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Cabentry 763H5330S

Cabentry Blum MOVENTO 763H5330S 21-inch Full Extension Soft-Close Undermount Drawer Slides

Instruction Manual

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the Cabentry Blum MOVENTO 763H5330S 21-inch Full Extension Blumotion Soft-Close Undermount Drawer Slides. These slides are designed for smooth, quiet, and reliable drawer operation in various cabinet applications. Please read all instructions carefully before beginning installation.

2. Safety Information

- Always wear appropriate personal protective equipment, such as safety glasses, during installation.
- Ensure all fasteners are securely tightened to prevent accidental detachment or failure.
- Do not exceed the specified load capacity of 110 lb dynamic / 125 lb static to avoid damage or injury.
- Keep small parts away from children to prevent choking hazards.
- If you are unsure about any step, consult a qualified professional.

3. Package Contents

Verify that all components are present before beginning installation:

- One pair of Blum MOVENTO 763H5330S 21-inch Full Extension Undermount Slides.
- Two Locking Devices (Model: T51.7601L, T51.7601R) with side-to-side adjustment.
- Two Rear Mounting Brackets (Model: 295.3750).
- Screws for installation.

4. Specifications

Feature	Specification
Model Number	763H5330S

Feature	Specification
Slide Length	21 inches
Extension Type	Full Extension
Soft-Close Mechanism	Blumotion Integrated
Load Capacity (Dynamic)	110 lb
Load Capacity (Static)	125 lb
Mounting Type	Undermount
Cabinet Compatibility	Frameless or Blocked-out Face Frame Cabinets
Recommended Drawer Thickness	5/8" (16mm)
Adjustment	Four-dimensional adjustment, elongated holes for depth adjustment
Material	Metal
Product Dimensions	21 x 21 x 0.63 inches
Item Weight	7 pounds

5. Setup and Installation

Proper installation is crucial for optimal performance. Refer to the diagrams and tables below for precise measurements and component placement.

5.1 Basic Components Overview

The system consists of the drawer runners and locking devices.



Figure 1: Basic components of the MOVENTO drawer slide system.

5.2 Drawer and Cabinet Specifications

Accurate measurements are essential for proper fit and function. The maximum drawer side thickness is 16mm (5/8").

