



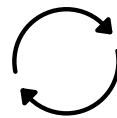
Yale

Vertex™

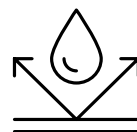
Pivot Bar & Carrier

The Yale Vertex Pivot bar & pivot bar carriers offers both 'slide-off' and 'lift-off' functionality

- Horn and non horn options
- Works perfectly with Vertex Pivot Shoe
- Suitable for all uPVC, Timber and Aluminium Windows
- Meets the requirements of BS EN 1670:2007
- Quick release 'slide-off' option
- Simple 'lift-off' option
- Manufactured totally from non-ferrous materials



Cycle Tested to BS 6375:
Part 2 (20,000 cycles)



BS EN 1670: Grade 4
240 Hours NSST

**10
YEAR**
MANUFACTURERS
GUARANTEE

Trusted every day



Slide-off Pivot Bar Applications

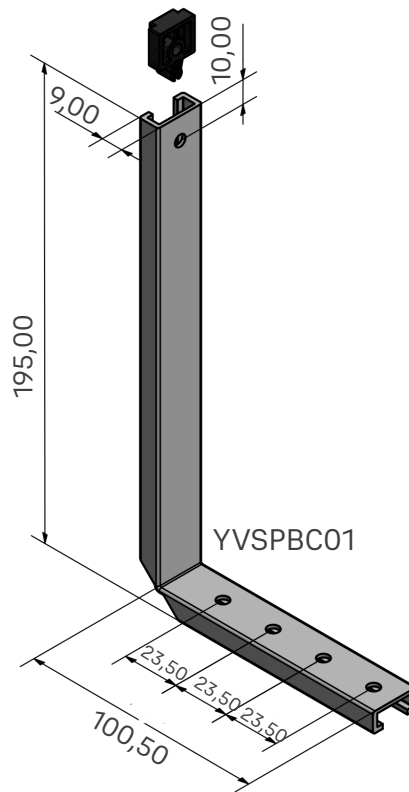
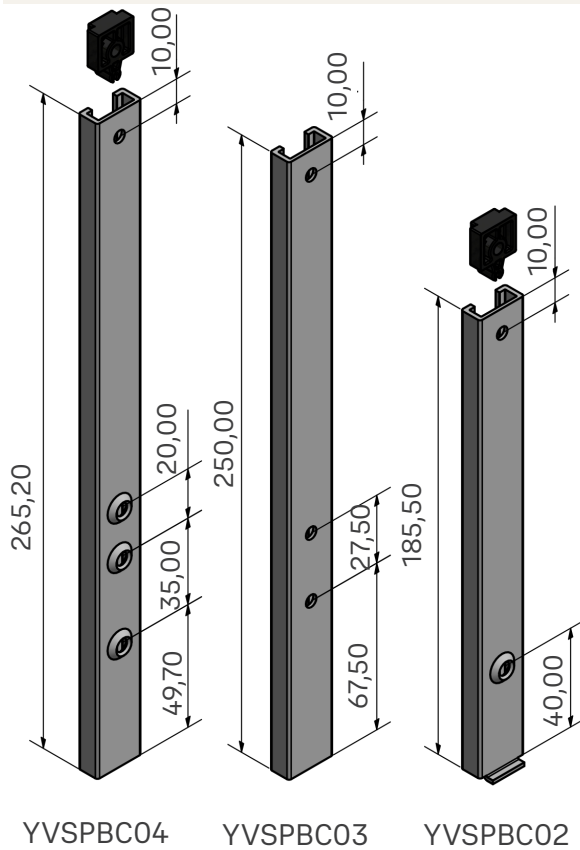
	Upper Sash						Lower Sash	
Window System	Non Horn		Plant on Horn		Run Thro' Horn			
	Pivot Bar	Carrier	Pivot Bar	Carrier	Pivot Bar	Carrier	Pivot Bar	Carrier
Eurocell	YVSPB01	YVSPBC01	YVSPB02	YVSPBC01	YVSPB02	YVSPBC04	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC04</i>	-	-	<i>YVSPB01</i>	<i>YVSPBC02</i>
Rehau	YVSPB01	YVSPBC01	YVSPB01*	YVSPBC01*	Lift off Only	Lift off Only	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB01*</i>	<i>YVSPBC02*</i>			<i>YVSPB01</i>	<i>YVSPBC02</i>
Spectus	YVSPB01	YVSPBC01	YVSPB02	YVSPBC01	YVSPB02	YVSPBC01	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC04</i>	<i>YVSPB01</i>	<i>YVSPBC02</i>
Veka	YVSPB01	YVSPBC01	YVSPB02	YVSPBC01	YVSPB02	YVSPBC01	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPB04</i>	<i>YVSPB01</i>	<i>YVSPBC02</i>

