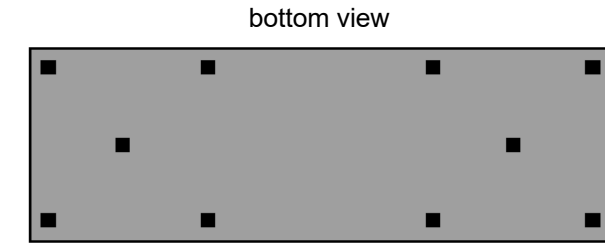
FIXED FURNITURE



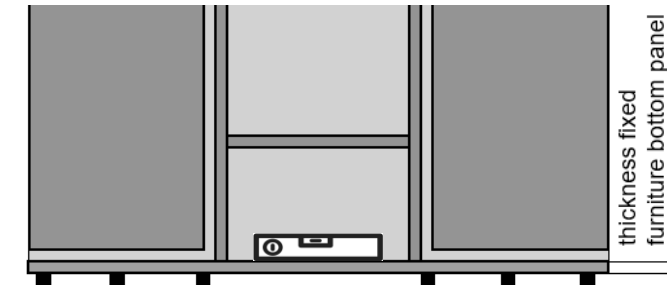
- leveling is mandatory 
- additional 5th feet or other support near the mid point is necessary
- fixed furniture must be attached to the wall or adjacent furniture
- bottom panel recess (plinth recess) requires detailed planning
 - more information on page 19 to 21
- wooden panels can be used as chipboard (P2), MDF or veneer plywood

fixed furniture			
FurnSpin size	S	M	XL
min. bottom panel thickness*	16 mm	18 mm	18 mm
min. top panel thickness	16 mm		
min. side panel thickness	16 mm		
min. back panel thickness	16 mm		

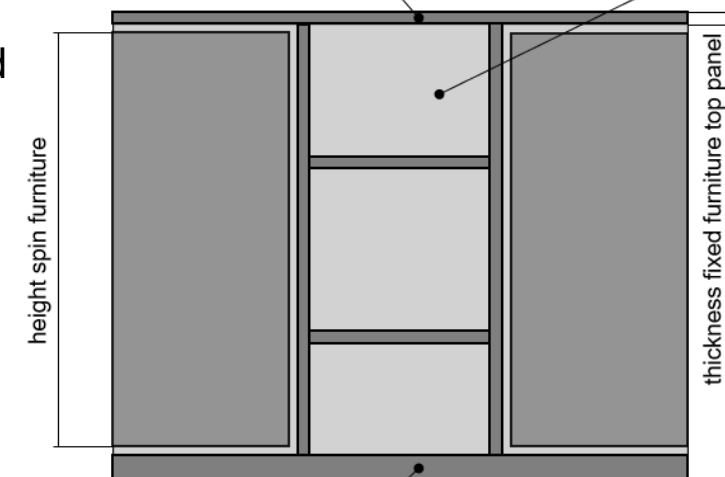
*higher material thicknesses recommended, but function is given



front view (detail)



continuous fixed furniture top panel



continuous fixed furniture plinth

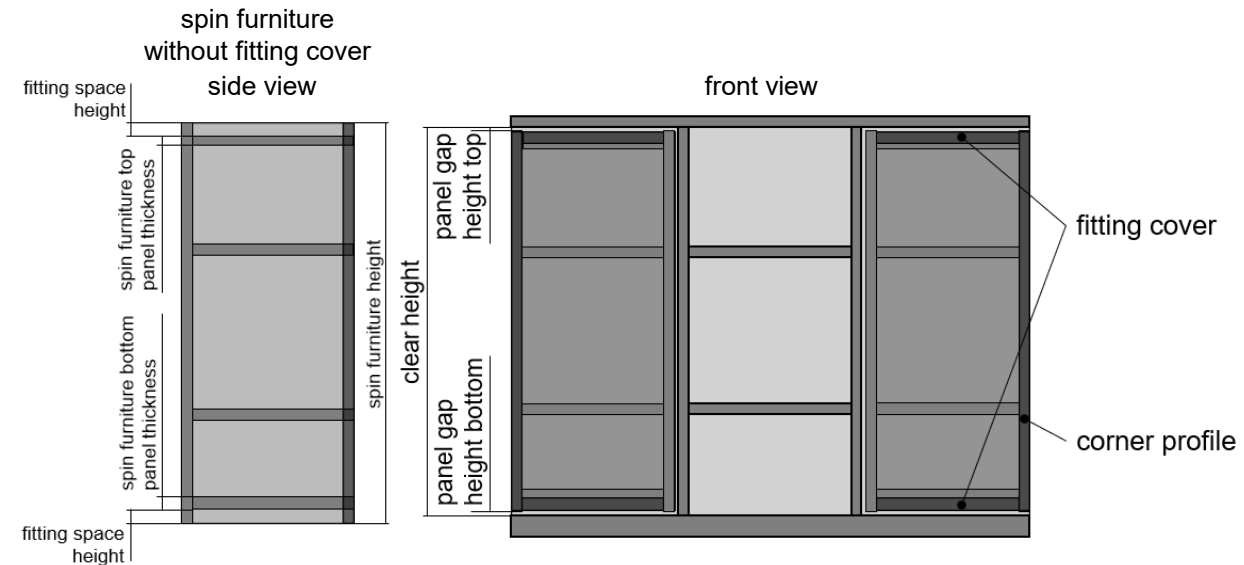
SPIN FURNITURE



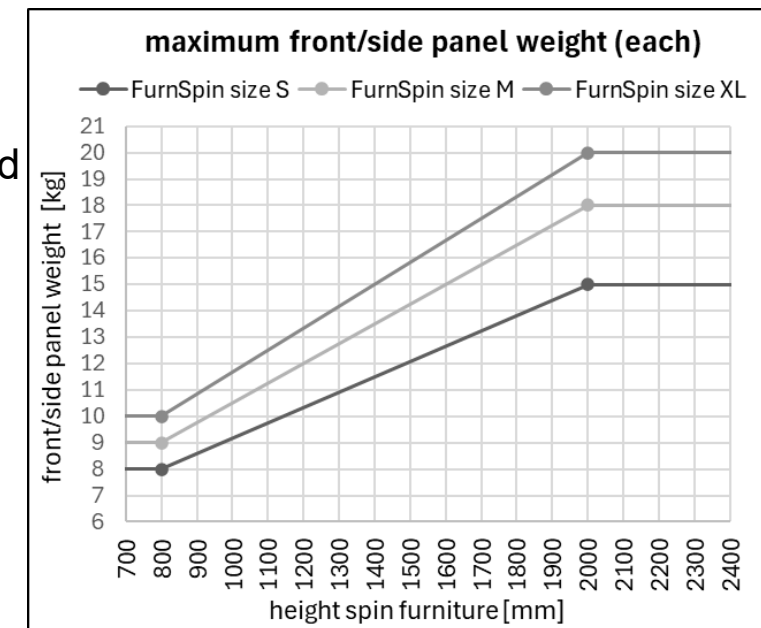
- corner profile or similar to provide sufficient stability
- fitting cover also requires a gap of min. 3 mm
- spin furniture height for all fitting sizes:
between 700 mm and 2400 mm recommended
- fitting space height:

$$\text{fitting space height} = \text{fitting height} - \text{panel gap}$$

- wooden panels can be used as chipboard (P2), MDF or veneer plywood

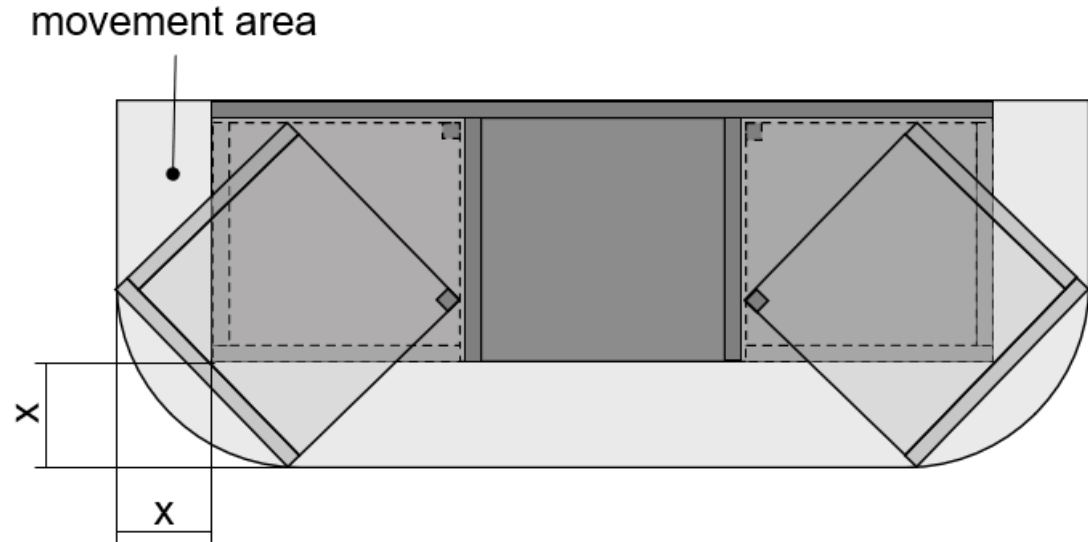


spin furniture			
FurnSpin size	S	M	XL
min. bottom panel thickness*	19 mm	22 mm	25 mm
min. top panel thickness	16 mm	16 mm	16 mm
min. front/side panel thickness	16 mm	16 mm	16 mm
max. front/side panel weight	depending on furniture height, see diagram		

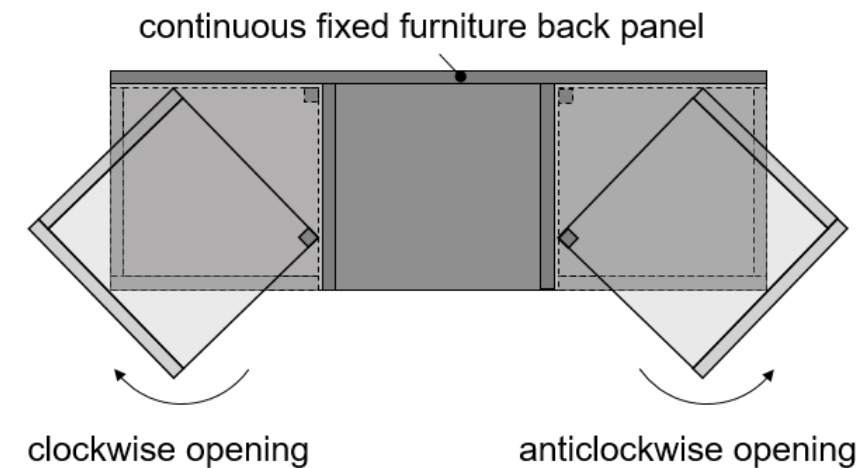


MOVEMENT AREA OUTSIDE FIXED FURNITURE

- the movement area describes the minimum space that must be considered for the movement sequence
- the dimension X can be calculated with the specific furniture dimensions by Hettich

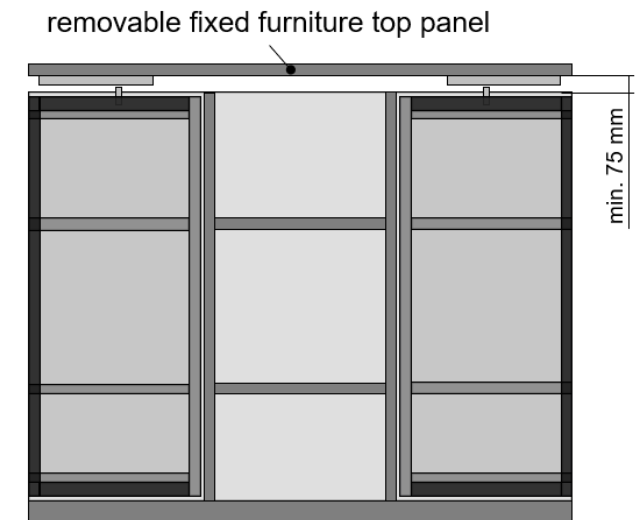
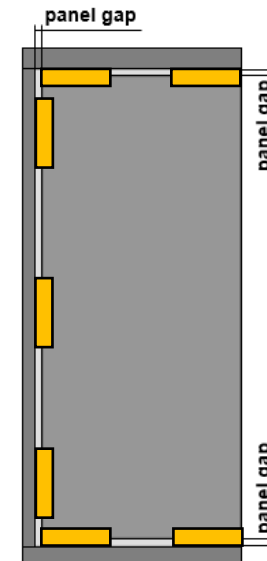
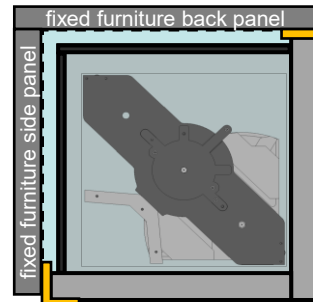


dimension X			
FurnSpin size	S	M	XL
smallest spin furniture S 377x377; M 440x440; XL 564x564	192 mm	218 mm	275 mm
biggest spin furniture S 450x450; M 515x515; XL 664x664	207 mm	234 mm	296 mm

