

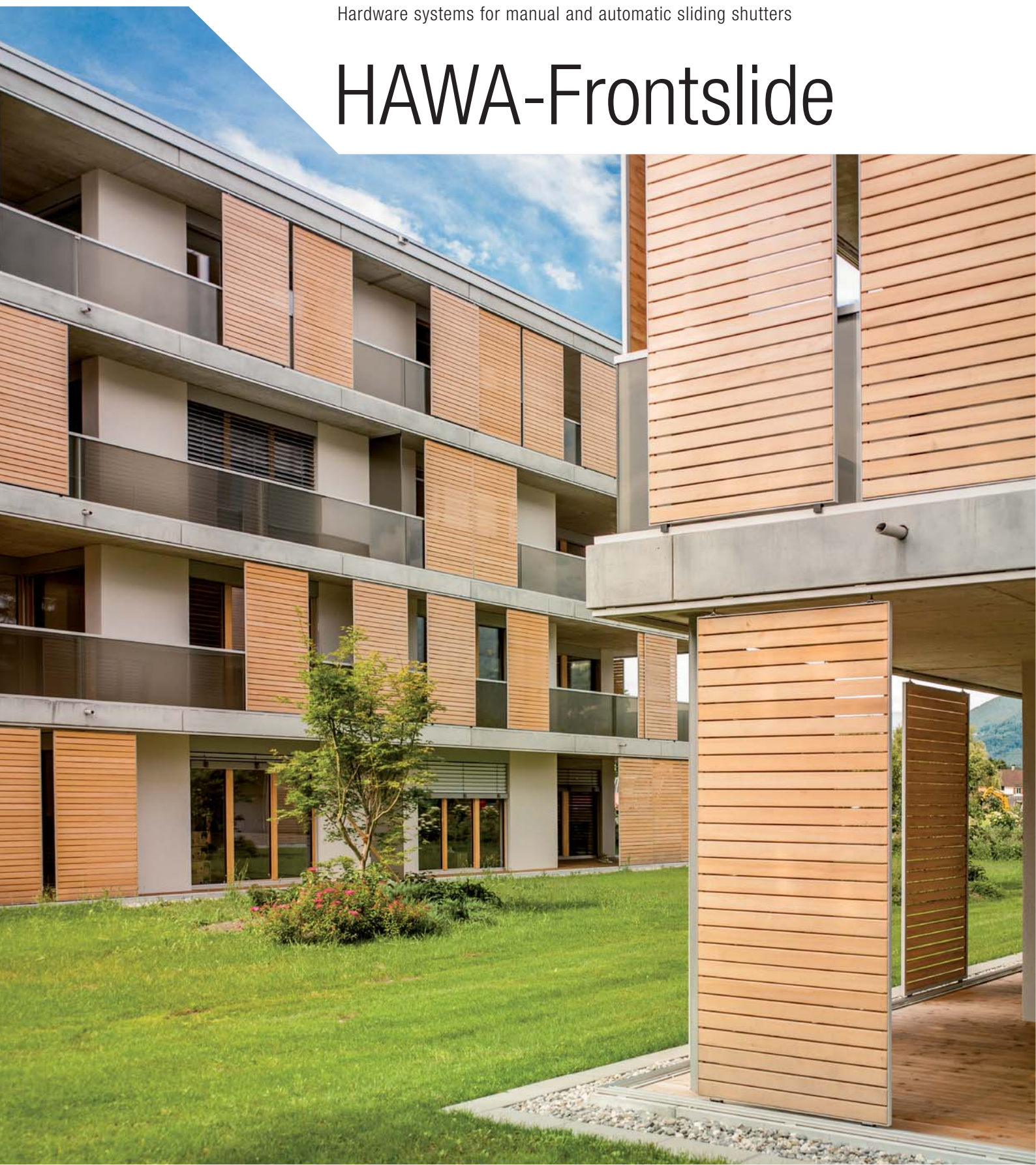
New

Extended range



Hardware systems for manual and automatic sliding shutters

# HAWA-Frontslide



### **HAWA-Frontslide 60-100-140: in detail**

The HAWA-Frontslide family has the right sliding shutter hardware for virtually every situation. This brochure shows you which variant meets your specific requirements. Please reference the technical details from the fold-out overview table in the appendix.

### **Hawa AG: always a guarantor for top quality**

Since its foundation over 50 years ago, Hawa AG has been a benchmark for best workmanship, precise finishing and high quality. Switzerland always was and still is our location of choice for all our production work. Not least because of the fact that our business philosophy is based on typical Swiss values such as safety, precision, durability and high quality of service.

