



BED MECHANISMS

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MULTIFUNCTIONAL BEDS | FOLDAWAY BEDS | SOFA BEDS



MECHANISMS FOR FOLDAWAY AND MULTIFUNCTIONAL BEDS

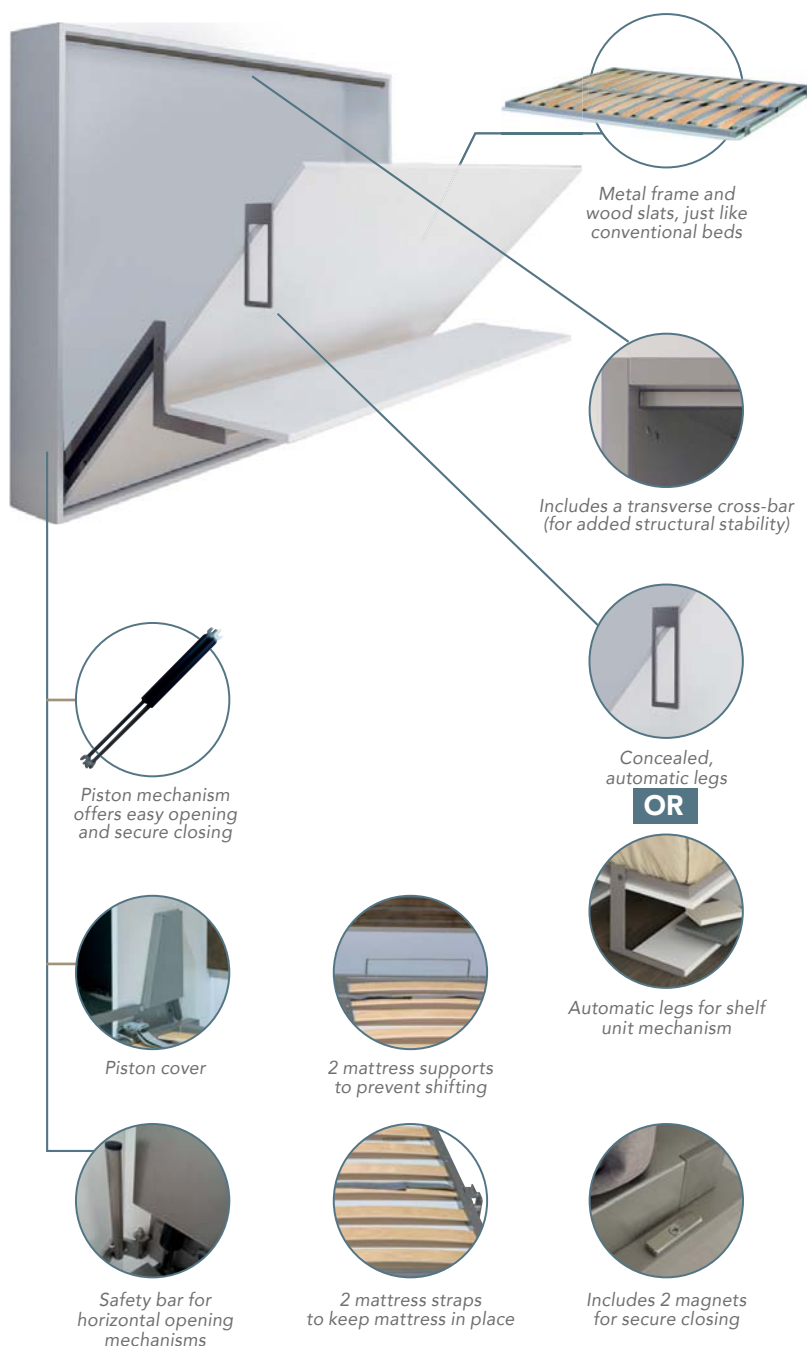
"Smart Living" calls for innovative furniture that makes rooms both comfortable and versatile. **Designer Closets & Cabinets** offers a wide range of ingenious bed mechanisms for opening up space and adding functionality. Our smart solutions for residential and commercial use maximize every square foot of space for a wide variety of rooms, including apartments, hotels and school dormitories.

Simple sliding and gliding mechanisms transform a sofa, a desk or a cabinet into a real bed for a good night's sleep. Highly functional, easy-to-use features create multipurpose living spaces that offer total comfort both day and night.

COMFORT • QUALITY • SAFETY • FUNCTIONALITY

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Advantages

- Ingenious design – one room becomes many; a work living space by day and a sleeping area by night
- Fits standard North American mattress dimensions (L x W) (mattress thickness varies from 7 to 11 13/16")
- Piston mechanism offers easy opening and secure closing
- Maximum static load rating up to 1322 lb (600 kg)
- Legs self-deploy automatically upon opening and are concealed when closed
- For residential and commercial use
- Limited lifetime warranty on all parts
- Designed and manufactured in Italy

How to build the cabinet

- The minimum required interior depth is based on a standard mattress thickness of 7" (180 mm). For a thicker mattress (Max. depth of 11 13/16" (297 mm)), adjust the depth of the unit.

For example, a mattress 10" thick (254 mm) requires a minimum depth of 14" (355 mm).

- Front and side panels minimum thickness 3/4" (19 mm)
- For more information, please visit our website at www.richelieu.com

Mattress size

Single bed	39" x 75" (990 x 1905 mm)
Double bed	54" x 75" (1371 x 1905 mm)
Queen bed	60" x 80" (1524 x 2032 mm)

How to choose the right piston

Step 1

Use this simple calculation:

Weight of the door + Weight of your mattress = Total weight.

Step 2

Choose the piston with the next highest weight capacity.

STELLA- FOLDAWAY BED/DESK MECHANISM WITH CONCEALED AUTOMATIC LEGS

Description

The foldaway Stella bed mechanism with concealed, auto-deploying legs creates an attractive open space with two functions. In the closed position, Stella offers a work desk for daytime use, while at night, it transforms into a comfortable bed for a restful sleep.