Lift-off Pivot Bar Applications

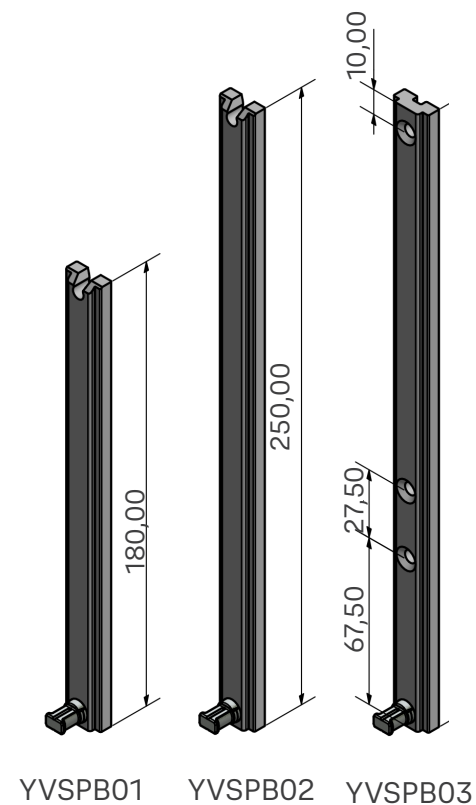
	Upper Sash						Lower Sash	
Window System	Non Horn		Plant on Horn		Run Thro' Horn			
	Pivot Bar	Carrier	Pivot Bar	Carrier	Pivot Bar	Carrier	Pivot Bar	Carrier
Eurocell	YVSPB01	YVSPBC01	YVSPB02	YVSPBC01	YVSPB02	YVSPBC04	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC04</i>	<i>YVSPB03</i>	<i>YVSPBC03</i>	<i>YVSPB01</i>	<i>YVSPBC02</i>
Rehau	YVSPB01	YVSPBC01	YVSPB01*	YVSPBC01*	YVSPB03	YVSPB03	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB01*</i>	<i>YVSPBC02*</i>	-	-	<i>YVSPB01</i>	<i>YVSPBC02</i>
Spectus	YVSPB01	YVSPBC01	YVSPB02	YVSPBC01	YVSPB02	YVSPBC01	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC04</i>	<i>YVSPB01</i>	<i>YVSPBC02</i>
Veka	YVSPB01	YVSPBC01	YVSPB02	YVSPBC01	YVSPB02	YVSPBC01	YVSPB01	YVSPBC01
	<i>YVSPB01</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPBC02</i>	<i>YVSPB02</i>	<i>YVSPB04</i>	<i>YVSPB01</i>	<i>YVSPBC02</i>

1. All part codes marked * require the use of the spring loaded horn
2. All part codes in **bold text** are Yale's recommended hardware
3. All part codes in *italic text* are Yale approved alternatives
4. Several Pivot Bar and Pivot Bar Carriers can be used in both 'Slide-Off' and 'Lift-Off' applications

Pivot Bar Carrier



Pivot Bars



Lift Off Sash Removal Procedure

Step 1. Assess if lifting the sash to be removed safely is a one or two person operation. For sashes weighing more than 25kg or wider than 1,200 mm we strongly suggest two people are employed.

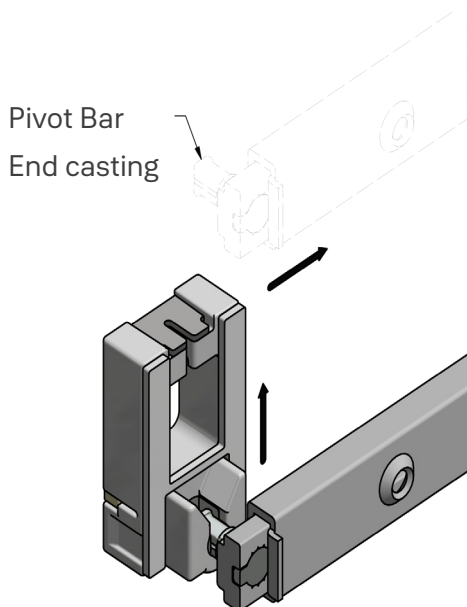
Step 2. Slide the sash to be removed vertically until the lower rail of the sash is as close to your midriff as possible.

Step 3. By releasing the Tilt Latches allow the sash to rotate until the Tilt-In Bar Restrictors are supporting the weight of the sash. If no Tilt-In Bar Restrictors are fitted follow Step 5 below.