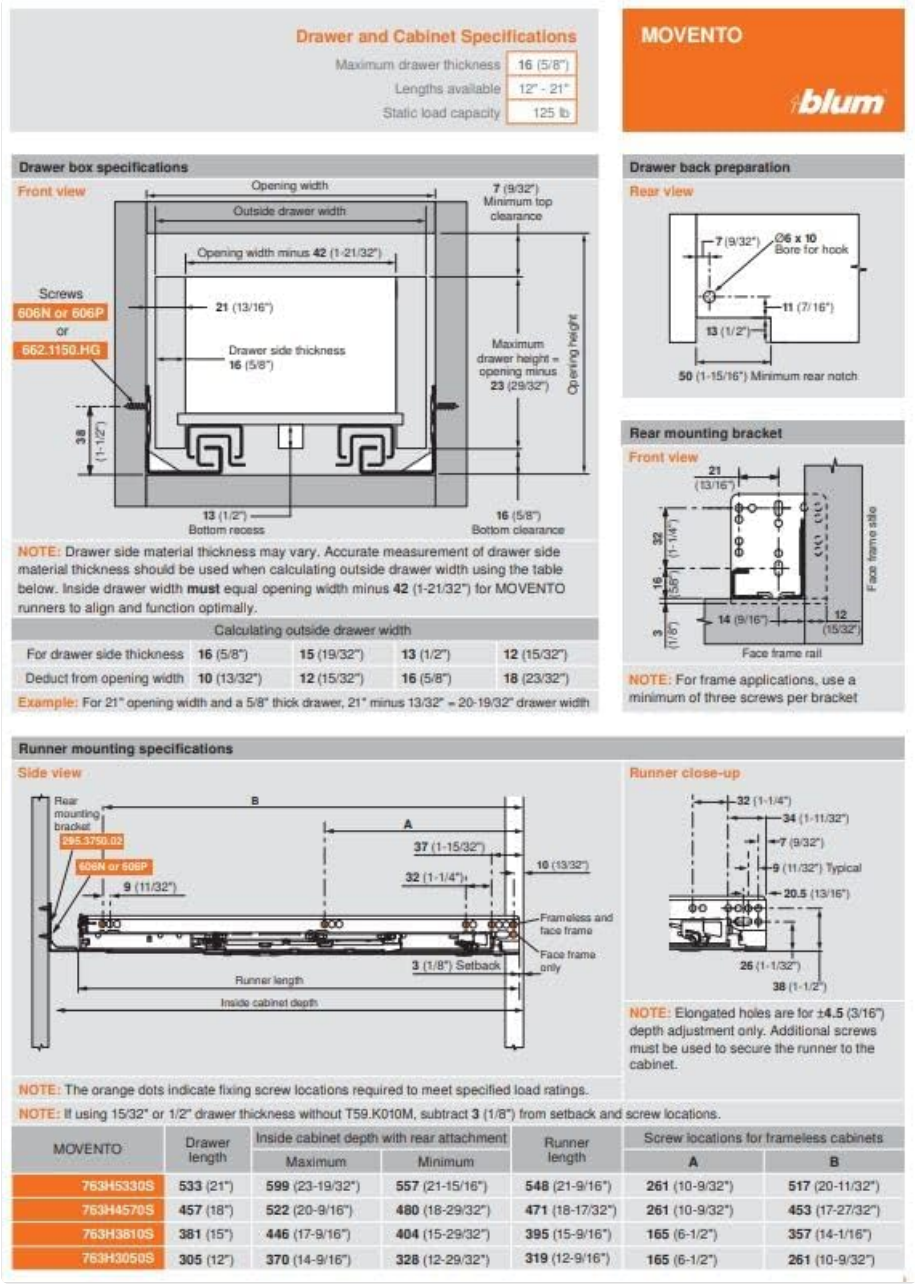


Figure 2: Detailed specifications for drawer and cabinet preparation.

5.2.1 Calculating Outside Drawer Width

The inside drawer width must equal the opening width minus 42mm (1-21/32") for MOVENTO runners to align correctly. Use the table below to determine the deduction from the opening width based on drawer side thickness.

Drawer Side Thickness	Deduct from Opening Width
16mm (5/8")	10mm (13/32")
15mm (19/32")	12mm (15/32")
13mm (1/2")	16mm (5/8")
12mm (15/32")	18mm (23/32")

Example: For a 21" opening width and a 5/8" thick drawer, the drawer width should be 21" - 13/32" = 20-19/32".

5.2.2 Drawer Back Preparation

Prepare the drawer back with a 7mm (9/32") x 10mm bore for the hook, as shown in Figure 2.

5.2.3 Runner Mounting Specifications

Refer to the side view diagram in Figure 2 for runner mounting details. A 3mm (1/8") setback is required. The orange dots in the diagram indicate critical fixing screw locations for specified load ratings. Additional screws may be used to further secure the runner to the cabinet.

MOVENTO Model	Drawer Length	Min. Inside Cabinet Depth (with rear attachment)	Max. Inside Cabinet Depth (with rear attachment)	Runner Length
763H5330S	21"	599mm (23-19/32")	557mm (21-15/16")	548mm (21-9/16")
763H4570S	18"	522mm (20-9/16")	480mm (18-29/32")	471mm (18-17/32")
763H3810S	15"	446mm (17-9/16")	404mm (15-29/32")	395mm (15-17/32")
763H3050S	12"	370mm (14-9/16")	328mm (12-29/32")	319mm (12-9/16")

5.2.4 Screw Locations for Frameless Cabinets

MOVENTO Model	A	B
763H5330S	261 (10-9/32")	517 (20-11/32")
763H4570S	261 (10-9/32")	453 (17-27/32")
763H3810S	165 (6-1/2")	357 (14-1/16")
763H3050S	165 (6-1/2")	261 (10-9/32")

5.3 Runner Set Installation

Mount the runners to the cabinet sides using the appropriate wood screws (606N or 606P) or system screws (662.1150.HG). Ensure the runners are level and parallel.