Advantages

- The legs and desk component are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

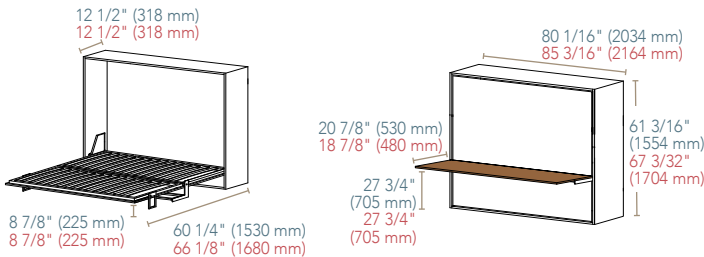
Horizontal opening



To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8429020		8429140		84800H70	154 lb (70 kg)
Queen bed	8429030		8429130		841000H85	187 lb (85 kg)
					841300H100	220 lb (100 kg)

The dimensions shown in the drawings are the overall dimensions.



IMPORTANT

- Maximum load for the desk component: 22 lb (10 kg)
- Anti tip lock included
- Dimensions of the desk panel:
Double bed: 77 9/16" x 20 7/8" x 3/4" to 1" (1970 x 530 x 19 to 25 mm)
Queen bed: 83 1/2" x 18 7/8" x 3/4" to 1" (2120 x 480 x 19 to 25 mm)

STELLA- FOLDAWAY BED/DESK MECHANISM WITH SHELF

Description

The foldaway Stella bed/desk mechanism with shelf creates an attractive open space with two functions. In the closed position, Stella offers both a work desk for daytime use and shelf, while at night, it transforms into a comfortable bed for a restful sleep.

Advantages

- The shelf and desk component are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish



To order

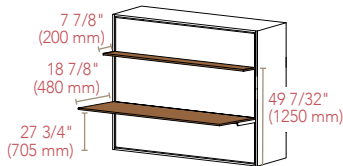
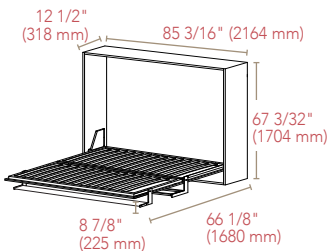
Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Queen bed	8429030		8429151		84800H70	154 lb (70 kg)
					841000H85	187 lb (85 kg)
					841300H100	220 lb (100 kg)

IMPORTANT

- Maximum load for the desk component: 22 lb (10 kg)
- Maximum load for the shelf component: 11 lb (5 kg)
- Dimensions of the shelf panel: 82 13/16" x 7 7/8" x 3/4" (2104 x 200 x 19 mm)

- Anti tip lock included
- Dimensions of the desk panel:
Queen bed: 83 1/2" x 18 7/8" x 3/4" to 1"
(2120 x 480 x 19 to 25 mm)

The dimensions shown in the drawings are the overall dimensions.



STELLA- FOLDAWAY BED/DESK MECHANISM WITH CONCEALED AUTOMATIC LEGS

Description

The foldaway Stella bed mechanism with concealed, auto-deploying legs creates an attractive open space with two functions. In the closed position, Stella offers a work desk for daytime use, while at night, it transforms into a comfortable bed for a restful sleep.

Advantages

- The legs and desk component are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



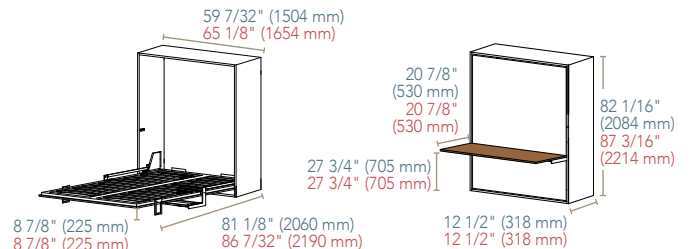
To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8427000		8427141		841300V55	121 lb (55 kg)
Queen bed	8427010		8427131		841600V75	154 lb (70 kg)
					841800V85	187 lb (85 kg)
					841900V10	220 lb (100 kg)

IMPORTANT

- Maximum load for the desk component: 22 lb (10 kg)
- Anti tip lock included

The dimensions shown in the drawings are the overall dimensions.



- Dimensions of the desk panel:
 Double bed: 57 31/64" x 20 7/8" x 3/4" to 1" (1460 x 530 x 19 to 25 mm)
 Queen bed: 63 25/64" x 20 7/8" x 3/4" to 1" (1610 x 530 x 19 to 25 mm)

STELLA- FOLDAWAY BED/DESK MECHANISM WITH SHELF

Description

The foldaway Stella bed/desk mechanism with shelf creates an attractive open space with two functions. In the closed position, Stella offers both a work desk for daytime use and shelf, while at night, it transforms into a comfortable bed for a restful sleep.

Advantages

- The shelf and desk component are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



To order

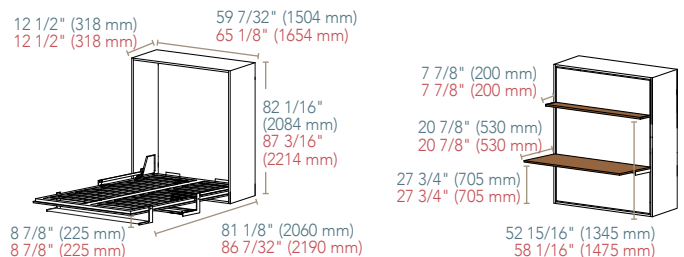
Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8427000		8427162		841300V55	121 lb (55 kg)
Queen bed	8427010		8427152		841600V75	154 lb (70 kg)
					841800V85	187 lb (85 kg)
					841900V10	220 lb (100 kg)

IMPORTANT

- Maximum load for the desk component: 22 lb (10 kg)
- Maximum load for the shelf component: 11 lb (5 kg)
- Dimensions of the shelf panel:
Double bed: 56 27/32" x 7 7/8" x 3/4" (1444 x 200 x 19 mm)
Queen bed: 62 3/4" x 7 7/8" x 3/4" (1594 x 200 x 19 mm)

- Anti tip lock included
- Dimensions of the desk panel:
Double bed: 57 31/64" x 20 7/8" x 3/4" to 1" (1460 x 530 x 19 to 25 mm)
Queen bed: 63 25/64" x 20 7/8" x 3/4" to 1" (1610 x 530 x 19 to 25 mm)

The dimensions shown in the drawings are the overall dimensions.