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Hardware for manual sliding shutters



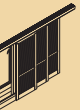
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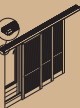
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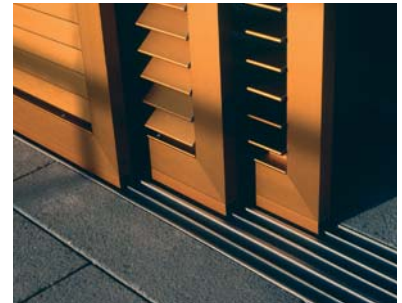


Versatile hardware for manual sliding shutters

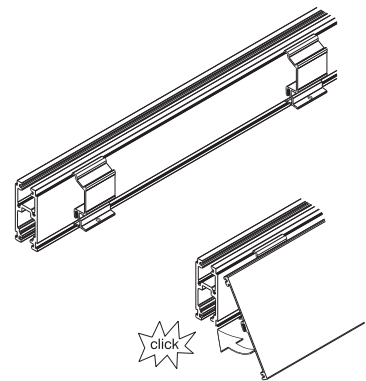
# HAWA-Frontslide 60-100-140/A

## About the product

This system grants you every option to exploit the qualities of function and design inherent in modern sliding shutters. Flexible, hardwearing and characterised by the smooth, quiet running properties and rattle-proof guiding technology so typical of Hawa, it gives a convincing performance from end to end. And installing the all-rounder is as impressively convenient as its operation.



Guides for every situation.



Top tracks coverable from both sides.

## Also available with a lower top track

A cost-effective and space-saving lower top track is available for single-shutter manual sliding shutters weighing up to 100 kg max. It takes up just 37 mm (60 kg) or 47 mm (100 kg) of space, which can be decisive when installing sliding shutters in existing buildings.



Beautiful and beautifully practical: sliding shutters.



Highly flexible: very wide models and various sliding shutter arrangements are possible.

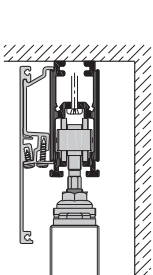


#### At a glance

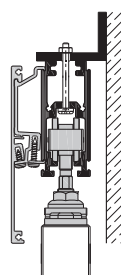
- Trouble-free opening and closing without leaning out, in any weather.
- Developed specifically for external use, very high resistance to corrosion.
- Simple to install thanks to wall, ceiling and window lintel fittings.
- Discreet optics: clip-on covers conceal top tracks and hardware from one side.
- Various bottom guides available for any construction situation.
- Top track with assembly groove for custom mounting to pre-existing wall consoles.
- Various locking variants prevent the shutters from opening of their own accord and increase protection against burglary.
- External tests verify highest wind resistance (class 6).



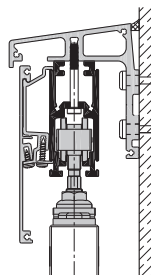
Corrosion-resistant materials: for longer lasting enjoyment and convenience.



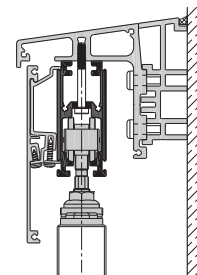
Ceiling or window lintel fitting.



Fixing bracket provided by customer.



Angled profile support for one sliding level.

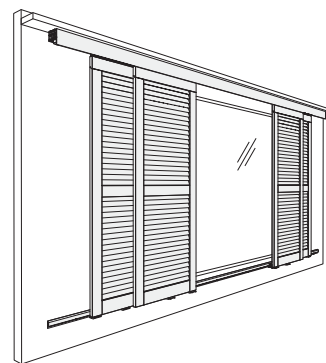


Spacer profile (weatherboard) for angled profile support for one sliding level.

# HAWA-Frontslide 60-100-140/A-Symmetric

## About the product

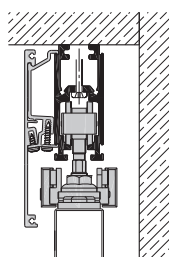
Do you appreciate particularly efficient hardware? If you do the HAWA-Frontslide-Symmetric was made with you in mind. It allows you to move two or four sliding shutters simultaneously with just one hand. And it does so with a particularly robust design: the sliding shutters are connected by a glass-fibre reinforced, UV-resistant toothed belt that is totally immune to changes in temperature, corrosion and sunlight. Durable, sophisticated, easy to install and very convenient: the Symmetric is as typical as any other member of the HAWA-Frontslide family.



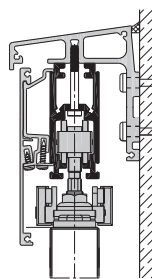
Close large surface areas in next to no time.

## At a glance

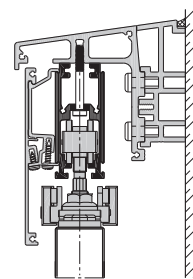
- Convenient, symmetrical opening and closing of two or four sliding shutters at the touch of a hand.
- Enables symmetrical façade design.
- Durable, maintenance-free design with a long lifetime thanks to glass-fibre reinforced toothed belt.
- Fast and efficient installation from the outside or from below thanks to unrestricted access to fastening components.
- Plus all the benefits of the HAWA-Frontslide 60-100-140/A.