Overall Cabinet Depth	Drawer Length	MOVENTO Model
610mm (24")	533mm (21")	763H5330S
533mm (21")	457mm (18")	763H4570S
457mm (18")	381mm (15")	763H3810S
381mm (15")	305mm (12")	763H3050S

5.4 Locking Device Installation

Install one right (T51.7601R) and one left (T51.7601L) locking device per drawer. These devices feature side-to-side adjustment of +/-1.5mm (1/16") and self-adjusting drawer length tolerance. Secure with 606N or 606P installation screws. Minimum inside drawer width for locking devices is 170mm (6-11/16").

5.4.1 Locking Device Spacer (Optional)

For drawer fronts with a thickness of 12mm (15/32") or 13mm (1/2"), use the T59.K010M locking device spacer with 606N screws. If using 15/32" or 1/2" drawer thickness without the T59.K010M spacer, subtract 3mm (1/8") from the setback and screw locations.

5.5 Rear Mounting Bracket Installation (for Face Frame Cabinets)

For face frame cabinets, install two rear mounting brackets (295.3750.02) per drawer. These zinc-coated steel brackets provide depth and lateral self-alignment. Secure with 606N or 606P installation screws. A minimum of three screws per bracket is recommended for frame applications. These brackets are not required for frameless cabinet installations and are not compatible with TIP-ON BLUMOTION.

5.6 Optional TIP-ON BLUMOTION

The MOVENTO system is compatible with TIP-ON BLUMOTION, which allows drawers to be opened with a light touch on the drawer front while retaining the BLUMOTION soft-closing function. This feature supports full extension applications and can be used with or without drawer pulls. A minimum opening width of 281mm (11-1/16") is required for TIP-ON BLUMOTION functionality.

6. Operation

Once installed, the MOVENTO 763H5330S slides provide full extension, allowing complete access to the drawer contents. The integrated Blumotion soft-close mechanism ensures that the drawer closes gently and silently with a light push, preventing slamming.

- **Opening:** Pull the drawer front to open. If TIP-ON BLUMOTION is installed, a light push on the drawer front will release it.
- **Closing:** Push the drawer gently to engage the soft-close mechanism. The drawer will close smoothly and quietly.

7. Maintenance

The Blum MOVENTO slides are designed for long-lasting, maintenance-free operation. However, the following general guidelines can help ensure continued performance:

- Keep the slides free from excessive dust and debris. A dry cloth can be used for cleaning.
- Avoid applying lubricants to the slide mechanism, as this can attract dirt and interfere with the Blumotion function.
- Periodically check all mounting screws for tightness and re-tighten if necessary.
- Do not use harsh chemicals or abrasive cleaners on the slides.

8. Troubleshooting

- **Drawer does not close softly:** Ensure the Blumotion mechanism is not obstructed. Check if the drawer is overloaded, exceeding the 125 lb static load capacity. Verify that the slides are installed level and parallel.
- **Drawer is difficult to open or close:** Check for obstructions within the drawer cavity or along the slide path. Ensure the drawer box dimensions are correct and not binding against the cabinet frame. Verify that all mounting screws are secure.
- **Drawer is crooked or misaligned:** Utilize the four-dimensional adjustment features of the slides and locking devices to correct alignment. Check that the drawer box is square.
- **Missing hardware:** If any hardware components, such as screws, are missing from the package, please contact the seller for assistance.

9. Warranty and Support

For warranty information or technical support regarding your Cabentry Blum MOVENTO 763H5330S drawer slides, please refer to the documentation provided at the point of purchase or contact Cabentry customer service directly. Keep your purchase receipt for warranty claims.

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