CIELO- FOLDAWAY BED MECHANISM WITH CONCEALED AUTOMATIC LEGS

Description

The foldaway Cielo bed mechanism is perfect for maximizing space. This multifunctional unit adds space by making the most of any useable area. By day, the room transforms into an open area while by night, the unit reveals a comfortable bed.

Advantages

- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

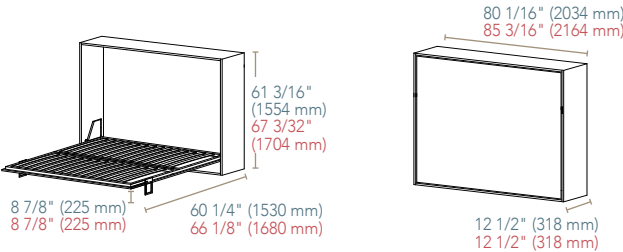
Horizontal
opening



To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8424000		8424140		84800H70	154 lb (70 kg)
Queen bed	8424010		8424130		841000H85	187 lb (85 kg)
					841300H100	220 lb (100 kg)

The dimensions shown in the drawings are the overall dimensions.



CIELO- FOLDAWAY BED MECHANISM WITH CONCEALED AUTOMATIC SHELF

Description

Advantages

The foldaway Cielo bed mechanism is perfect for maximizing space. This multifunctional unit adds space by making the most of any useable area. By day, the room transforms into an open area including a shelf while by night, the unit folds down into a comfortable bed.

- Includes single shelf for added functionality
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish



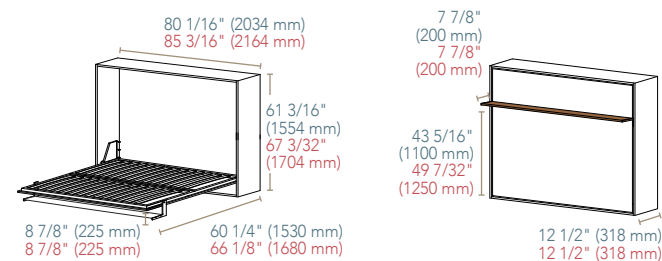
To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8424000		8424161		84800H70	154 lb (70 kg)
Queen bed	8424010		8424151		841000H85	187 lb (85 kg)
					841300H100	220 lb (100 kg)

IMPORTANT

- Maximum load for the shelf component: 11 lb (5 kg)
- Dimensions of the shelf panel:
Double bed: 77 23/32" x 7 7/8" x 3/4" (1974 x 200 x 19 mm)
Queen bed: 82 13/16" x 7 7/8" x 3/4" (2104 x 200 x 19 mm)

The dimensions shown in the drawings are the overall dimensions.



CIELO- FOLDAWAY BED MECHANISM WITH CONCEALED AUTOMATIC LEGS

Description

The foldaway Cielo bed mechanism is perfect for tight spaces. This multifunctional unit adds space by making the most of any useable area. By day, the room transforms into an open area while by night, the unit folds down into a comfortable bed.

Advantages

- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

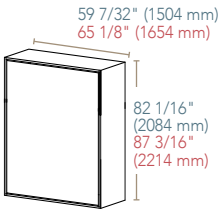
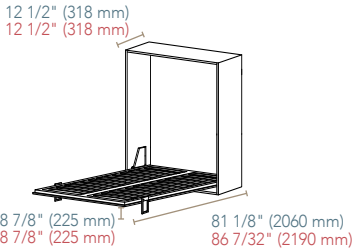
Vertical
opening



To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8425000		8425140		841300V55	121 lb (55 kg)
Queen bed	8425010		8425130		841600V75	154 lb (70 kg)
					841800V85	187 lb (85 kg)
					841900V10	220 lb (100 kg)

The dimensions shown in the drawings are the overall dimensions.



CIELO- FOLDAWAY BED MECHANISM WITH SHELF

Description

The foldaway Cielo bed mechanism is perfect for maximizing space. This multifunctional unit adds space by making the most of any useable area. By day, the room transforms into an open area including a shelf while by night, the unit folds down into a comfortable bed.

Advantages

- Safe, stable shelving for books, picture frames, knick-knacks and other items
- Includes single shelf for added functionality
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



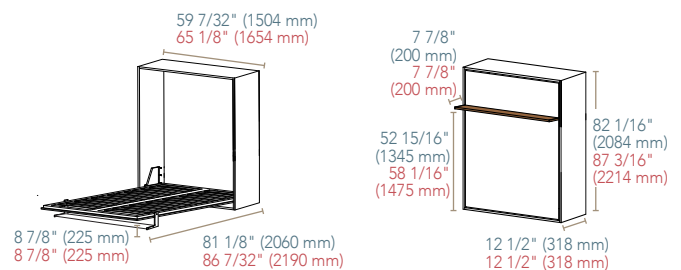
To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8425000		8425160		841300V55	121 lb (55 kg)
Queen bed	8425010		8425190		841600V75	154 lb (70 kg)
					841800V85	187 lb (85 kg)
					841900V10	220 lb (100 kg)

IMPORTANT

- Maximum load for the shelf component: 11 lb (5 kg)
- Dimensions of the shelf panel:
Double bed: 56 27/32" x 7 7/8" x 3/4" (1444 x 200 x 19 mm)
Queen bed: 62 3/4" x 7 7/8" x 3/4" (1594 x 200 x 19 mm)

The dimensions shown in the drawings are the overall dimensions.



LUNA- FOLDAWAY BED MECHANISM WITH 2 SHELVES

Description

In the closed position, the foldaway Luna bed mechanism turns into a two-shelf wall unit that offers both added functionality and an open living space while by night, the unit folds down into a comfortable bed.