Ceiling or window lintel fitting.



Angled profile support for one sliding level.



Spacer profile (weatherboard) for angled profile support for one sliding level.





# HAWA-Frontslide 60-100-140/A-Telescopic

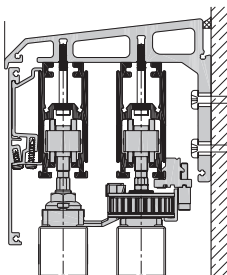
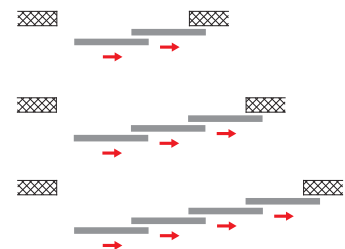


## At a glance

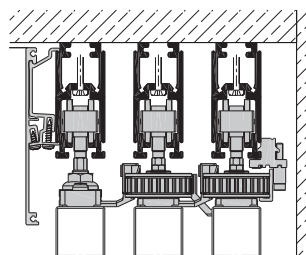
- Simultaneous movement of up to 4 sliding shutters for screening large window areas.
- No stopping noise caused by colliding catches.
- Durable, maintenance-free design with a long lifetime thanks to glass-fibre reinforced, UV-resistant toothed belts.
- Fast and efficient installation from the outside or from below thanks to unrestricted access to fastening components.
- Plus all the benefits of the HAWA-Frontslide 60-100-140/A.

## About the product

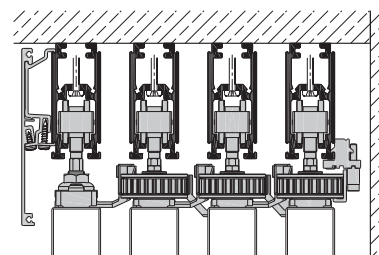
An especially space-saving solution is available for particularly large-surface window areas: the HAWA-Frontslide-Telescopic. It moves up to 4 sliding shutters softly and quietly into the desired position. Other than conventional designs the shutters are not drawn together with catches but are connected by high-quality, glass-fibre reinforced toothed belts – a property that eliminates the disturbing stopping noise. However, these elaborate systems provide enjoyment long before their first actual use: you will find the shutters almost as easy to install as they are to open and close thanks to unrestricted access to fastening components and options such as the angled profile support for two sliding levels.



Angled profile support for two sliding shutters.



Ceiling or window lintel fitting for 3 and 4 sliding shutters.