Step 4. Release the Tilt-In Bar Restrictors whilst always supporting the weight of the sash

Step 5. Gently rotate the sash until it is horizontal (90°) fully supporting the weight of the sash at all times. Keeping the sash horizontal at all times the sash can now be lifted upwards until the Pivot Bar End Casting is above the Pivot Shoe and the sash can then be moved away from the window.

Re-installing the sash is a direct reversal of the steps above to remove it. Always ensure the sash is kept horizontal until both Pivot Bars are fully engaged in the Pivot Shoes. Re-connect any Tilt-In Bar Restrictors and then fully close the sash ensuring that the Tilt Latches have engaged into the window frame. Operate the sash a few times to ensure re-fitting has been successful.



Glide Off Sash Removal Procedure

Step 1. Assess if lifting the sash to be removed safely is a one or two person operation. For sashes weighing more than 25kg or wider than 1,200 mm we strongly suggest two people are used.

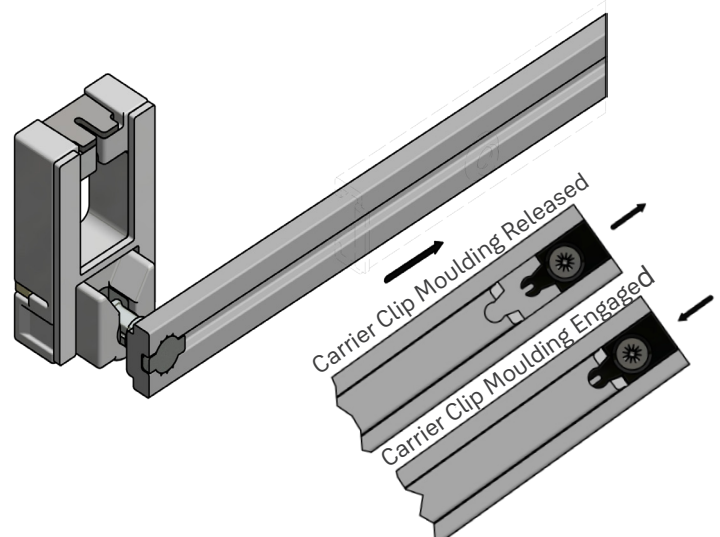
Step 2. Slide the sash to be removed vertically until the lower rail of the sash is as close to your midriff as possible.

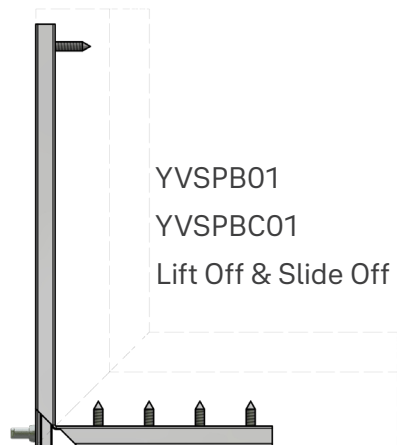
Step 3. By releasing the Tilt Latches allow the sash to rotate until the Tilt-In Bar Restrictors are supporting the weight of the sash. If no Tilt-In Bar Restrictors are fitted follow Step 5 below.

Step 4. Release the Tilt-In Bar Restrictors whilst always supporting the weight of the sash.

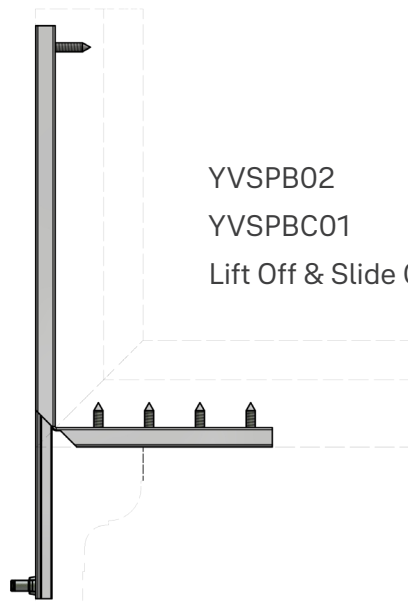
Step 5. Gently rotate the sash until it is horizontal (90°) fully supporting the weight of the sash at all times. Keeping the sash horizontal at all times the sash can now be pulled inward. Initially with a sharp tug to release the Carrier Clip Moulding from the Pivot Bar and then sliding the Sash complete with the Pivot Bar Carriers attached away from the window leaving the Pivot Bars retained in the Pivot Shoes. Do not handle the Pivot Bars at any time with the sash removed as this could release the Pivot Shoes braking system and they will move rapidly with a risk of injuring anyone close by.