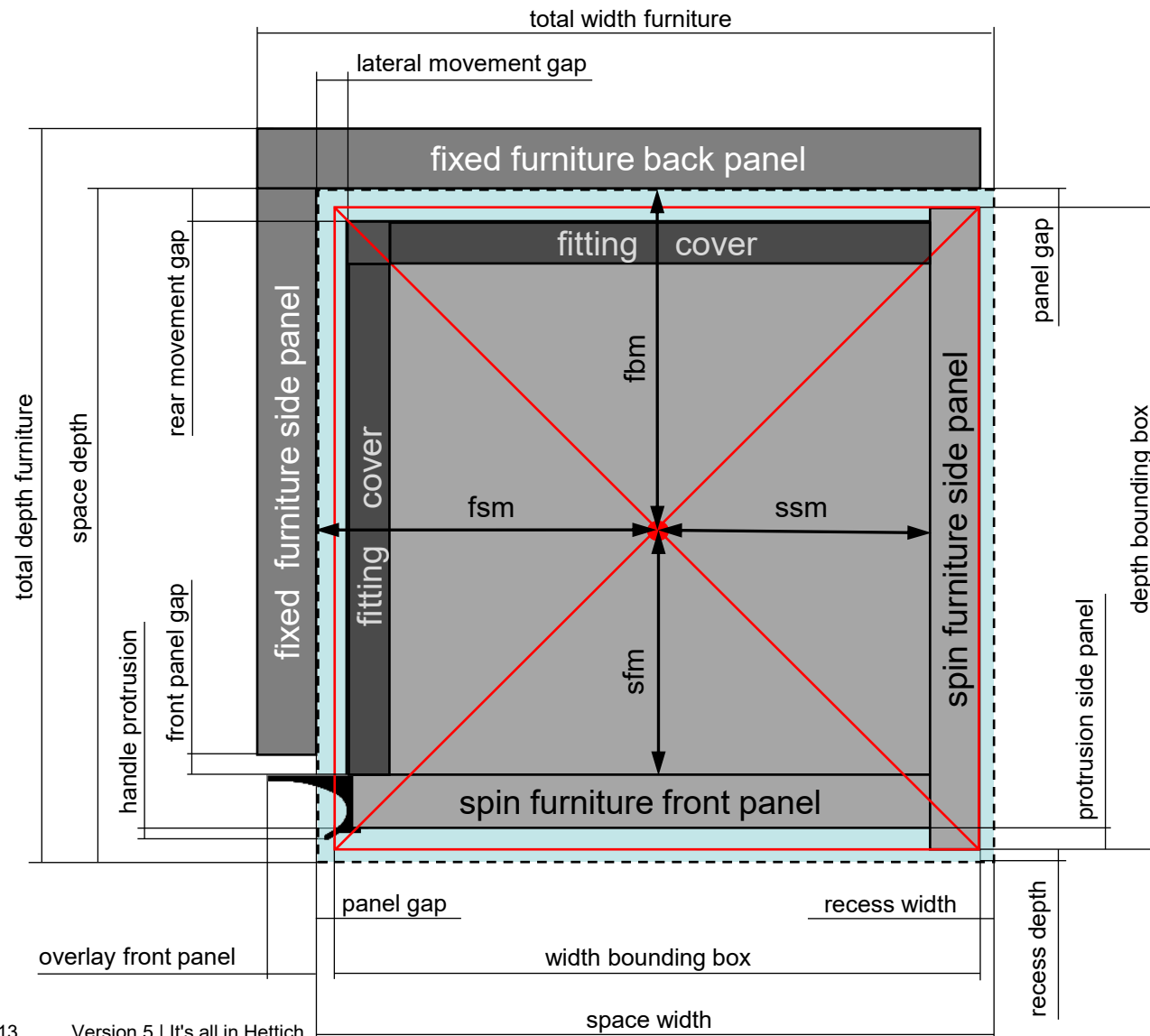


INSTALLATION & TRANSPORTATION

- installation
 - the removable fixed furniture top panel is mounted from above during the final assembly step
 - min. 75 mm space is required above the cabinet for mounting the removable fixed furniture top panel
 - all needed screws are included
 - chipboard screw panhead Ø4mm x 16mm
- transportation
 - distance strips between all gaps (e.g. cardboard)
 - allowed transportation positions of the assembled furniture:
 - closed and opened spin furniture
 - upright
 - back of fixed furniture
 - side of fixed furniture



FURNSPIN DIMENSIONS



- The midpoint of the bounding box defines the rotating axis of spin furniture and fitting center point

- complete drilling pattern for the fittings
 - system drawings or configurator



hettich.com/short/ftimej2



hettich.com/short/g8i4p73



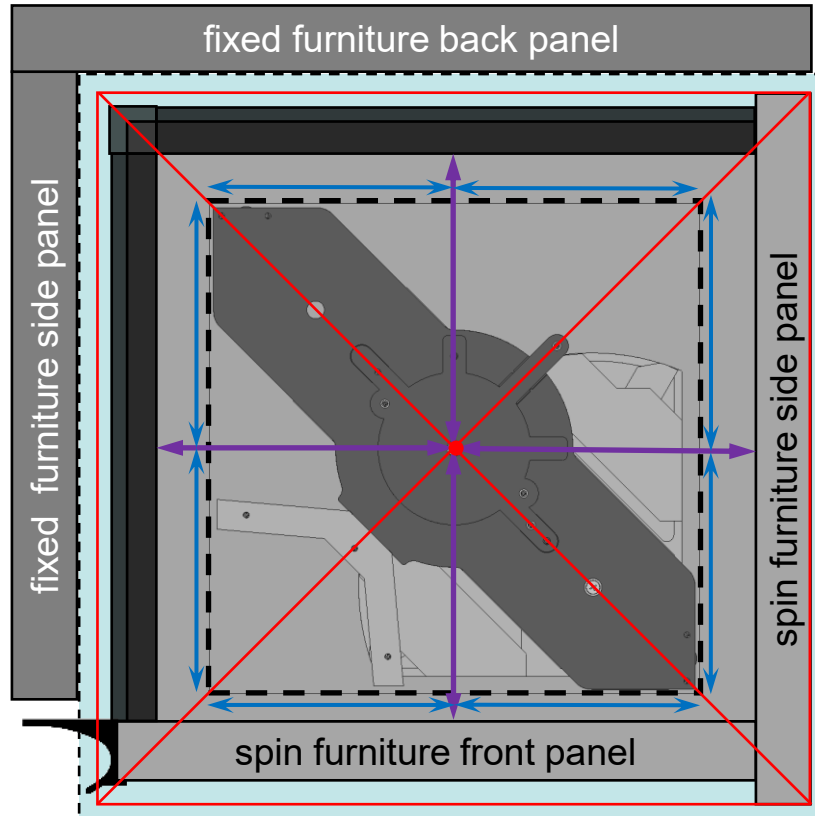
- **fixed furniture** dimensions
 - fbm - distance **fixed furniture back panel** to **midpoint**
 - fsm - distance **fixed furniture side panel** to **midpoint**
- **spin furniture** dimensions
 - sfm - distance **spin furniture front panel** to **midpoint**
 - ssm - distance **spin furniture side panel** to **midpoint**
- **attention: complete fitting drilling pattern of spin furniture is not mirrored for the opposite side**

 space width/depth
 bounding box
 midpoint

right furniture shown, left mirrored

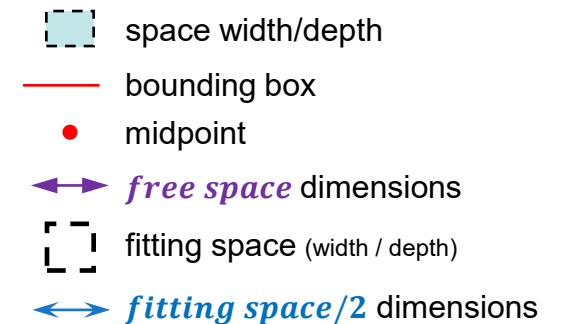
Hettich

FITTING SPACE VERIFICATION



FurnSpin size	S	M	XL
fitting space (width / depth)	□ 339 mm	□ 402 mm	□ 526 mm
<i>fitting space/2</i> (width / depth)	□ 169,5 mm	□ 201 mm	□ 263 mm

- The midpoint of the bounding box defines the rotating axis of spin furniture and fitting center point



$$\min(\text{spin furniture free space}) \geq \text{fitting space}/2$$

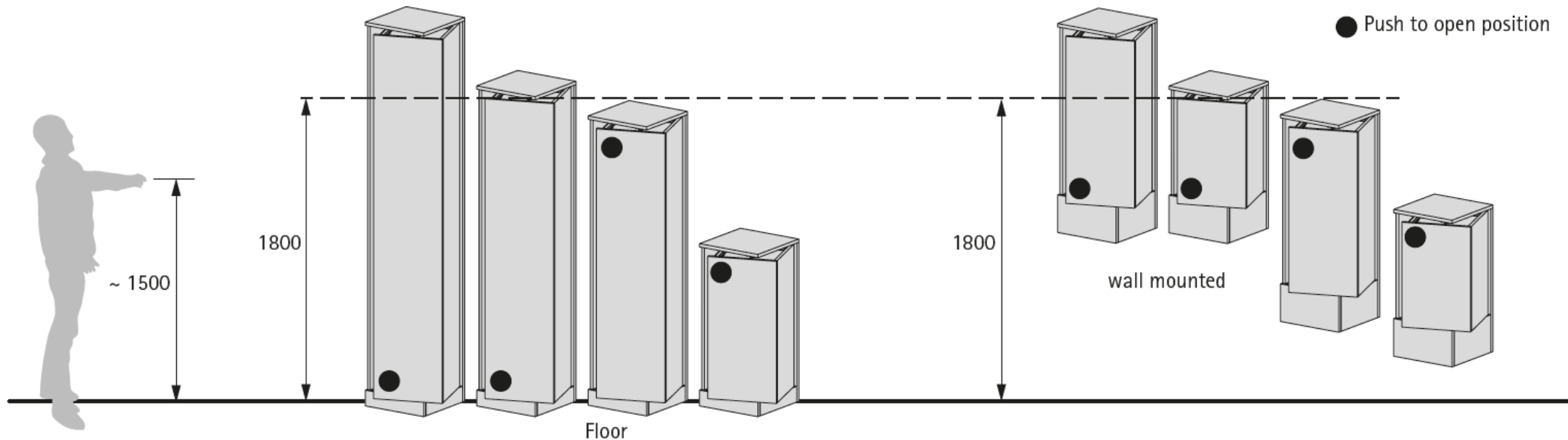
FURNSPIN | PTO - RECOMMENDED INSTALLATION POSITION

Push to open Silent position selected

Recommendation:

Top edge of Spin furniture above ≥ 1800 mm: Push to open positioned at bottom

Top edge of Spin furniture below < 1800 mm: Push to open positioned at top



ACCESSORIES FURNSPIN

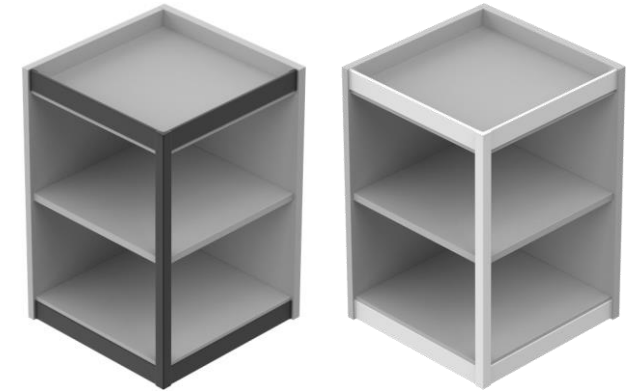
- FS Cadro
 - fitting cover bottom and top (horizontal)
 - corner profile (vertical)
 - available in black and white

- cable management
 - power supply (max. 24 V DC) through bottom or top panel of fixed furniture
 - detailed planning information
 - mounting instruction
 - FurnSpin_cable_management - System_Drawings

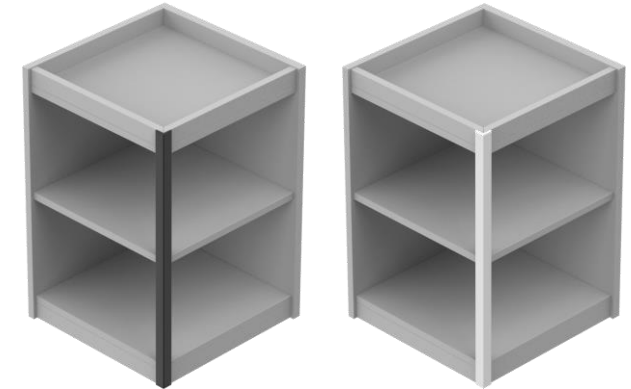


hettich.com/short/ftimej2

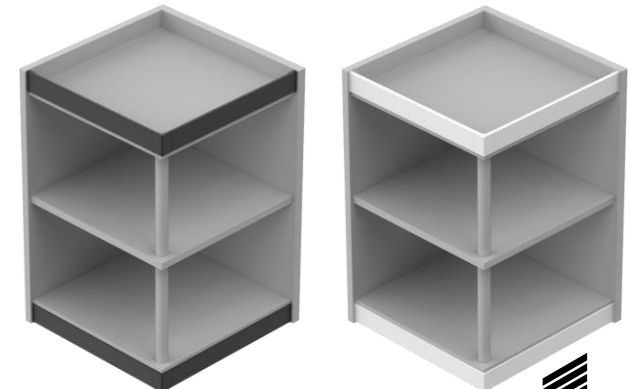
FS CADRO
COMPLETE
(+ 1x V-SET FS CADRO SHELF)



FS CADRO
HYBRID VERTICAL
(+ 1x V-SET FS CADRO SHELF)



FS CADRO
HYBRID HORIZONTAL



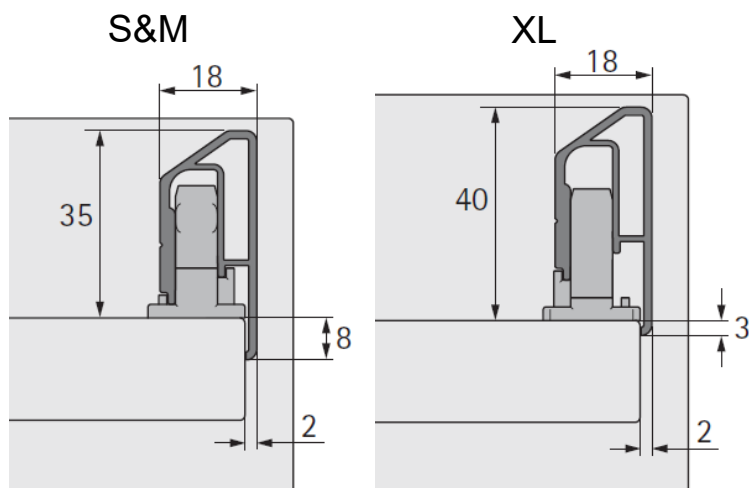
FS CADRO STANDARD & HYBRID VERTICAL

- prepositioning drillings in spin furniture necessary
- detailed planning in FS Cadro mounting instructions