Hardware with patented suspension for minimal installation height

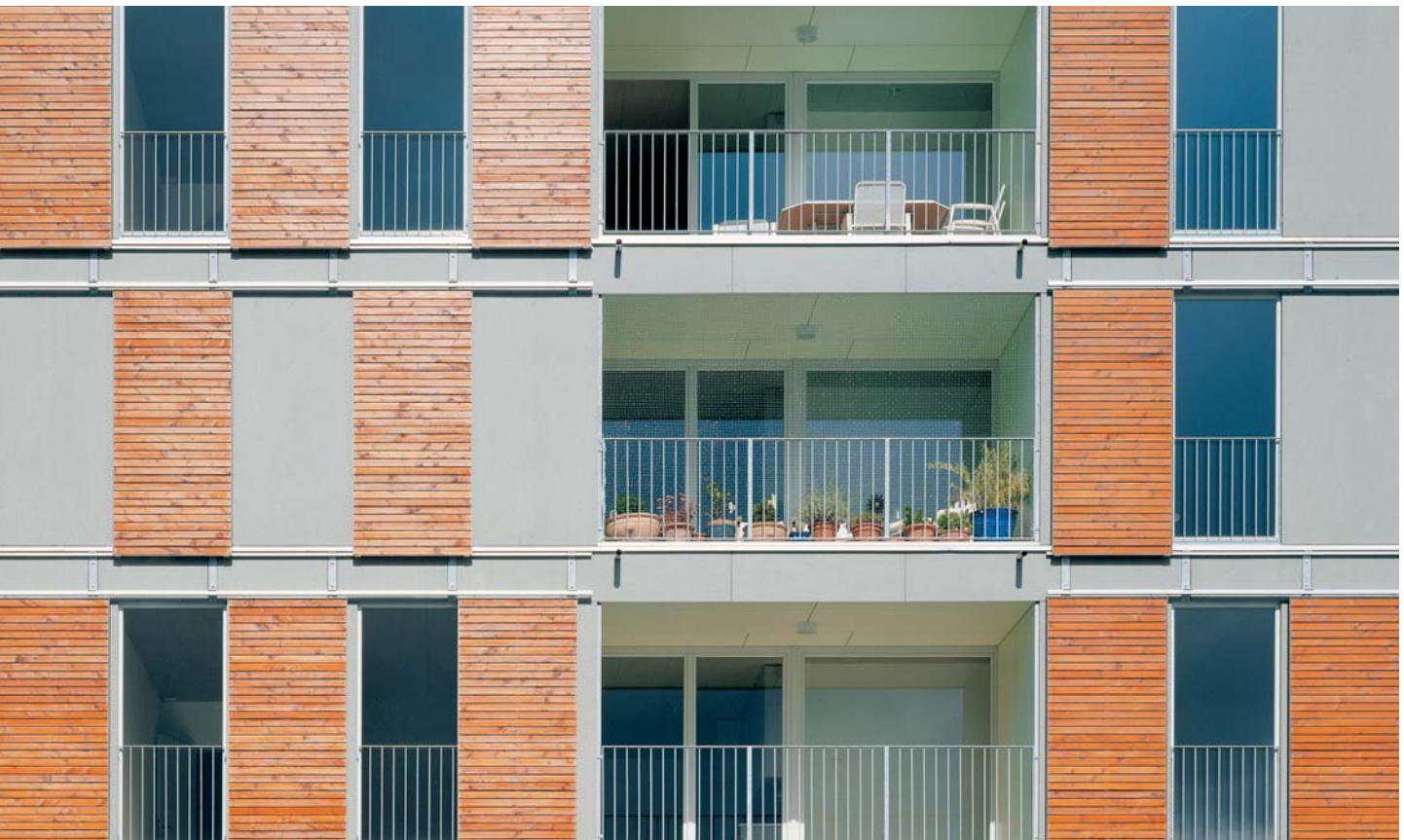
# HAWA-Frontslide 60/B

## About the product

The ability to accommodate large-surface façade designs, low space requirements, variable privacy and sun screening: every advantage that speaks for sliding shutters also speaks for the HAWA-Frontslide 60/B. Yet these are not the only advantages the hardware has to satisfy your needs. Its patented suspension system, for instance, guarantees maximum efficiency combined with minimal installation height and is a prime example of installation friendliness. It could not be easier to install and remove shutters or to adjust their height from inside the room. And it doesn't need any cover to get going thanks to concealed suspension cups and the virtually invisible angled profile on the wall.



Practical: fitting, removing and adjusting the height of sliding shutters from inside the room.



Variable privacy and sun screening for large-surface façade designs.

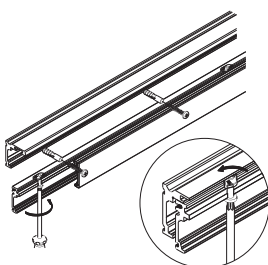




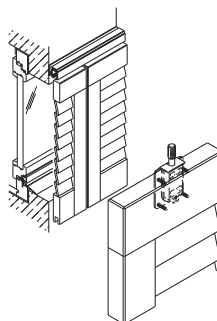
Limited space: HAWA-Frontslide 60/B is the solution.

### At a glance

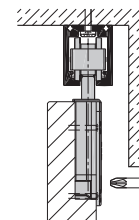
- Minimal installation height thanks to patented suspension cups.
- Installation could not be easier – everything can be installed, removed and adjusted from inside the room.
- Simple wall and ceiling fitting without a cover.
- Very high corrosion resistance.
- Smooth, quiet running and simple manual operation.
- Various bottom guides available for any construction situation.
- Various locking variants prevent the shutters from opening of their own accord and increase protection against burglary.



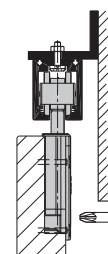
Intelligent wall fitting: elegant, coverless design.



Low space requirements and minimal installation height.



Ceiling fitting.



Wall fitting with angled profile.

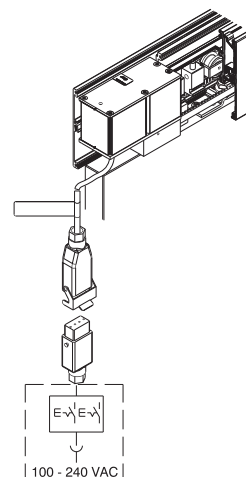
The sophisticated hardware system for automatic sliding shutters

# HAWA-Frontslide 60-100-140/matic



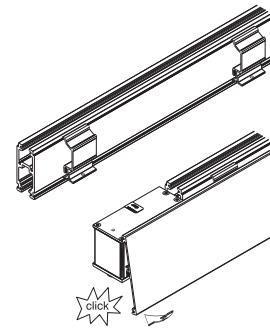
## About the product

Can you increase the convenience offered by the HAWA-Frontslide 60-100-140/A? You can: with the HAWA-Frontslide 60-100-140/matic and its future-oriented drive unit with integrated control. Move your sliding shutters smoothly and quietly into any position at the touch of a button. The intelligent control allows for slow acceleration and braking movements. It also detects the exact position of the sliding shutter by counting and storing the number of motor revolutions. By the way, the brushless motor and its high-quality gearbox are endurance artists par excellence. It follows the same orderly course without breakdown or maintenance and even helps to conserve energy. This is because automation makes shutters moveable without first opening the window. Thus, heat stays out during the summer but stays in during the winter.