Advantages

- The shelves are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



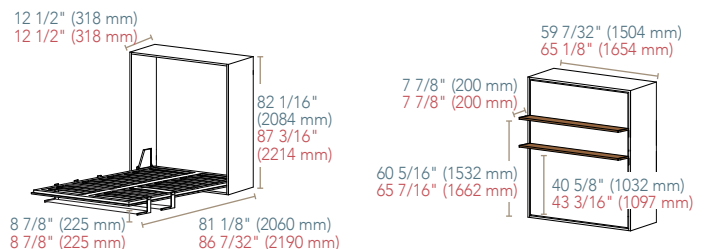
To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8428000		8428022		841300V55	121 lb (55 kg)
Queen bed	8428010		8428032		841600V75	154 lb (70 kg)
					841800V85	187 lb (85 kg)
					841900V10	220 lb (100 kg)

IMPORTANT

- Maximum load for the shelf component: 11 lb (5 kg)
- Dimensions of the shelf panel:
Double bed: 56 27/32" x 7 7/8" x 3/4" (1444 x 200 x 19 mm)
Queen bed: 62 3/4" x 7 7/8" x 3/4" (1594 x 200 x 19 mm)

The dimensions shown in the drawings are the overall dimensions.



LUNA- FOLDAWAY BED MECHANISM WITH 3 SHELVES

Description

In the closed position, the foldaway Luna bed mechanism turns into a three-shelf wall unit that offers both added functionality and an open living space, while by night, the unit folds down into a comfortable bed.

Advantages

- Safe, stable shelving for books, picture frames, knick-knacks and other items
- The shelves are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



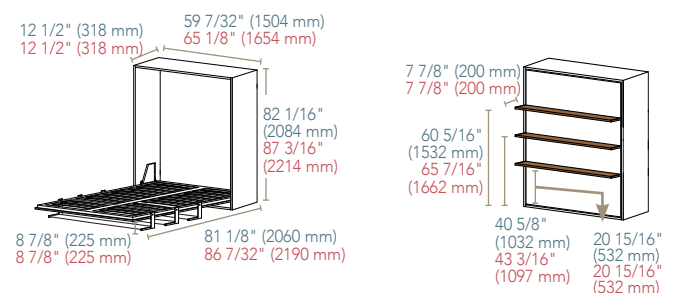
To order

Bed size	Bed frame	+	Mechanism	+	Piston	Dynamic load rating
Double bed	8428000	+	8428043	+	841300V55	121 lb (55 kg)
Queen bed	8428010	+	8428053	+	841600V75	154 lb (70 kg)
					841800V85	187 lb (85 kg)
					841900V10	220 lb (100 kg)

IMPORTANT

- Maximum load for the shelf component: 11 lb (5 kg)
- Dimensions of the shelf panel:
Double bed: 56 27/32" x 7 7/8" x 3/4" (1444 x 200 x 19 mm)
Queen bed: 62 3/4" x 7 7/8" x 3/4" (1594 x 200 x 19 mm)

The dimensions shown in the drawings are the overall dimensions.



CIELO- SOFA BED MECHANISM

WITH CONCEALED AUTOMATIC LEGS

Description

The foldaway Cielo sofa bed mechanism is a multitasker: by day a comfortable sofa and by night, a cozy bed. It is equipped with a SINGLE-MOVEMENT open-and-close feature, the only one of its kind on the market!

Advantages

- The legs and the sofa back are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



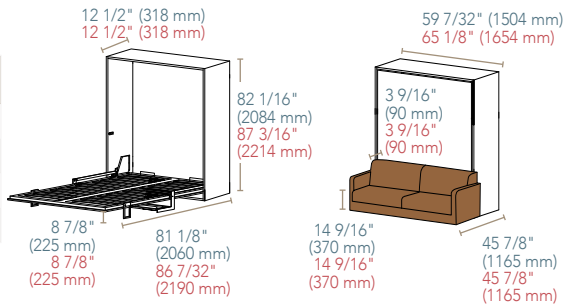
The dimensions shown in the drawings are the overall dimensions.

To order

Bed size	Bed frame	+	Sofa mechanism	+	Leg mechanism	+	Piston	Dynamic load rating
Double bed	8425000		8425180		8425140		841300V55	121 lb (55 kg)
Queen bed	8425010		8425170		8425130		841600V75	154 lb (70 kg)
							841800V85	187 lb (85 kg)
							841900V10	220 lb (100 kg)

IMPORTANT

- Sofa padding not included



CIELO- SOFA BED MECHANISM WITH SHELF

Description

The foldaway Cielo sofa bed mechanism is a multitasker: by day a comfortable sofa and a shelf unit wall. By night, it folds down into a cozy bed. It is equipped with a SINGLE-MOVEMENT open-and-close feature, the only one of its kind on the market!

Advantages

- The shelf and the sofa back are synchronized to move with the bed itself
- Single-movement opening and closing
- Static load rating: 1322 lb (600 kg)
- Matte nickel finish

Vertical opening



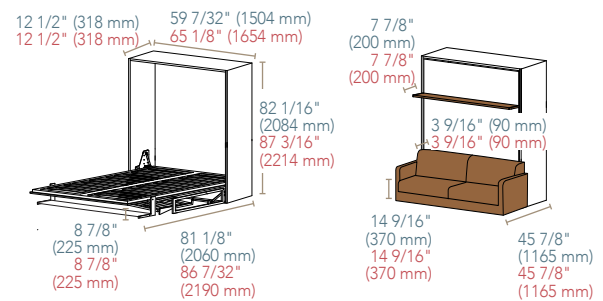
The dimensions shown in the drawings are the overall dimensions.

To order

Bed size	Bed frame	+	Sofa mechanism	+	Shelf mechanism	+	Piston	Dynamic load rating
Double bed	8425000		8425180		8425160		841300V55	121 lb (55 kg)
Queen bed	8425010		8425170		8425190		841600V75	154 lb (70 kg)
							841800V85	187 lb (85 kg)
							841900V10	220 lb (100 kg)

IMPORTANT

- Maximum load for the shelf component: 11 lb (5 kg)
- Sofa padding not included
- Dimensions of the shelf panel:
Double bed: 56 27/32" x 7 7/8" x 3/4" (1444 x 200 x 19 mm)
Queen bed: 62 3/4" x 7 7/8" x 3/4" (1594 x 200 x 19 mm)



TANDEM- BED/DESK MECHANISM WITH CONCEALED AUTOMATIC LEGS

Description

Tandem is a foldaway single bed mechanism that turns into a sleek space-saving desk that gives you more room. A perfect solution for teenagers and young adults. Also ideal for use in university dormitories, school residence halls, fire stations and more!