Re-installing the sash is a direct reversal of the steps above to remove it. Always ensure the sash is kept horizontal and fully supported until both Pivot Bars Carriers are fully slid home on to the Pivot Bars which will require ensuring that the Carrier Clip Moulding is fully engaged in the Pivot Bars. Re-connect any Tilt-In Bar Restrictors and then fully close the sash ensuring that the Tilt Latches have engaged into the window frame. Operate the sash a few times to ensure re-fitting has been successful.

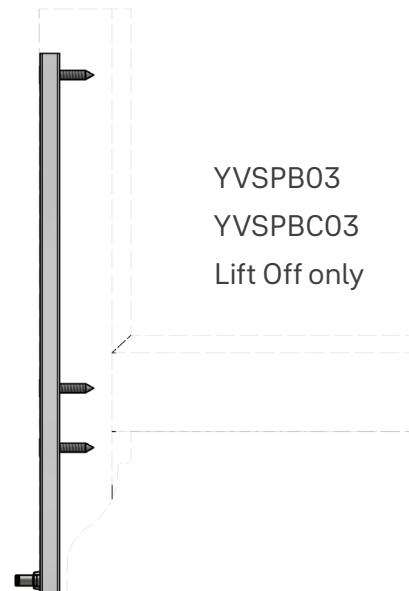




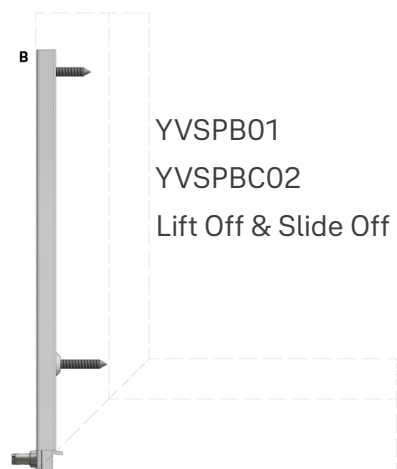
YVSPB01
YVSPBC01
Lift Off & Slide Off



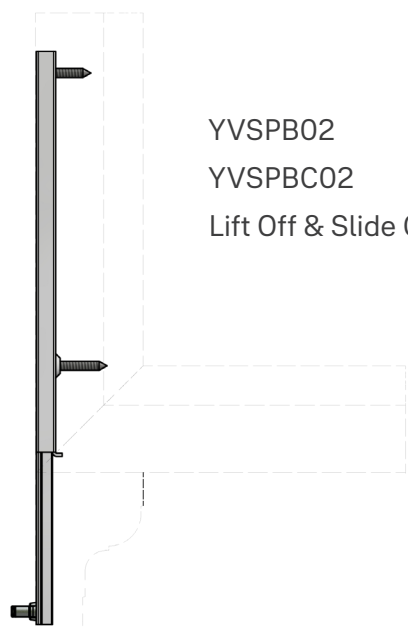
YVSPB02
YVSPBC01
Lift Off & Slide Off



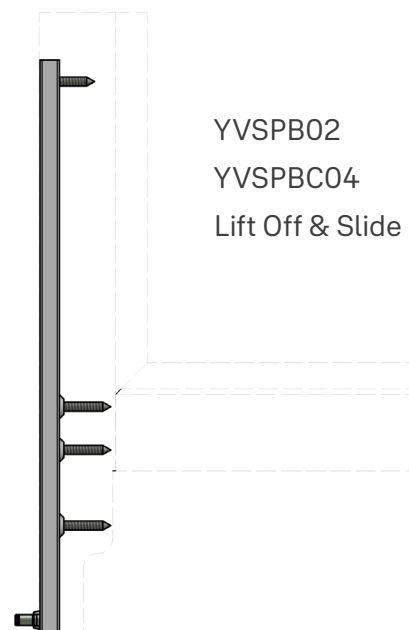
YVSPB03
YVSPBC03
Lift Off only



YVSPB01
YVSPBC02
Lift Off & Slide Off



YVSPB02
YVSPBC02
Lift Off & Slide Off



YVSPB02
YVSPBC04
Lift Off & Slide Off

Typical applications

1. See chart on Page 2 for specific window system details
2. All sash corners are dressed clean to ensure Pivot Bar Carriers fit correctly
3. Required gap between sash and frame is 2.5mm - 3.5mm

Important: When using as 'slide off' Pivot Bars do not turn the pivot bars when the sash is removed, doing so may release the pivot shoe brake causing the spring balances to retract at speed

Maintenance

Yale Vertex Pivot Bars and Pivot Bar Carriers are maintenance free. Yale recommends this product is surface cleaned with a damp cloth only and is kept free from any building materials and debris which could affect the mechanism.

Packaging

Pivot Bars Boxed in 100's
Pivot Bar Carriers (Including carrier clip moulding where applicable)
Boxed in 100's

Material Specification

Aluminium 6082T6
Reinforced Nylon