## At a glance

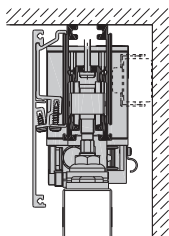
- System from one cast and production run with high-quality components for full compatibility and a long life.
- Efficient drive with integrated intelligent control.
- Optimum safety: the drive unit stops when it encounters an obstacle.
- Total system conforms to CE requirements and fulfils all European directives, standards and safety regulations.
- Easy to plan and install. No need for special connection cables or external controls.
- Activation via commercially available roller blind switches: enables a uniform design for operating elements.
- Systems can be connected to facility management controls.



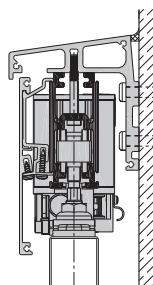
Top tracks coverable from both sides.



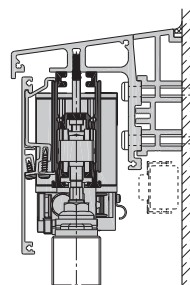
Resistant to corrosion and splash water (IP 54): every HAWA-Frontslide 60-100-140/matic runs durably without breakdown or maintenance.



Ceiling or window lintel fitting.



Angled profile support for one sliding level.



Spacer profile (weatherboard) for angled profile support for one sliding level.



The automatic hardware system for two or four symmetrically moving sliding shutters

# HAWA-Frontslide 60-100-140/matic-Symmetric

## About the product

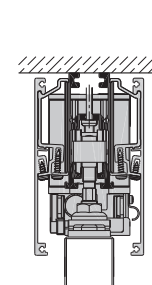
Are you looking for a motorised sliding shutter hardware system that offers a perfect combination of efficiency and convenience? Then allow us to introduce the HAWA-Frontslide/matic-Symmetric, which allows you to move two sliding shutters simultaneously with just one touch of a button thanks to a state-of-the-art drive unit with integrated control. And the pleasure it brings is long-lasting: guaranteed by a rock-solid design from one cast in connection with high-quality components such as a glass-fibre reinforced, UV-resistant toothed belt that is insusceptible to wind and weather.

## At a glance

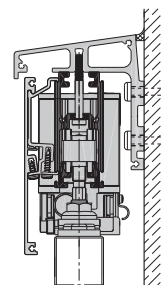
- Automated, symmetrical opening and closing of two sliding shutters with just one electric motor.
- Durable, breakdown- and maintenance-free design with a long lifetime thanks to a glass-fibre reinforced toothed belt.
- Disassembly of sliding shutters without removal of drive unit or toothed belt.
- Plus all the benefits of the HAWA-Frontslide 60-100-140/matic.



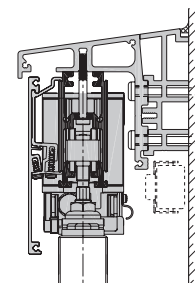
Enables a symmetrical façade design:  
HAWA-Frontslide/matic-Symmetric.



Ceiling or window  
lintel fitting.



Angled profile support  
for one sliding level.



Spacer profile (weatherboard)  
for angled profile support  
for one sliding level.

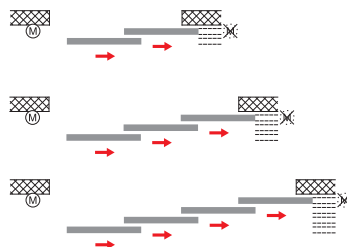


The automatic hardware system for 2 to 4 telescopically moving sliding shutters

# HAWA-Frontslide 60-100-140/matic-Telescopic

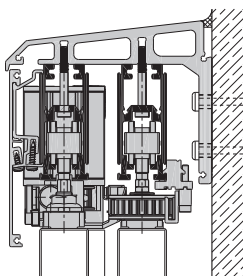
## About the product

Whoever needs to provide shade to façades with a high glass proportion will benefit from end to end from the advantages of a HAWA-Frontslide/matic-Telescopic. Its aesthetically appealing automatic sliding unit moves the open shutters in front of each other to take up very little room. And the HAWA-Frontslide/matic-Telescopic is also at the forefront from a functional viewpoint: you can move up to 4 shutters with one single motor. The shutters are not pulled along by catches but, just as its manually operated cousins, are connected by high-quality, glass-fibre reinforced toothed belts that eliminate the disturbing noise caused by the catches. This characteristic enhances the system's astoundingly low overall noise level. Its ease of operation is on a par with its ease of installation. The hardware system sets new standards in this area, too, thanks to freely accessible fitting components and options such as the angled profile support for two sliding levels.

