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› Blum Tandem Plus BLUMOTION 563H Drawer Slides Installation and Adjustment Manual

Blum 563H3810B-1801C

Blum Tandem Plus BLUMOTION 563H Drawer Slides Installation and Adjustment Manual

Model: 563H3810B-1801C

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and adjustment of Blum Tandem Plus BLUMOTION 563H Drawer Slides. These slides offer full extension, soft-close functionality, and a 100 lbs static load-bearing capacity. They are designed for drawers with a 1/2" - 5/8" side thickness and can be used in both face frame and frameless cabinet applications.

COMPONENTS INCLUDED

The complete pair of Blum Tandem Plus BLUMOTION drawer slides includes the following:

- 2 x 563H3810B Runners (left and right)
- 2 x T51.1801 Locking Devices (left and right)
- 2 x Rear Mounting Brackets (for face frame applications only)
- Screws for installation



Image: Overview of Blum Tandem Plus BLUMOTION drawer slide components, including runners, locking devices, and rear brackets.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. Refer to the diagrams and instructions below for both face frame and frameless applications.

1. Runner Mounting Specifications

Accurate measurements are essential for correct runner placement. The diagrams illustrate typical mounting positions and required setbacks.



Image: Detailed diagram showing runner mounting specifications for face frame applications, including dimensions for inside cabinet depth, setback, and various runner models.

For face frame applications, ensure the rear mounting brackets are used. The diagram provides specific measurements for different runner models (e.g., 563H5330B, 563H4570B, 563H3810B, 563H3050B, 563H2290B10) and their corresponding inside cabinet depths and setbacks. Note the elongated holes for depth adjustment and bottom mount holes that allow you to mount the slide to a shelf or the bottom of the cabinet.

2. Cabinet and Drawer Specifications

Before installation, verify your cabinet and drawer dimensions against the specifications provided. This ensures proper fit and function.



Image: Comprehensive installation instructions diagram for 563H/563 slides, detailing cabinet and drawer dimensions, locking devices, runners, and rear attachment options. It also includes adjustment instructions for side-to-side, rear-to-side, height, tilt, and depth.

The table within the diagram outlines the required inside cabinet depth, minimum and maximum, drawer length, drawer

thickness, and runner length for various TANDEM plus BLUMOTION models. Pay close attention to the note regarding rear runners and brackets for cabinet sides that cannot be used.

3. Attaching Locking Devices

The locking devices secure the drawer box to the runners. Ensure they are correctly oriented and attached.



Image: Close-up view of the Blum Tandem Plus BLUMOTION locking devices, showing their design and how they connect to the drawer box.

The T51.1801 locking devices are designed for tool-free attachment to the drawer bottom. They provide the mechanism for securing and releasing the drawer from the runners.

OPERATION

Once installed, the Blum Tandem Plus BLUMOTION drawer slides provide smooth, full-extension operation with an integrated soft-close mechanism.

- **Full Extension:** Drawers extend completely out of the cabinet, providing full access to contents.
- **BLUMOTION Soft-Close:** The integrated damping system ensures drawers close silently and effortlessly, preventing slamming.
- **Load Capacity:** These slides are rated for a static load-bearing capacity of 100 lbs.

ADJUSTMENTS

The Blum Tandem Plus BLUMOTION slides feature four-dimensional adjustment capabilities to achieve perfect drawer alignment. These adjustments are typically tool-free or require a simple screwdriver.

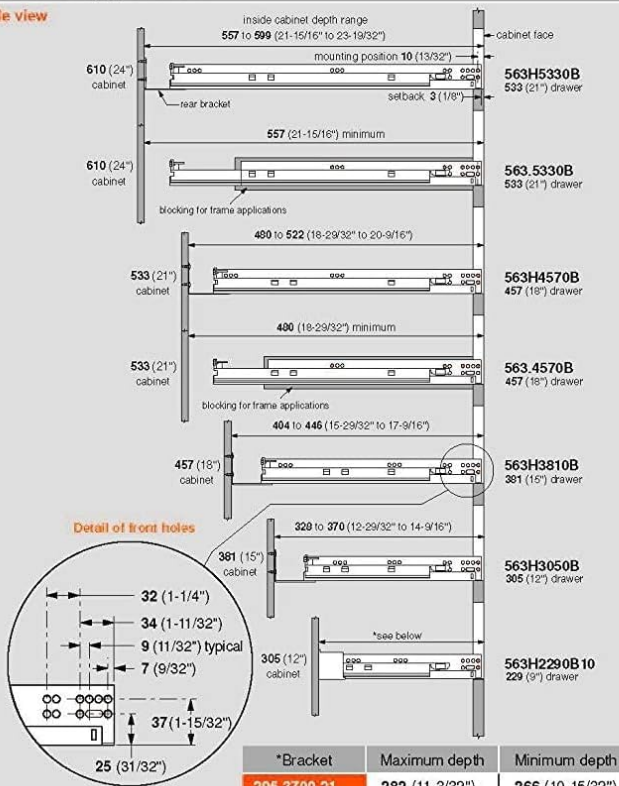
1. Side-to-Side Adjustment

This adjustment allows you to align the drawer front horizontally.

