

YENUO Basic-1 pair

YENUO Full Extension Side Mount Drawer Slides - Basic Model, 20 Inch

Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your YENUO Full Extension Side Mount Drawer Slides. Please read these instructions carefully before installation and keep them for future reference. These drawer slides are designed for smooth and reliable operation in various furniture applications.

PRODUCT OVERVIEW

Key Features

- **High Load Capacity:** Constructed from high-density 1.2mm thick cold-rolled steel, capable of supporting up to 100 lbs (45 kg).
- **Smooth & Quiet Operation:** Features industrial-grade double ball bearings for effortless sliding and a rubber bumper pad to prevent collision noise and absorb shock.
- **Anti-Rust & Anti-Oxidation:** Treated with a special blue zinc electroplated surface for enhanced corrosion resistance.
- **Three-Fold Full Extension:** Allows the drawer to extend completely, providing full access to its contents.
- **Detachable Design:** Equipped with a plastic buckle for easy installation and removal of the drawer.
- **Wide Application:** Suitable for various household and office furniture drawers, including wardrobe, keyboard, cabinet, wooden, steel, and toolbox drawers.

Strong Bearing Capacity

Made of High - density **1.2mm** thick steel, the carrying capacity is up to **45kg/100lbs**.



Load capacity 45kg/100lbs



Material thickness 1.2mm

Figure 1: Strong Bearing Capacity and Material Thickness. This image illustrates the robust construction of the drawer slides, highlighting the 1.2mm material thickness and demonstrating the 100lb load capacity.

APPLICATION SCENARIO

It can meet the needs of various household drawers.



Figure 2: Application Scenarios. This image displays the versatility of the drawer slides, showing them installed in different types of household drawers, such as those found in nightstands, dressers, and bathroom cabinets.

Components Included

- 1 Pair of YENUO Full Extension Drawer Slides (20 Inch)
- 12 Mounting Screws

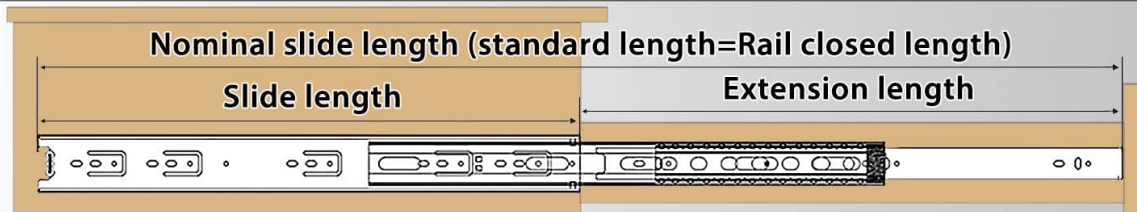
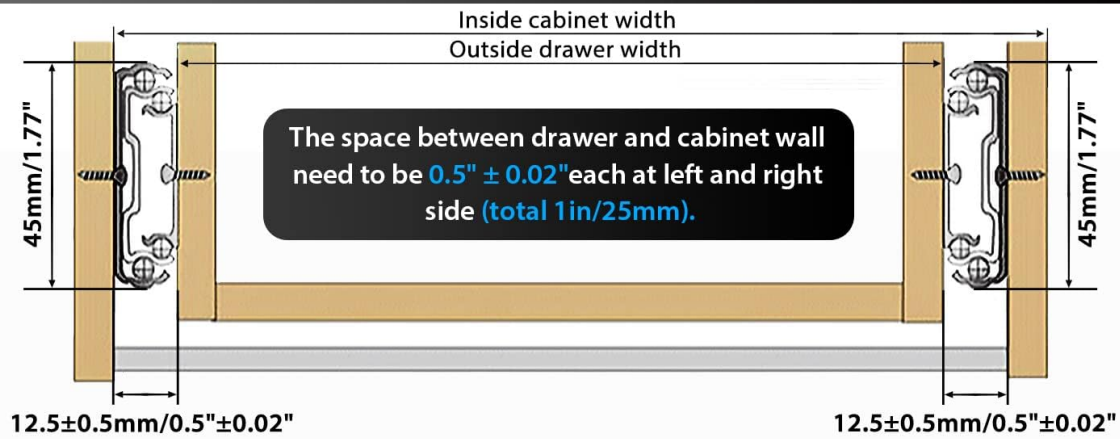
SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your drawer slides. Please follow these steps carefully.