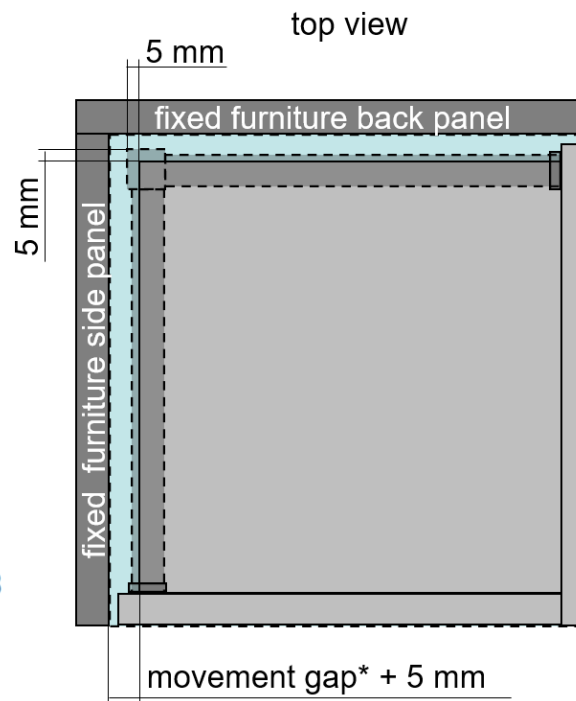


hettich.com/short/ftimej2

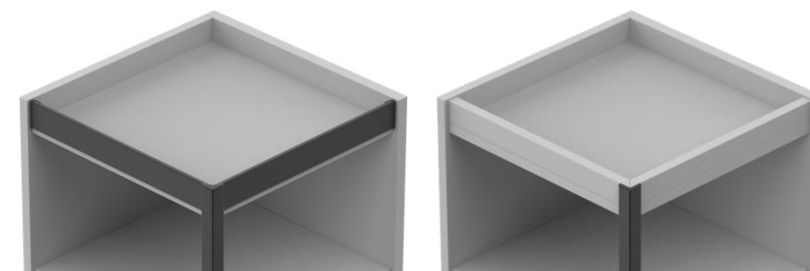
detailed view



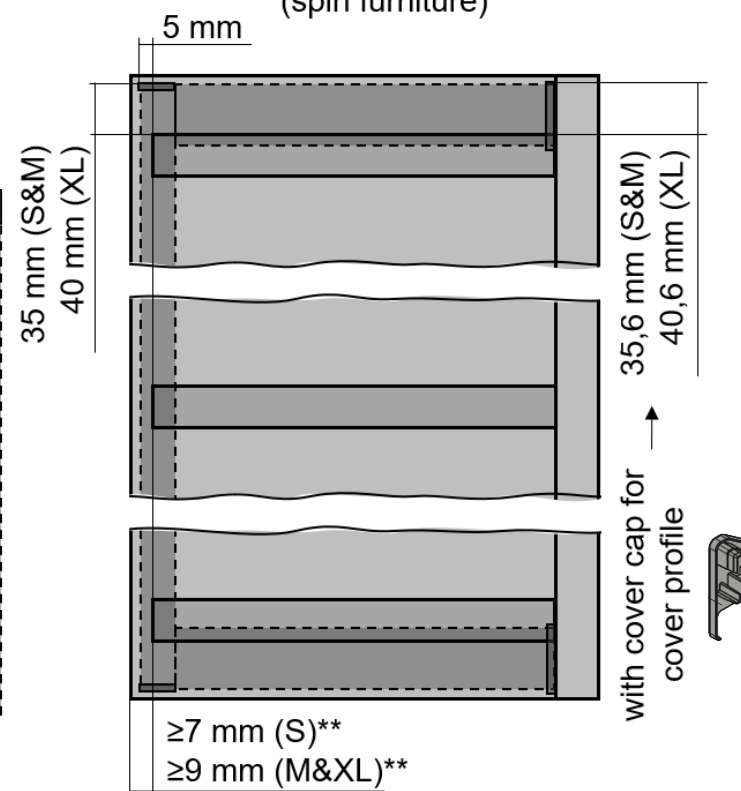
right shown, left mirrored



* movement gap has to be reduced to 3 mm if bounding box width or depth is smaller than:
381 mm (S); 448 mm (M); 574 mm (XL)



side view
(spin furniture)



** has to be reduced to 5 mm if bounding box width or depth is smaller than:
381 mm (S); 448 mm (M); 574 mm (XL)

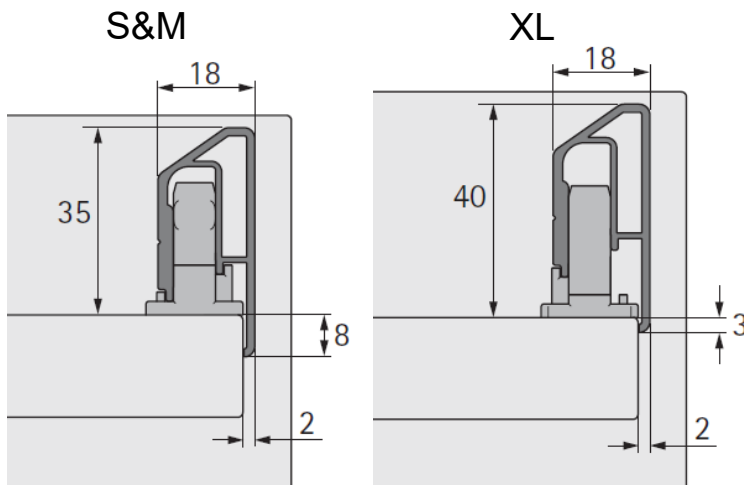
FS CADRO HYBRID HORIZONTAL

- prepositioning drillings in spin furniture necessary
- detailed planning in FS Cadro mounting instructions



hettich.com/short/ftimej2

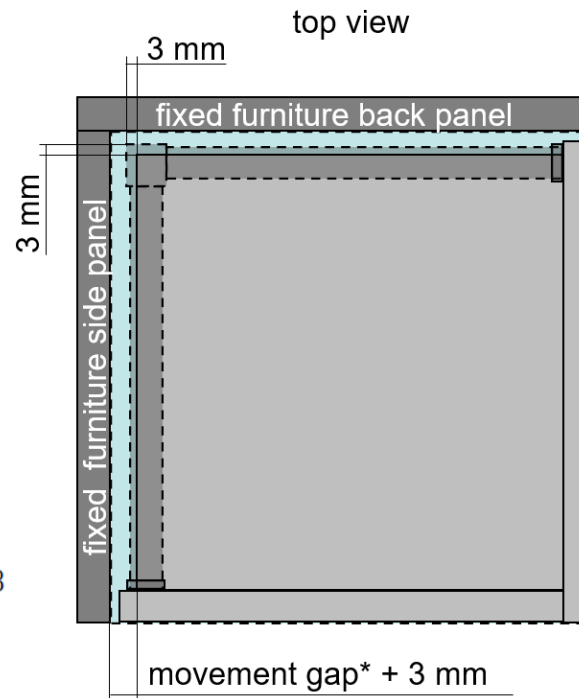
detailed view



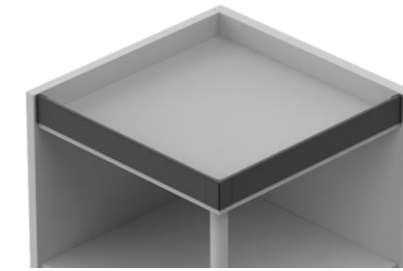
18

Version 5 | It's all in Hettich

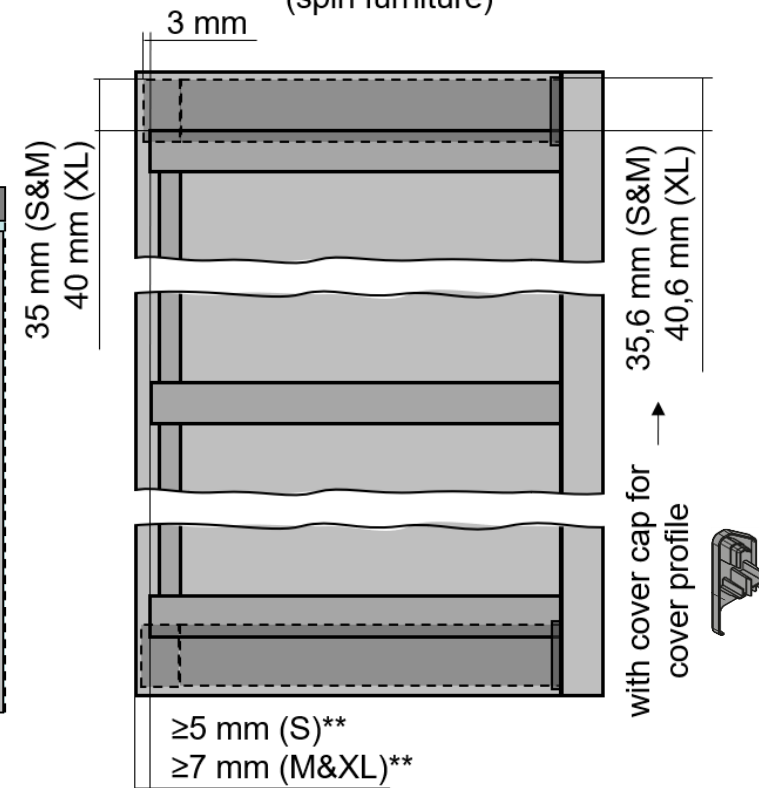
right shown, left mirrored



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381 mm (S); 448 mm (M); 574 mm (XL)