Advantages

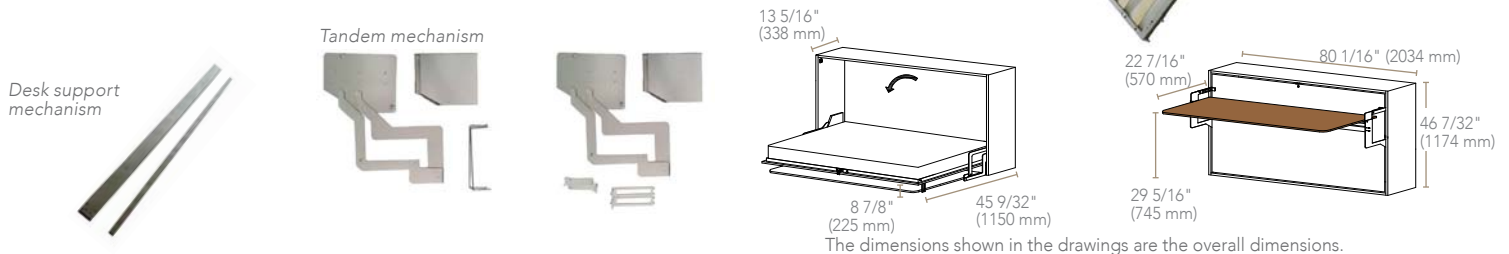
- The mechanism opens and closes easily, and locks when in closed position.
- Static load rating: 1322 lb (600 kg)
- Single-movement opening and closing
- Matte nickel finish

Single bed with horizontal opening



To order

Bed size	Bed frame	+	Right mechanism	+	Left mechanism	+	Desk support mechanism	Tandem bed frame
Single bed	XULT39FBSD1		XULT39FBSD3		XULT39FBSD4		XULT39FBSD2	



IMPORTANT

- Mattress weight required: 44 to 55 lb (20 to 25 kg)
- Mattress thickness required: 7" (180 mm)
- Unit door weight required: 44-55 lb (20-25 kg)
- Maximum load for the desk component: 33 lb (15 kg)

SLIDING MECHANISM FOR BEDS AND DESKS

Description

Here's an ingenious solution for storing furniture and opening up more space with minimum effort. This sliding mechanism lets you quickly move several pieces of furniture one under the other to create more open space!

Advantages

- An ideal solution for rooms that are used both for daytime activities and sleeping
- Store several pieces of furniture in the space normally occupied by just one
- Easier and faster way to move beds and desks along the wall
- Stoppers allow you to move the furniture safely

**Clear
space
instantly**



To order

**Aluminum
wall rail**
841050673



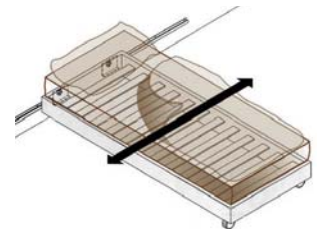
Sliding mechanism
841000100

Aluminum wall rail
Length: 118 1/8" (3 000 mm)
Width: 13/16" (21 mm)
Height: 1 9/16" (40 mm)



Includes:

- 1 right support plate with brake
- 1 left support plate
- 2 stoppers
- 2 end caps
- 2 screws



Better rails

- Can be easily cut to measure
- Combine with other rails to increase length
- Quality materials for fluid sliding movement
- Supports up to two pieces of furniture (1 bed + 1 desk, 2 beds or 2 desks)

IMPORTANT

- One furniture unit per sliding mechanism
- Multiple configurations through use of different rails and mechanisms
- Up to 2 sliding mechanisms can be installed per rail
- Requires panel caster (See page 26)

PISTON LIFT MECHANISM AND BED FRAME

Description

Designer Closets & Cabinets offers a wide range of convenient mechanisms for creating under-bed storage that is easy and safe to access.

Advantages

- Creates an extra storage area
- Easy to install
- Simple to open and close
- Extends the life of your mattress
- Static load rating: 772 lb (350 kg)

**Effortless
easy
access**



To order

Bed size	Metal bed frame with wood slats 1	Metal bed frame with plywood sheet 2
Single bed	XULT39	-
Double bed	XULT54	XULT54P
Queen bed	XULT60	XULT60P
California King bed	-	XULT72P
King bed	XULT80	XULT80P



Piston	Maximum dynamic load rating
XKANG39	88 lb (40 kg)
XKANG54S	110 lb (50 kg)
XKANG60S	198 lb (90 kg)
XKANG80S	242 lb (110 kg)
XKANG140	308 lb (140 kg)

Optionnal

Complementary products	Description	Dimensions : Width x Length
481754130	Corner bracket	7 1/16" x 9 1/16" (180 x 230 mm)
48102590	U bracket for King size bed frames	2 1/2" x 1 1/4" (65 x 32 mm)
8400190	Fiber handle	1 1/2" x 15 1/8" (38 x 385 mm)



Piston



Corner bracket



U bracket for King size bed frames



Fiber handle

IMPORTANT

How to choose the right piston

Step 1 = Weight of the door + Weight of your mattress = Total weight.

Step 2 = Choose the piston with the next highest weight capacity. Pl

DOUBLE PISTON LIFT MECHANISM AND SUPERIOR QUALITY BED FRAME

Description

This innovative system utilizes an ingenious mechanism with double pistons for creating under-bed storage that is easy and safe to access.