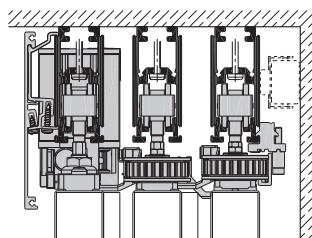


## At a glance

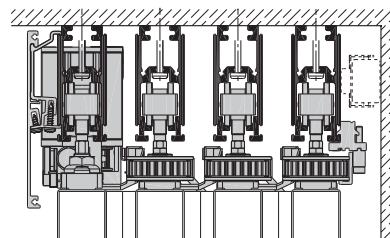
- Automatic, telescopic opening and closing of up to 4 shutters with one single motor.
- Economic alternative to individually controlled shutters which each require a drive unit.
- Extremely space-saving as the sliding shutters need only a fraction of the space when open.
- No stopping noise caused by colliding catches.
- Durable, maintenance-free design with a long lifetime thanks to glass-fibre reinforced, UV-resistant toothed belts and further high-quality components.
- Fast and efficient installation from the outside or from below thanks to unrestricted access to fitting components.
- All the benefits of the HAWA-Frontslide 60-100-140/matic and more.



Angled profile support for two sliding shutters.



Ceiling or window lintel fitting for 3 and 4 sliding shutters.



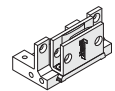
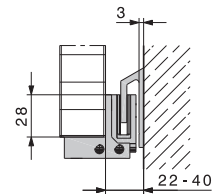
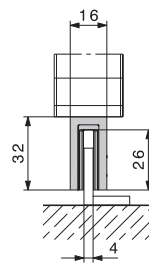
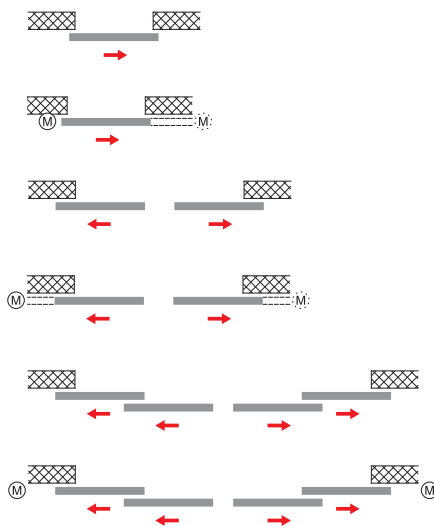
An ideal solution for every situation

# Bottom guides

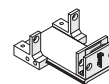
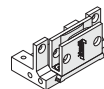
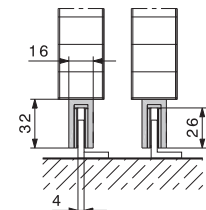
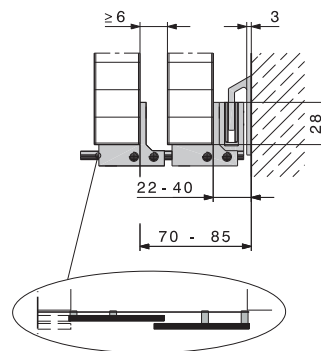
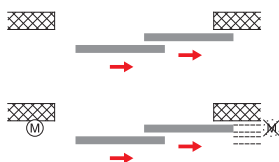
You can build on rock-solid stability with the HAWA-Frontslide 60-100-140.

This is due in part to its guiding qualities: your sliding shutters will stay true to their course in any constructional situation thanks to rattle-proof guide technology that is so typical of Hawa.

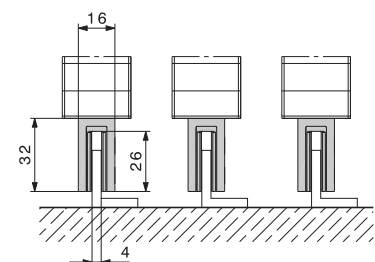
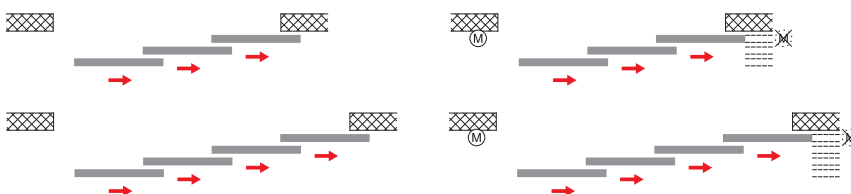
## Guides for single and symmetrical applications



## Guides for 2-door telescopic applications



## Guides for 3 and 4-door telescopic applications

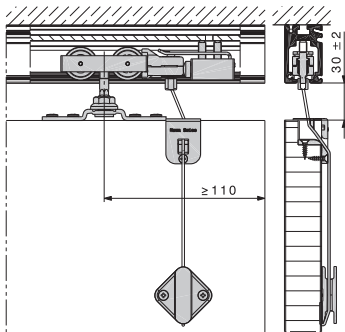




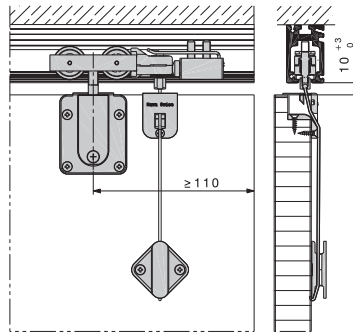
# Locking mechanisms

## Locks for sliding shutters

These manual shutters are simply unshakeable when it comes to locking up as the latch engages automatically when the shutters are closed. The latch is easily released from the inside via a cable pull, but not even the strongest winds stand a chance on the outside.