Pre-Installation Checks

- **Slide Length:** The slide length is 20 inches (500 mm).
- **Fully Extended Length:** The slides extend to 40 inches (1000 mm).
- **Drawer Depth:** Ensure your drawer has an internal depth of at least 20-22 inches.
- **Clearance:** A space of 0.5 inches (12.5 mm) is required between the drawer and the cabinet wall on both the left and right sides. This means the internal cabinet width minus the external drawer width should equal 1 inch (25 mm).

INSIDE CABINET WIDTH - OUTSIDE DRAWER WIDTH= 1IN



Slide size	Slide length	Extension length	Drawer length		Minimum cabinet depth
			Min	Max	
10 inch	250mm/9.84"	248mm/9.76"	254mm/10"	304.8mm/12"	264mm/10.39"
12 inch	300mm/11.8"	300mm/11.8"	304.8mm/12"	355.6mm/14"	310mm/12.21"
14 inch	350mm/13.78"	352mm/13.86"	355.6mm/14"	406.4mm/16"	360mm/14.17"
16 inch	400mm/15.75"	404mm/15.91"	406.4mm/16"	457.2mm/18"	410mm/16.14"
18 inch	450mm/17.72"	450mm/17.72"	457.2mm/18"	508mm/20"	460mm/18.11"
20 inch	500mm/19.69"	501mm/19.73"	508mm/20"	558.8mm/22"	510mm/20.08"
22 inch	550mm/21.65"	548mm/21.58"	558.8mm/22"	609.6mm/24"	560mm/22.05"
24 inch	600mm/23.62"	596mm/23.47"	609.6mm/24"	762mm/30"	610mm/24.02"

Figure 3: Installation Dimensions and Clearance Requirements. This diagram illustrates the necessary space between the drawer and cabinet wall (0.5 inches on each side, totaling 1 inch) and provides a table of slide lengths, extension lengths, and corresponding minimum drawer depths for various slide sizes. For the 20-inch slide, the minimum cabinet depth is 510mm/20.08 inches.

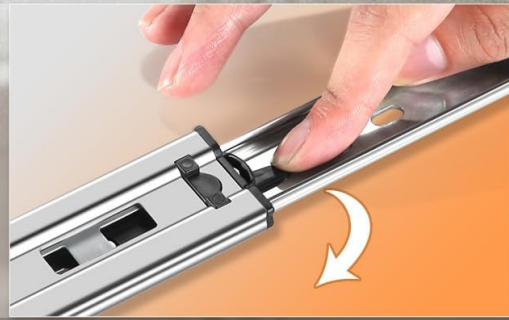
Installation Steps

- Separate the Slides:** The drawer slides consist of three parts. Gently pull the inner rail until it detaches from the middle rail. There is a small plastic buckle at the back of the slide that allows for separation. Press this buckle to release the inner rail.
- Mount Inner Rails to Drawer:** Attach the narrower inner rails to the sides of your drawer using the provided screws. Ensure they are flush and level.
- Mount Outer Rails to Cabinet:** Attach the wider outer rails to the inside of your cabinet opening. Use a level to ensure they are perfectly horizontal and parallel to each other. Maintain the 0.5-inch clearance on each side.
- Insert Drawer:** Align the inner rails on the drawer with the middle rails on the cabinet. Gently push the drawer into the cabinet until the slides engage. You should hear a soft click as the plastic buckle locks into place.
- Test Operation:** Slowly open and close the drawer to ensure smooth movement and full extension. Adjust if necessary.

The Features of the slides

Detachable Design

Press the buckle on the back of the slide rail, the drawer can be installed and detached easily.



The fixed hole positions

Efficiently simplify the workflow of installation and adjustment.

Rubber Pad

A impact-resistant device, which makes the drawer slides quietly without collision noise.