Advantages

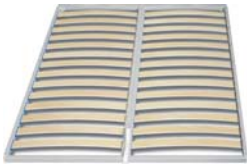
- Stabilizing bar provides optimal stability
- Mattress support prevents tipping
- Automatic locking system
- Maximal static load rating for bed frames: 992 lb (450 kg)



To order

Bed size	Metal bed frame with wood slats	+	Mechanism	Maximum dynamic load rating
Single bed	XULT39BMU	→	XULT39LM	88 lb (40 kg)
Double bed	XULT54BMU	→	XULT54LM	110 lb (50 kg)
Queen bed	XULT60BMU	→	XULT60LM	143 lb (65 kg)
King bed	XULT80BMU	→	XULT80LM	165 lb (75 kg)

Complementary products	Description	Dimensions: Width x Length
C240BMU	Set of 4 corners	9 7/16" x 4" (240 x 100mm)



Metal bed frame with wood slats



Double piston lift mechanism



Corners

VERTICAL WALL BED MECHANISM WITH PISTONS AND MANUAL LEGS

Description

The ideal solution for concealing a seldom-used extra bed with safe, convenient operation. Manually deployed legs with stabilizing bar,

Advantages

- Mattress support prevents tipping
- Static load rating:
from 331 to 661 lb (150 to 300kg)
- Hardware included

Extra bed
solutions



To order

No.	Description	Maximum dynamic load rating	FRAME BED DIMENSIONS		INTERIOR DIMENSIONS REQUIRED	
			Width	Length	Width	Height
XULT39ECVT	Single bed	132 lb (60 kg)	38 1/2" (978 mm)	74 1/2" (1892 mm)	41 3/4" (1060 mm)	76 5/8" (1946 mm)
XULT54ECVT	Double bed	198 lb (90 kg)	53 1/2" (1359 mm)	74 1/2" (1892 mm)	56 3/4" (1441 mm)	76 5/8" (1946 mm)
XULT60ECVT	Queen bed	243 lb (110kg)	59 1/2" (1511 mm)	79 1/2" (2019 mm)	62 3/4" (1593 mm)	81 5/8" (2073 mm)

Includes:

- Bed frame
- Bar-shaped leg
- Pistons
- Mattress holders
- Handle
- Hardware

IMPORTANT

To unlock the pistons:

1. Attach the piston when the bed frame is in a horizontal position
2. Keep the frame in a horizontal position and turn the legs toward the interior of the unit
3. Apply pressure toward the bottom to unlock

- Min. interior depth required: 15 5/32" (385 mm)

VERTICAL WALL BED MECHANISM WITH PISTONS AND AUTOMATIC LEGS

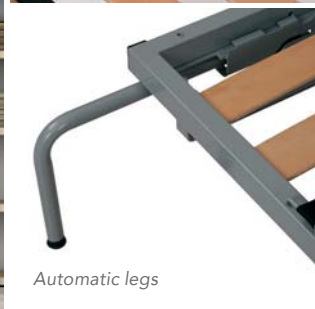
Description

Open your foldaway bed effortlessly every day thanks to this proven mechanism and its clever system of automatic legs.

Advantages

- Locking system engages in the open position
- Mattress straps and supports prevent tipping or movement
- Static load rating: 1322 lb (600 kg)
- Metal bed frame with attachment for unit door

**Effortless
everyday
use**



To order

No.	Description	Maximum dynamic load rating	FRAME BED DIMENSIONS		INTERIOR DIMENSIONS REQUIRED	
			Width	Length	Width	Height
XULT39WBVT	Single bed	154 lb (70 kg)	40 3/16" (1020 mm)	76" (1930 mm)	42 3/4" (1086 mm)	82 1/8" (2085 mm)
XULT54WBVT	Double bed	309 lb (140 kg)	55 1/8" (1400 mm)	76" (1930 mm)	57 3/4" (1466 mm)	82 1/8" (2085 mm)
XULT60WBVT	Queen bed	309 lb (140 kg)	61" (1550 mm)	81" (2060 mm)	63 5/8" (1616 mm)	87 3/16" (2215 mm)

IMPORTANT

- Horizontal model for double and Queen size beds available by special order
- When mounting the unit, use 3/4" (19 mm) front panels and 1" (25 mm) side panels
- Minimum interior depth: 16 1/8" (410 mm)

SINGLE HORIZONTAL WALL BED MECHANISM

Description

Whether you need an extra bed in your own home or for a business, this perfect space-saving solution is a quick way to install a foldaway bed or two bunkbeds that are both comfortable and safe to use. Also ideal for hotels and barracks!

Advantages

- The single bed model can be installed high or low on the wall or as bunkbeds
- Mattress supports prevent any unwanted movement
- Includes a locking mechanism when open for enhanced safety and easier operation
- Static load rating: 1322 lb (600 kg)

1 bed or
2 bunkbeds



HORIZONTAL WALL BED MECHANISM
(upper bunk) **XULT36WBHX**

The unit includes:

- A metallic bed frame with wooden slats
- A spring-based mechanism with an integrated locking system

With a
manual
foldaway
ladder



Requires
a minimum
interior
height of:
85 7/8" (2180 mm)

HORIZONTAL WALL BED MECHANISM (lower bunk)
XULT36WBHZ

The unit includes:

- A metallic bed frame with wooden slats
- A spring-based mechanism with an integrated locking system

With
automatic
legs



To order

No.	Description	Maximum dynamic load rating	FRAME BED DIMENSIONS		INTERIOR DIMENSIONS REQUIRED		
			Width	Length	Width	Height	Minimum depth
XULT36WBHZ	Lower bunk	154 lb (70 kg)	37" (940 mm)	76" (1930 mm)	78 5/8" (1996 mm)	41 11/32" (1050 mm)	15 3/4" (400 mm)
XULT36WBHX	Upper bunk	154 lb (70 kg)	37" (940 mm)	76" (1930 mm)	78 5/8" (1996 mm)	41 11/32" (1050 mm)	15 3/4" (400 mm)

IMPORTANT

- When mounting the unit, use 3/4" (19 mm) front panels and 1" (25 mm) side panels

VERTICAL FOLDAWAY BED MECHANISM

Description

This mechanism gives you an easy, quick way for mounting a bed into a furniture unit.

Advantages

- Bolt on the back of mechanism makes it easy to regulate spring tension
- Spring mechanism lifetime approved for 20,000 opening and closing cycles of the bed.