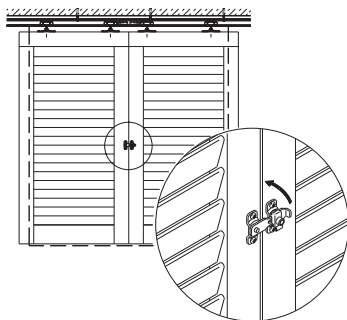
Sliding shutter lock in combination with HAWA-Frontslide 60/A.



Sliding shutter lock in combination with HAWA-Frontslide 60/B.

## Sliding shutter catch

A sliding shutter catch that holds two opposing shutters together effectively prevents sliding shutters from opening of their own accord.



# Summary

	Max. weight per sliding shutter	Lower top track	Sliding shutter thickness	Min. sliding shutter width	Max. sliding shutter width	Max. sliding shutter height	Max. installation width	Max. area per sliding shutter
Manual	lbs.	inch	inch	feet	feet	feet	feet	ft²
HAWA-Frontslide 60/A	132 lbs.		$1\frac{1}{8}"-1\frac{25}{32}"$	$1'3\frac{3}{4}"$	-	105'	-	
HAWA-Frontslide 100/A	220 lbs.		$1\frac{1}{8}"-1\frac{31}{32}"$	$1'7\frac{11}{16}"$	-	105'	-	-
HAWA-Frontslide 140/A	308 lbs.		$1\frac{1}{8}"-2\frac{3}{8}"$	$2'3\frac{9}{16}"$	-	105'	-	-
HAWA-Frontslide 60/A Lower top track	132 lbs.	$1\frac{15}{32}"$	min. $1\frac{1}{8}"$	$1'3\frac{3}{4}"$	-	105'	-	
HAWA-Frontslide 100/A Lower top track	220 lbs.	$1\frac{27}{32}"$	min. $1\frac{1}{8}"$	$1'7\frac{11}{16}"$	-	105'	-	-
HAWA-Frontslide 60/A-Symmetric 2	132 lbs.		$1\frac{1}{8}"-1\frac{25}{32}"$	$1'7\frac{11}{16}"$	-	105'	$19'8\frac{7}{32}"$	
HAWA-Frontslide 100/A-Symmetric 2	220 lbs.		$1\frac{1}{8}"-1\frac{31}{32}"$	$1'9\frac{21}{32}"$	-	105'	$19'8\frac{7}{32}"$	-
HAWA-Frontslide 140/A-Symmetric 2	308 lbs.		$1\frac{1}{8}"-2\frac{3}{8}"$	$2'3\frac{9}{16}"$	-	105'	$19'8\frac{7}{32}"$	-
HAWA-Frontslide 60/A-Symmetric 2+2	88 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'9\frac{21}{32}"$	$3'3\frac{3}{8}"$	105'	$19'8\frac{7}{32}"$	
HAWA-Frontslide 100/A-Symmetric 2+2	154 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'11\frac{5}{8}"$	$3'3\frac{3}{8}"$	105'	$19'8\frac{7}{32}"$	-
HAWA-Frontslide 60/A-Telescopic 2	132 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'9\frac{21}{32}"$	$3'11\frac{1}{4}"$	105'	-	
HAWA-Frontslide 100/A-Telescopic 2	220 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'11\frac{5}{8}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 140/A-Telescopic 2	308 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'3\frac{9}{16}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 60/A-Telescopic 3	132 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'9\frac{21}{32}"$	$3'11\frac{1}{4}"$	105'	-	
HAWA-Frontslide 100/A-Telescopic 3	220 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'11\frac{5}{8}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 60/A-Telescopic 4	132 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'9\frac{21}{32}"$	$3'11\frac{1}{4}"$	105'	-	
HAWA-Frontslide 100/A-Telescopic 4	220 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$1'11\frac{5}{8}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 60/B	132 lbs.	$1\frac{15}{32}"$	$1\frac{1}{8}"-1\frac{19}{32}"$	$1'3\frac{3}{4}"$	-	105'		
<b>Automatic</b>								
HAWA-Frontslide 60/matic	132 lbs.		$1\frac{1}{8}"-1\frac{25}{32}"$	$1'11\frac{5}{8}"$	-	105'	$24'7\frac{9}{32}"$	67.17 ft²
HAWA-Frontslide 100/matic	220 lbs.		$1\frac{1}{8}"-1\frac{31}{32}"$	$2'1\frac{19}{32}"$	-	105'	$24'7\frac{9}{32}"$	67.17 ft²
HAWA-Frontslide 140/matic	308 lbs.		$1\frac{1}{8}"-2\frac{3}{8}"$	$2'5\frac{17}{32}"$	-	105'	$24'7\frac{9}{32}"$	67.17 ft²
HAWA-Frontslide 60/matic-Symmetric 2	132 lbs.		$1\frac{1}{8}"-1\frac{25}{32}"$	$1'9\frac{21}{32}"$	-	105'	$24'7\frac{9}{32}"$	67.17 ft²
HAWA-Frontslide 100/matic-Symmetric 2	176 lbs.		$1\frac{1}{8}"-1\frac{31}{32}"$	$1'11\frac{5}{8}"$	-	105'	$24'7\frac{9}{32}"$	67.17 ft²
HAWA-Frontslide 140/matic-Symmetric 2	220 lbs.		$1\frac{1}{8}"-2\frac{3}{8}"$	$2'5\frac{17}{32}"$	-	105'	$24'7\frac{9}{32}"$	67.17 ft²
HAWA-Frontslide 60/matic-Symmetric 2+2	88 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 100/matic-Symmetric 2+2	154 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 60/matic-Telescopic 2	132 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 100/matic-Telescopic 2	198 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 140/matic-Telescopic 2	308 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'5\frac{17}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 60/matic-Telescopic 3	110 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 100/matic-Telescopic 3	176 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 60/matic-Telescopic 4	88 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-
HAWA-Frontslide 100/matic-Telescopic 4	154 lbs.		$1\frac{1}{8}"-1\frac{19}{32}"$	$2'1\frac{19}{32}"$	$3'11\frac{1}{4}"$	105'	-	-