Face frame application

Runner mounting specifications

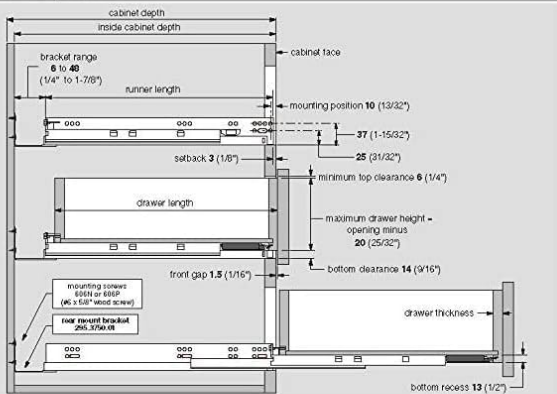
Side view



NOTE: Orange dots indicate screw locations required to meet specified load capacities

Cabinet and drawer specifications

Side view



TANDEM plus BLUMOTION	Cabinet depth	Inside cabinet depth		Drawer length	Maximum drawer thickness	Runner length
		Maximum	Minimum			
563H5330B	610 (24")	599 (23-19/32")	557 (21-15/16")	533 (21")	16 (5/8")	548 (21-9/16")
563.5330B	610 (24")	—	557 (21-15/16")	533 (21")		548 (21-9/16")
563H4570B	533 (21")	522 (20-9/16")	480 (18-29/32")	457 (18")		471 (18-17/32")
563.4570B	533 (21")	—	480 (18-29/32")	457 (18")		471 (18-17/32")
563H3810B	457 (18")	446 (17-9/16")	404 (15-29/32")	381 (15")		395 (15-9/16")
563H3050B	381 (15")	370 (14-9/16")	328 (12-29/32")	305 (12")		319 (12-9/16")
563H2290B10	305 (12")	299 (11-25/32")	266 (10-15/32")	229 (9")		259 (10-3/16")

NOTE: For 563. series runners rear brackets and sockets cannot be used. Cabinet sides must be blocked-out flush with the inside of the frame.

T51.1901R	Locking device with side-to-side adjustment (right)	295.3750.01	Rear mounting bracket, non-handed
T51.1901L	Locking device with side-to-side adjustment (left)	295.3700.21	563H2290B10 rear bracket, non-handed
T51.1801R	Locking device (right)	295.3700.22	563H2290B10 rear bracket, non-handed
T51.1801L	Locking device (left)		
606N or 606P	#6 Wood screw (for mounting runner to cabinet side, rear brackets and locking devices)		

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Image: A screwdriver being used to adjust the side-to-side alignment of a Blum Tandem Plus BLUMOTION drawer slide, showing the adjustment screw on the locking device.

Rotate the side-to-side adjustment screw on the locking device (T51.1801) to move the drawer front left or right. Maximum adjustment is 1.5 mm (1/16") to left or right.

2. Height Adjustment

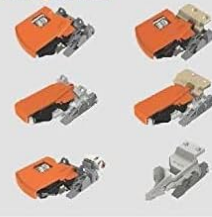
Adjust the drawer front vertically to ensure even gaps.

Full extension concealed runners

Basic components



Locking devices



Runners

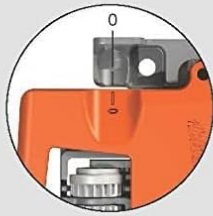
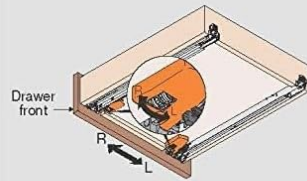


Rear attachment options



Side-to-side adjustment

1 Rotate side-to-side adjustment left or right equally on both locking devices. Drawer front moves in the same direction as rotation.