To order

Bed size	Mechanism	Finish	MAXIMUM LOAD RATING	
			Static	Dynamic
Single bed	108130	White	375 lb (170 kg)	154 lb (70 kg)
	108190	Black		
Double bed	108230	White	661 lb (300 kg)	220 lb (100 kg)
	108290	Black		
Queen bed	108430	White	661 lb (300 kg)	309 lb (140 kg)
	108490	Black		



	Manually deployed legs	Finish	Height
1	40890	Nickel/black	7 7/8" (200 mm)
	41090		9 27/32" (250 mm)
2	4082G	Zinc/white	7 7/8" (200 mm)
	4002G		9 27/32" (250 mm)
	4132G		13 3/8" (340 mm)

Optional

Complementary product	Description
10810812	Reinforced plate for 5/8" (16 mm) & 3/4" (19 mm) side panels

SINGLE BUNKBED-STYLE SOFA BED

Description

Both unique and elegant, this sofa bed's revolutionary patented mechanism creates two separate beds. The upper bunk is equipped with protective rails and an innovative anti-closing system with double security: a release handle and a removable-key lock.

Avantages

- Built-in foldaway ladder
- Ample load-bearing capacity
- Smooth-opening aluminum mechanism
- Fits mattress 4 23/32" (120 mm) thick



To order

No.	Description	BED FRAME DIMENSIONS		MATTRESS DIMENSIONS (W X L X D)	
		Width	Length	Upper bunk	Lower bunk
48750106	Sofa-bed mechanism	39 13/16" (1011 mm)	82 9/32" (2090 mm)	31 1/2" x 74 13/16" x 4 23/32" (800 x 1900 x 120 mm)	29 17/32" x 74" x 4 23/32" (750 x 1880 x 120 mm)

The unit includes:

- Heavy-duty steel structure
- Bed frame with wide beechwood slats 7 7/8" (200 mm) on blue-colored supports with chrome aluminum joints

TRIFOLD MECHANISM FOR SOFA BED WITH WATER RESISTANT FOAM MATTRESS



Advantages

- Two choices of metal bed frame
- Mattress 60 mm thick with 30kg/m³ density (A & B)
- Structure in tubular steel

To order

	No.	MATTRESS DIMENSIONS	
		Width	Length
A	COSMO80	28 3/4" (730 mm)	72" (1830 mm)
	COSMO140	52 3/8" (1330 mm)	72" (1830 mm)
	COSMO150	56 1/4" (1430 mm)	72" (1830 mm)
B	COSMO160	60 1/4" (1530 mm)	72" (1830 mm)



Metal bed frame with wooden slats: A



Metal bed frame with canvas: B

METAL BED FRAMES

Sturdy and ergonomic

This range of bed frames offers custom-sized bed bases



- A** Metal bed frame with a silver finish and Italian slats*
- Designer: Gianfranco Pessotto
 - Engineered in Europe, this metal bed frame offers both superior strength and ergonomic slats for exceptional comfort
 - Static load rating: 992 lb (450 kg)



- B** Metal bed frame with a black finish and standard slats in shaped poplar plywood**
- Static load rating: 772 lb (350 kg)



- C** This folding metal bed frame is similar to B, providing access to the under-bed storage space**
- Static load rating: 772 lb (350 kg)



To order

	No.	Description	Width x Length	Slats
A	XULT39BMU	Single bed	38 25/32" x 74 13/16" (985 x 1900 mm)	1 x 13 = 13 slats
	XULT54BMU	Double bed	53 9/16" x 74 13/16" (1360 x 1900 mm)	2 x 13 = 26 slats
	XULT60BMU	Queen bed	59 7/16" x 79 1/8" (1510 x 2010 mm)	2 x 14 = 28 slats
	XULT80BMU	King bed	77 3/16" x 79 1/8" (1960 x 2010 mm)	2 x 14 = 28 slats
B	XULT39	Single bed	38 1/2" x 74 1/2" (978 x 1892 mm)	1 x 18 = 18 slats
	XULT54	Double bed	53 1/2" x 74 1/2" (1359 x 1892 mm)	2 x 18 = 36 slats
	XULT60	Queen bed	59 1/2" x 79 1/2" (1511 x 2019 mm)	2 x 20 = 40 slats
	XULT6075	Queen bed	60 3/4" x 79 1/2" (1543 x 2019 mm)	2 x 20 = 40 slats
C	XULT80	King bed	(2x) 38 1/2" x 79 1/2" (978 x 2019 mm)	2 x 20 = 40 slats
	XULT60F	Queen bed	59 1/2" x 79 1/2" (1511 x 2019 mm)	2 x 20 = 40 slats
	XULT80FOLD	King bed	77 15/16" x 79 1/2" (1980 x 2019 mm)	3 x 20 = 60 slats
D	XULT81FOLD	King bed	76" x 79 1/2" (1930 x 2019 mm)	2 x 20 = 40 slats
	XULT54P	Double bed	53 1/2" x 74 1/2" (1359 x 1892 mm)	
	XULT60P	Queen bed	59 1/2" x 79 1/2" (1511 x 2019 mm)	
	XULT72P	California King bed	(2 x) 36 1/2" x 83 7/16" (927 x 2119 mm)	
	XULT80P	King bed	(2 x) 38 1/2" x 79 1/2" (978 x 2019 mm)	

IMPORTANT

* Frame dimensions: 1 1/4" x 1 1/2" (30 x 40 mm) / Wood slat dimensions: 2 5/8" x 3/8" (70 x 10 mm)

** Frame dimensions: 1 1/4" x 1 1/4" (30 x 30 mm) / Wood slat dimensions: 2" x 3/8" (50 x 10 mm)

- D** Metal bed frame with plywood slats of 1/2" (12 mm)
- Static load rating: 882 lb (400 kg)



CASTERS FOR UNIT PANELS

Advantages

- Single direction design for use with dressers, small beds and other furniture
- Suitable for all indoor surfaces
- Gray finish
- Ideal for the sliding bed mechanism, see page 17