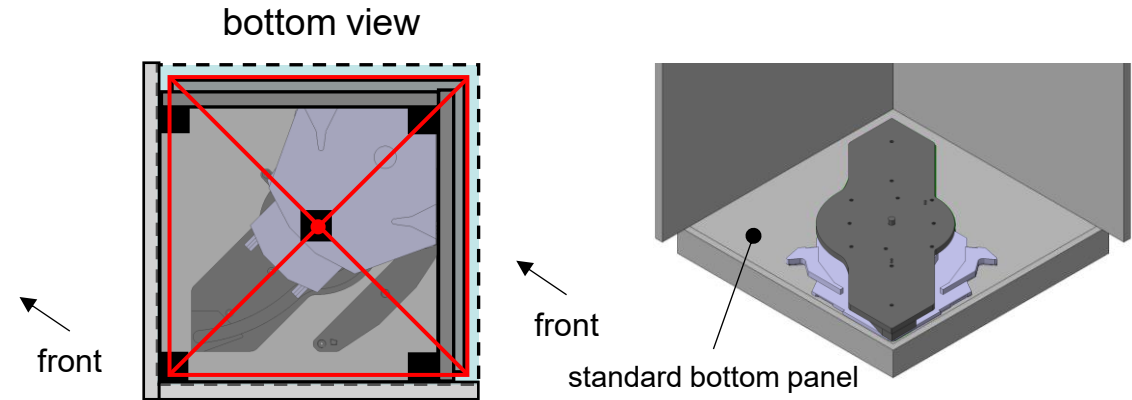
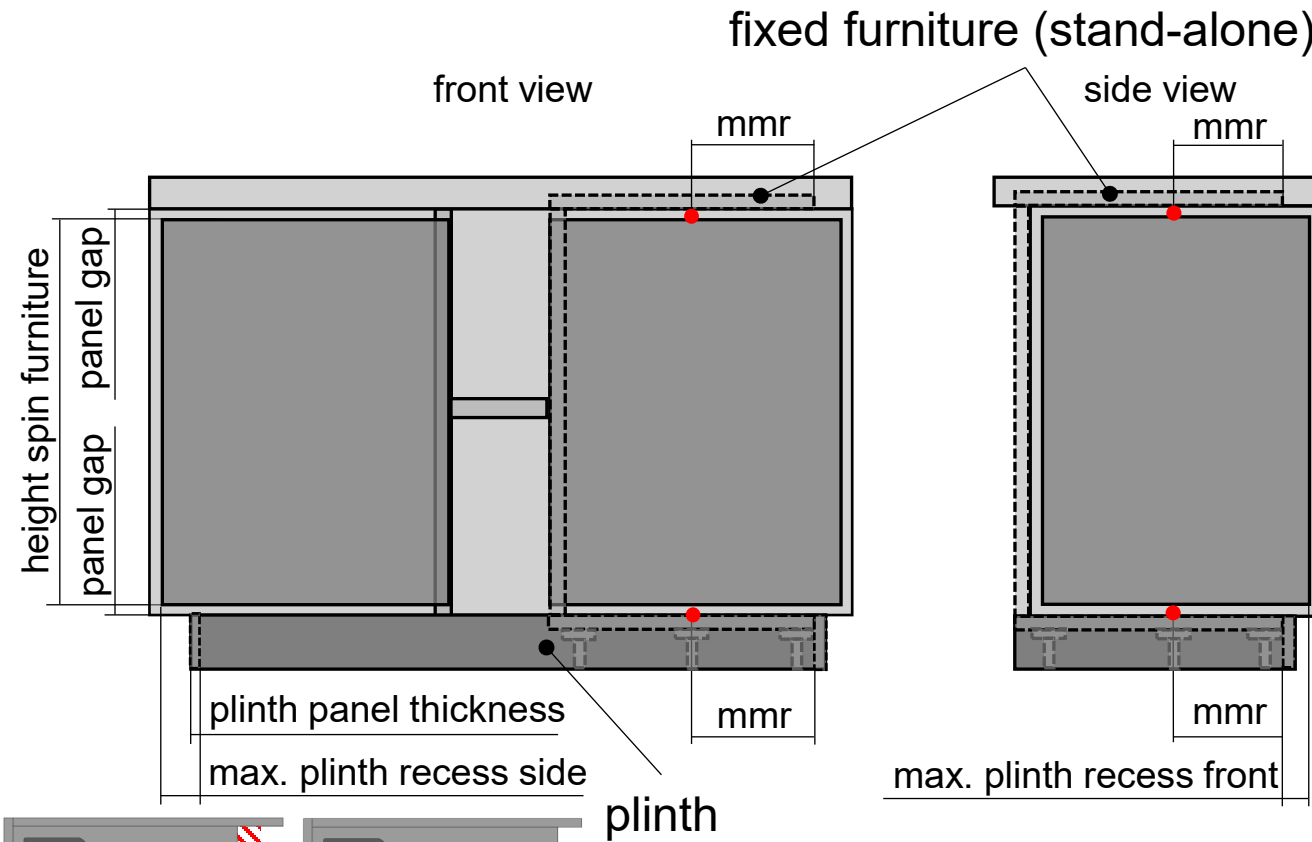


side view
(spin furniture)



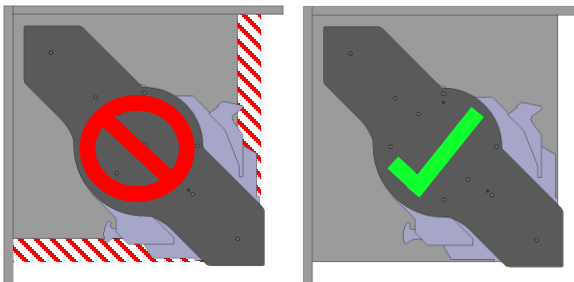
** has to be reduced to 5 mm if bounding box width or depth is smaller than:
381 mm (S); 448 mm (M); 574 mm (XL)

BOTTOM & TOP PANEL RECESS („INVISIBLE“ BOTTOM & TOP PANEL)



max. plinth recess front/side			
FurnSpin size	S	M	XL
smallest spin furniture S 377x377; M 440x440; XL 564x564	29 mm	29 mm	29 mm
biggest spin furniture S 450x450; M 515x515; XL 664x664	65,5 mm	66,5 mm	79 mm
mmr	135 mm	170,5 mm	207 mm

mmr – minimum distance midpoint to recess



bottom support for
FurnSpin fitting necessary



space width/depth



bounding box

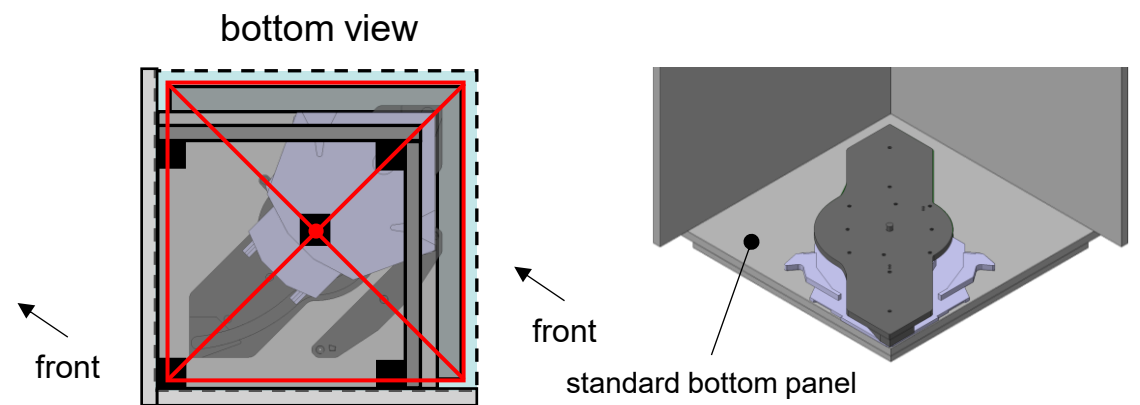
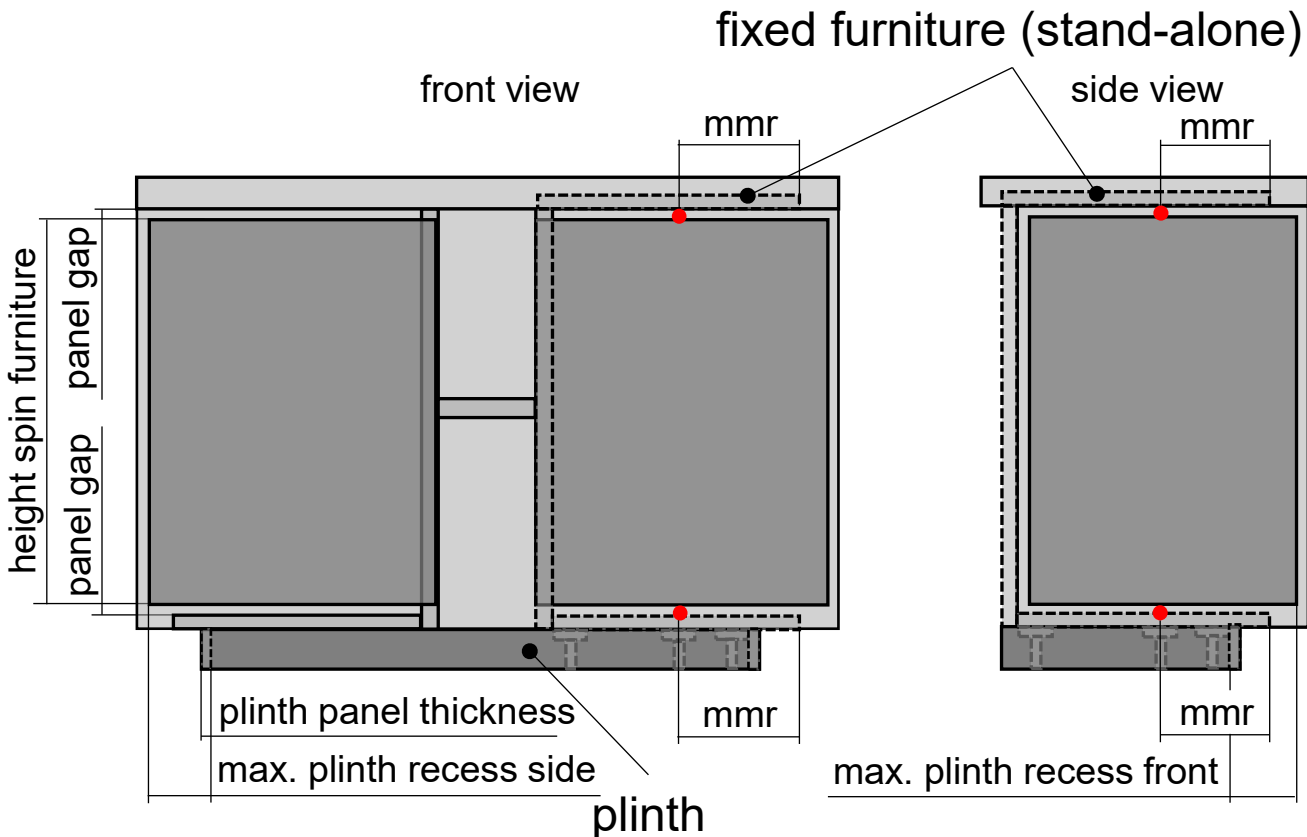