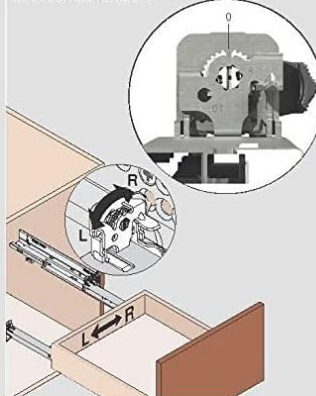


Maximum 1.5 (1/16") to left or right in both front and rear (tool-free)

NOTE: Side-to-side adjustment not available on T51.x8xx locking devices

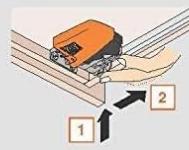
Rear side-to-side adjustment

2 After front side-to-side adjustment is made with the locking devices, rotate the rear side-to-side adjustment left or right to re-align the back of the drawer box with the front. Drawer back moves in the same direction as rotation.



Height adjustment

1 Press up on adjustment tab
2 Push towards back of drawer

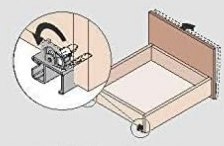


Maximum 3 (1/8") rise of drawer front (tool-free)

NOTE: Height and tilt adjustments available with all combinations of locking devices and runners

Tilt adjustment

Rotate the tilt adjustment lever on the rear of each runner to lift the back of the drawer and tilt the top of the drawer front forward



Maximum 5 (3/16") rise of drawer back (tool-free)

Depth adjustable locking device

Locking device

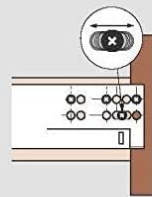
T51.1901.PS
with side-to-side,
height and
depth adjustment

Turning the adjustment screw allows for up to a +2.5 (3/32") out adjustment

NOTE: For T51.1901.PS setback in inset applications, see page 5

Depth adjustment on runner

TANDEM 563 runners feature elongated holes that allow ± 4.5 (3/16") depth adjustment



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Dimensions in millimeters (inch equivalents as noted)

Image: A hand pressing a tab on the Blum Tandem Plus BLUMOTION drawer slide for height adjustment, demonstrating the mechanism for vertical alignment.

Press up on the adjustment tab and push towards the back of the drawer to adjust height. Maximum adjustment is 3 mm (1/8") rise of the drawer front.

3. Tilt Adjustment

Correct any forward or backward tilt of the drawer front.

Rotate the tilt adjustment lever on the rear of each runner to lift the back of the drawer and tilt the top of the drawer front forward. Maximum adjustment is 5 mm (3/16") rise of the drawer back.

4. Depth Adjustment

Adjust the depth of the drawer front relative to the cabinet face.

TANDEM 563 runners feature elongated holes that allow for a depth adjustment of ± 4.5 mm (3/16"). For locking devices like T51.1901.PS, a screw allows for adjustment up to a +2.5 mm (3/32") out adjustment.

MAINTENANCE

Blum Tandem Plus BLUMOTION drawer slides are designed for long-lasting, maintenance-free operation. However, occasional cleaning can help preserve their smooth function.

- **Cleaning:** Wipe down the runners and visible components with a soft, damp cloth to remove dust and debris. Avoid

abrasive cleaners or solvents.

- **Lubrication:** These slides are pre-lubricated and generally do not require additional lubrication. If operation becomes stiff, consult Blum's official support for recommendations.
- **Inspection:** Periodically check all mounting screws to ensure they are tight.

TROUBLESHOOTING

If you encounter issues with your drawer slides, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drawer not closing smoothly or completely.	Misalignment, obstruction, or BLUMOTION mechanism issue.	◦ Check for obstructions in the slide path. ◦ Verify drawer alignment using side-to-side and height adjustments. ◦ Ensure the BLUMOTION mechanism is not damaged or jammed.
Drawer not extending fully.	Obstruction or incorrect installation depth.	◦ Remove any obstructions. ◦ Check depth adjustment and ensure runners are installed at the correct depth.
Drawer front is uneven or tilted.	Incorrect adjustment.	◦ Use the height and tilt adjustment features to re-align the drawer front.
Drawer feels loose or wobbly.	Loose mounting screws or incorrect locking device engagement.	◦ Tighten all mounting screws for both runners and locking devices. ◦ Ensure locking devices are fully engaged with the runners.

SPECIFICATIONS

Feature	Detail
Model Number	563H3810B-1801C
Brand	Blum
Type	Tandem Plus BLUMOTION Undermount Drawer Slides
Load Capacity	100 lbs (static)
Extension Type	Full Extension
Soft-Close	Integrated BLUMOTION
Drawer Side Thickness	1/2" - 5/8"
Adjustment	Four-dimensional (side-to-side, height, tilt, depth)
Material	Metal
Finish Type	Zinc Plated

Feature	Detail
Mounting Type	Side Mount (Undermount)
Color	Zinc & Orange
Item Weight	5 Pounds
UPC	642107109042

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For further assistance, please visit the official Blum website or contact customer support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question