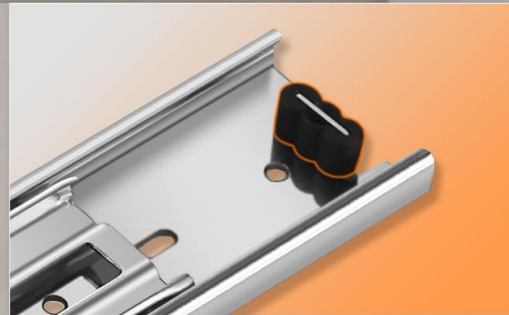


Figure 4: Detachable Design and Fixed Hole Positions. This image highlights the plastic buckle for detaching the inner rail, the pre-drilled fixed hole positions that simplify installation and adjustment, and the rubber pad for quiet operation.

OPERATING INSTRUCTIONS

These drawer slides are designed for simple and reliable operation.

- **Opening the Drawer:** Pull the drawer handle to open. The three-fold full extension mechanism allows the drawer to slide out completely, providing full access to items stored at the back.
- **Closing the Drawer:** Push the drawer gently to close. The ball bearings ensure a smooth and quiet return. The rubber bumper pad helps absorb impact and reduces noise upon closing.
- **Detaching the Drawer:** To remove the drawer from the cabinet, fully extend the drawer. Locate the plastic buckle at the back of each slide (typically on the inner rail). Press the buckle (usually downwards for one side, upwards for the other) and pull the drawer forward to detach it. This is useful for cleaning or accessing the cabinet interior.

MAINTENANCE

Regular maintenance ensures the longevity and smooth operation of your YENUO drawer slides.

- **Cleaning:** Wipe the slides periodically with a clean, damp cloth to remove dust and debris. Avoid

abrasive cleaners.

- **Lubrication:** While the ball bearings are designed for long-term smooth operation, a light application of silicone-based lubricant (avoid oil-based lubricants as they can attract dust) can be applied to the moving parts if you notice any stiffness over time.
- **Inspection:** Periodically check all mounting screws to ensure they are tight. Loose screws can affect performance and stability.
- **Load Capacity:** Do not exceed the maximum load capacity of 100 lbs (45 kg) to prevent damage to the slides and drawer.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Drawer sticks or is difficult to open/close.	<ul style="list-style-type: none">◦ Misalignment of slides.◦ Accumulation of dirt or debris.◦ Overloaded drawer.◦ Loose mounting screws.	<ul style="list-style-type: none">◦ Check and adjust slide alignment. Ensure they are parallel and level.◦ Clean the slides thoroughly.◦ Reduce the weight in the drawer.◦ Tighten all mounting screws.
Drawer makes excessive noise.	<ul style="list-style-type: none">◦ Lack of lubrication.◦ Debris in ball bearings.◦ Damaged rubber bumper.	<ul style="list-style-type: none">◦ Apply a small amount of silicone lubricant.◦ Clean the slides and ball bearings.◦ Inspect the rubber bumper; if damaged, contact support.
Drawer does not fully extend or close.	<ul style="list-style-type: none">◦ Obstruction in the slide path.◦ Incorrect installation.	<ul style="list-style-type: none">◦ Check for any objects blocking the slides.◦ Re-check installation steps, especially alignment and clearance.

If you are unable to resolve the issue, please contact YENUO customer support for assistance.

SPECIFICATIONS

Attribute	Detail
Brand	YENUO
Model Number	Basic-1 pair
Size	20 Inch (500 mm)

Attribute	Detail
Product Dimensions	50.8 x 4.5 x 1.27 cm
Item Weight	1.27 Kilograms
Material	Alloy Steel, Rubber, Metal (Cold-rolled steel with blue zinc electroplated finish)
Finish Type	Zinc-plated Steel
Installation Type	Side Mount
Weight Limit	100 pounds (45 kg)
Included Components	1 pair of drawer slides, 12 mounting screws
Batteries Required?	No
Manufacturer	Foshan Yenuo Hardware Co. Limited
UPC	791598449646

WARRANTY AND SUPPORT

YENUO is committed to providing high-quality products. While specific warranty details are not provided in this manual, we stand by the durability and performance of our drawer slides. The slides are tested for 100,000 push-pull cycles and are designed for a service life of at least 30 years under normal use.

For any quality issues, installation questions, or further assistance, please do not hesitate to contact YENUO customer support. Our goal is to ensure your satisfaction with our products.

Contact information for support is typically found on the product packaging or the retailer's website.