midpoint



foot

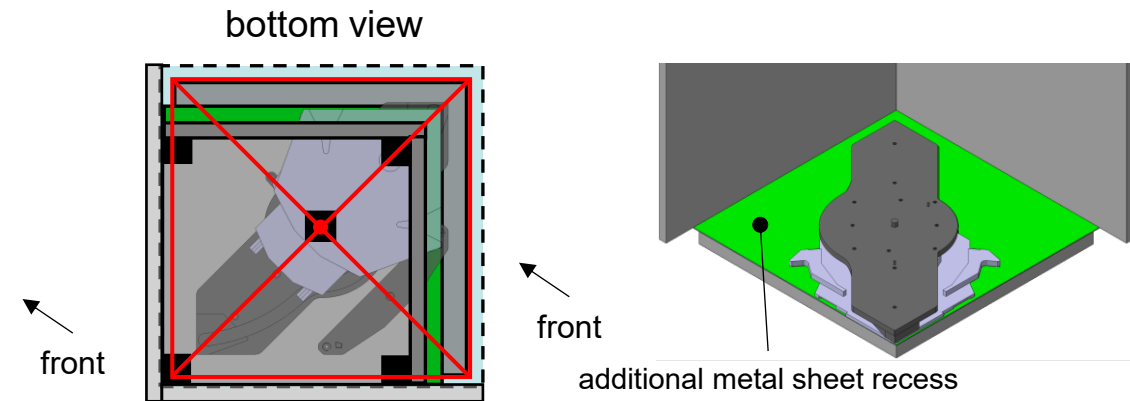
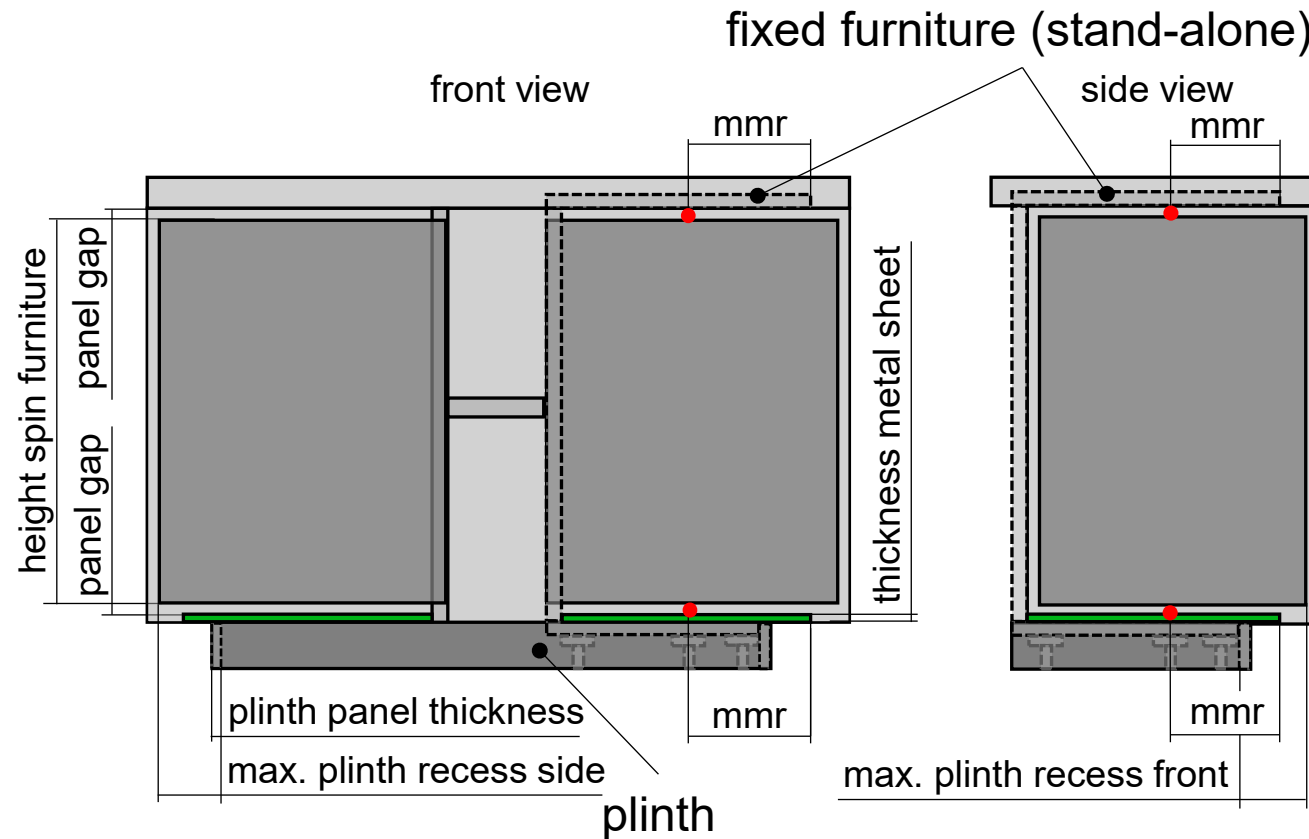
BOTTOM & TOP PANEL RECESS („INVISIBLE“ BOTTOM & TOP PANEL)



max. plinth recess front/side			
FurnSpin size	S	M	XL
smallest spin furniture S 377x377; M 440x440; XL 564x564	53,5 mm	49,5 mm	75 mm
biggest spin furniture S 450x450; M 515x515; XL 664x664	90 mm	87 mm	125 mm
mmr	135 mm	170,5 mm	207 mm