Subtle styling



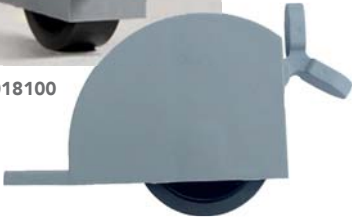
80964022100



80946525100



80954018100



To order

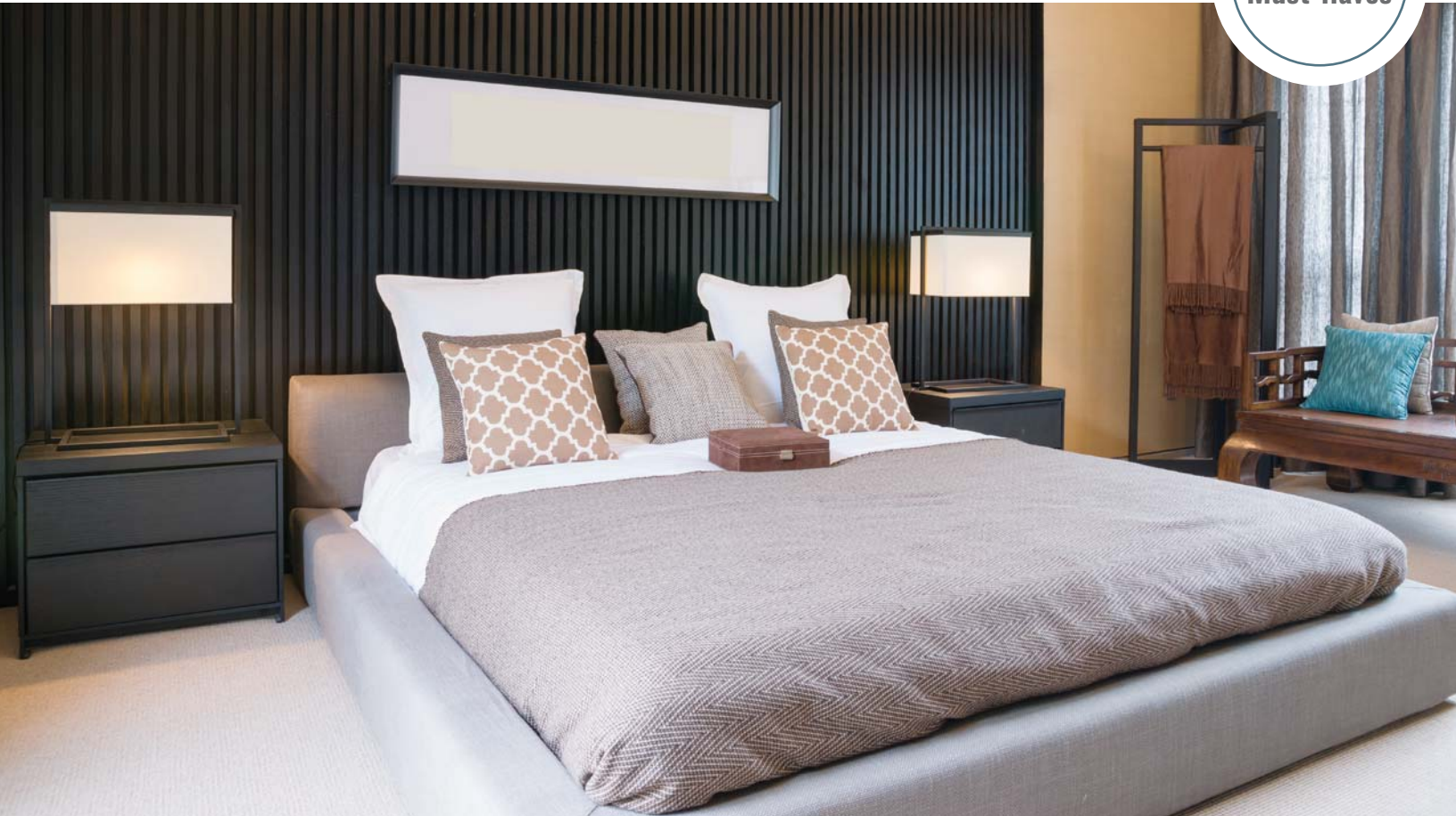
No.	Description	Panel depth	Dynamic load rating / caster
80964022100	Fixed	Min. 7/8" (22 mm)	132 lb (60 kg)
80946525100	With brake	Min. 1" (25 mm)	Max. 154 lb (80 kg)
80954018100	With brake	Min. 3/4" (19 mm)	110 lb (50 kg)
809405010	With brake	Min. 1 3/16" (30 mm)	Max. 154 lb (80 kg)



809405010

BED LEGS & ACCESSORIES

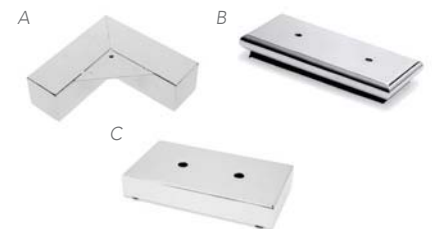
The
Must-Haves



Metal Contemporary Furniture Legs

- Maximum load rating: 220 lb (100 kg)
- Chrome finish

	No.	Height	Leg dimensions	Base dimensions
A	6494150140	2 7/32" (56.3 mm)	5 29/32" x 1 31/32" (150 x 50 mm)	5 29/32" x 1 31/32" (150 mm x 50 mm)
B	6482731810	23/32" (18 mm)	4 15/16" x 2 3/8" (125 mm x 60 mm)	4 15/16" x 2 3/8" (125 mm x 60 mm)
C	6492620140	25/32" (20 mm)	7 3/32" x 3 15/16" (180 mm x 100 mm)	7 3/32" x 3 15/16" (180 mm x 100 mm)
C	6492730140	1 11/32" (33.8 mm)	7 3/32" x 3 15/16" (180 mm x 100 mm)	7 3/32" x 3 15/16" (180 mm x 100 mm)



Adjustable Bed Leg

Central support for slatted base.

No.	Adjustment	Finish / Material
481020090	4 23/32" to 7 3/32" (120 to 180 mm)	Black / Metal
481025090	7 15/32" to 9 27/32" (190 to 250 mm)	



Ratchet Headrest Fitting

- 12 possible positions

No.	Description	Maximum height	Max. static load rating
574302G	For beds, desk lids, and drawing boards.	1 1/4" (285 mm)	220 lb (100 kg)



Corner supports



Connecting Fitting
Male / Female



Bed Connector

Bed Fitting

No.	Description	Dimensions
22332G	Corner mounting supports	11/16" x 5 1/8" (18 x 130 mm)
37600032G	Sturdy connecting Fitting Male / Female	11/16" x 2 1/16" (18 x 52 mm)
22342G	Bed Connector	1 1/2" x 3 1/2" (38 x 89 mm)



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