mmr – minimum distance midpoint to recess

BOTTOM & TOP PANEL RECESS („INVISIBLE“ BOTTOM & TOP PANEL)



max. plinth recess front/side			
FurnSpin size	S	M	XL
smallest spin furniture S 377x377; M 440x440; XL 564x564	53,5 mm	49,5 mm	75 mm
biggest spin furniture S 450x450; M 515x515; XL 664x664	90 mm	87 mm	125 mm
mmr	135 mm	170,5 mm	207 mm

mmr – minimum distance midpoint to recess

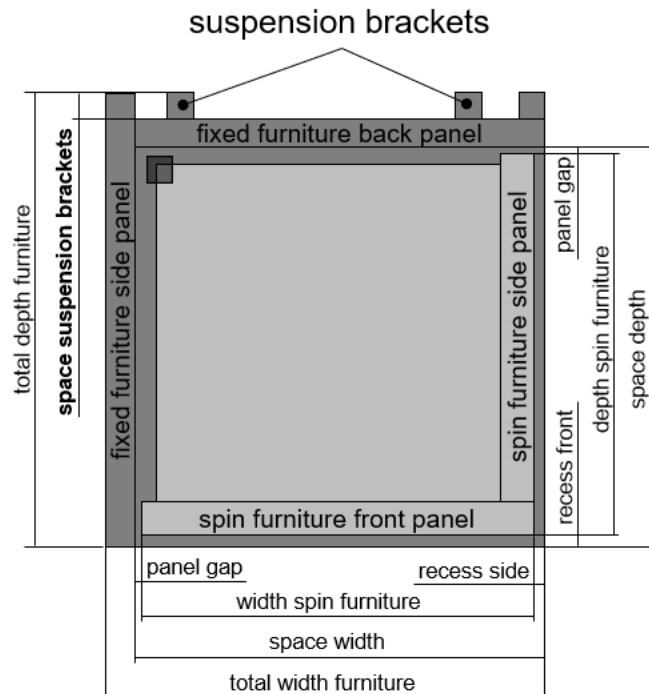
thickness metal sheet recess ≥ 2 mm

The drawing of the metal sheet recess can be provided by your Hettich contact person upon request, but it is not a saleable item

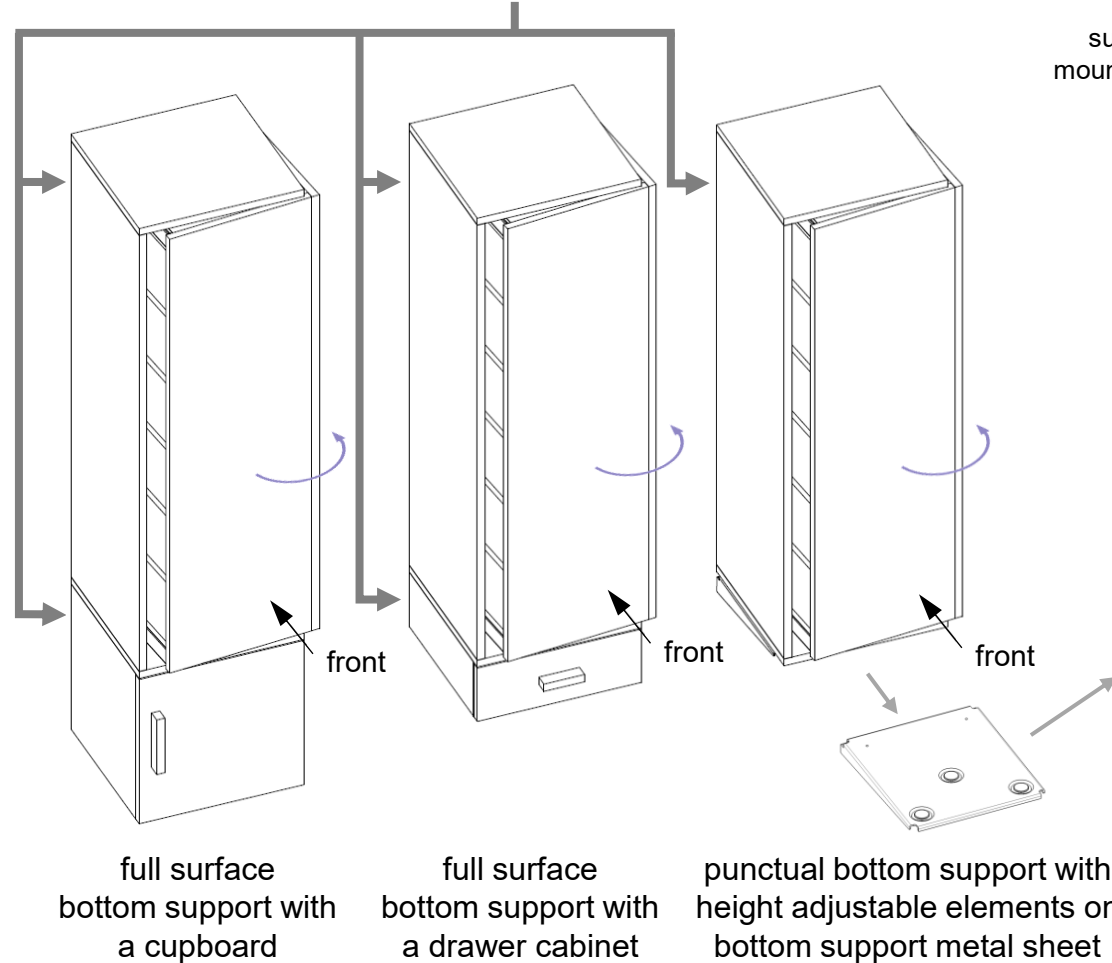


WALL HANGING FURNITURE

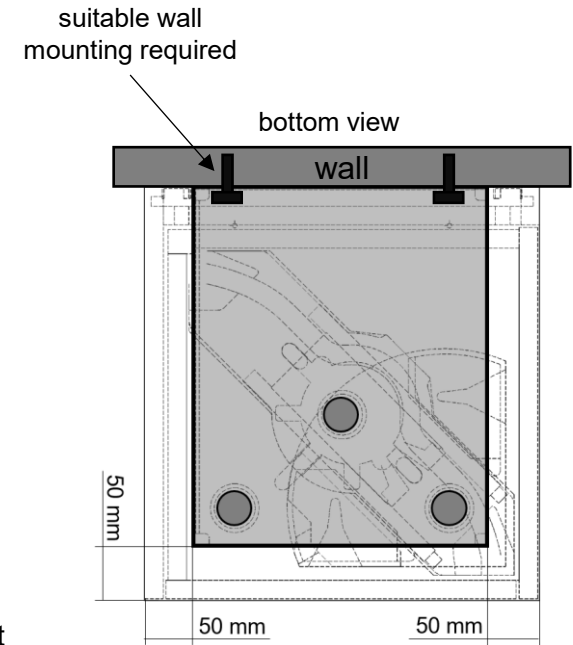
- additional fixed furniture bottom support necessary



suitable suspension brackets
e.g. SAH216 / SAH215



bottom support metal sheet



The drawing of the bottom support metal sheet can be provided by your Hettich contact person upon request, but it is not a saleable item

right furniture shown, left mirrored

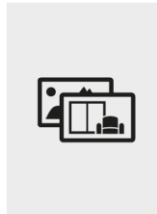
FURNSPIN ADDITIONAL INFORMATION

- Hettich Technical Assistant FurnSpin
 - mounting & adjustment instructions
 - system drawings
 - FS Cadro



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- Hettich FurnSpin configurator
 - planning
 - feasibility check
 - drawing with drilling pattern



hettich.com/short/g8i4p73

- Hettich FurnSpin catalogue
 - order numbers
 - general information

https://catalog.hettich.com/Further_Products/FurnSpin_2025/en_DE/