# Summary

	Max. weight per sliding shutter	Lower top track	Sliding shutter thickness	Min. sliding shutter width	Max. sliding shutter width	Max. sliding shutter height	Max. installation width	Max. area per sliding shutter
Manual	kg	mm	mm	mm	mm	mm	mm	m²
HAWA-Frontslide 60/A	60		28–45	400	-	3200	-	
HAWA-Frontslide 100/A	100		28–50	500	-	3200	-	-
HAWA-Frontslide 140/A	140		28–60	700	-	3200	-	-
HAWA-Frontslide 60/A Lower top track	60	37	min. 28	400	-	3200	-	
HAWA-Frontslide 100/A Lower top track	100	47	min. 28	500	-	3200	-	-
HAWA-Frontslide 60/A-Symmetric 2	60		28–45	500	-	3200	6000	
HAWA-Frontslide 100/A-Symmetric 2	100		28–50	550	-	3200	6000	-
HAWA-Frontslide 140/A-Symmetric 2	140		28–60	700	-	3200	6000	-
HAWA-Frontslide 60/A-Symmetric 2+2	40		28–40	550	1000	3200	6000	
HAWA-Frontslide 100/A-Symmetric 2+2	70		28–40	600	1000	3200	6000	-
HAWA-Frontslide 60/A-Telescopic 2	60		28–40	550	1200	3200	-	
HAWA-Frontslide 100/A-Telescopic 2	100		28–40	600	1200	3200	-	-
HAWA-Frontslide 140/A-Telescopic 2	140		28–40	700	1200	3200	-	-
HAWA-Frontslide 60/A-Telescopic 3	60		28–40	550	1200	3200	-	
HAWA-Frontslide 100/A-Telescopic 3	100		28–40	600	1200	3200	-	-
HAWA-Frontslide 60/A-Telescopic 4	60		28–40	550	1200	3200	-	
HAWA-Frontslide 100/A-Telescopic 4	100		28–40	600	1200	3200	-	-
HAWA-Frontslide 60/B	60	37	28–40	400	-	3200		

## Automatic

HAWA-Frontslide 60/matic	60		28–45	600	-	3200	7500	6.24 m²
HAWA-Frontslide 100/matic	100		28–50	650	-	3200	7500	6.24 m²
HAWA-Frontslide 140/matic	140		28–60	750	-	3200	7500	6.24 m²
HAWA-Frontslide 60/matic-Symmetric 2	60		28–45	550	-	3200	7500	6.24 m²
HAWA-Frontslide 100/matic-Symmetric 2	80		28–50	600	-	3200	7500	6.24 m²
HAWA-Frontslide 140/matic-Symmetric 2	100		28–60	750	-	3200	7500	6.24 m²
HAWA-Frontslide 60/matic-Symmetric 2+2	40		28–40	650	1200	3200	-	-
HAWA-Frontslide 100/matic-Symmetric 2+2	70		28–40	650	1200	3200	-	-
HAWA-Frontslide 60/matic-Telescopic 2	60		28–40	650	1200	3200	-	-
HAWA-Frontslide 100/matic-Telescopic 2	90		28–40	650	1200	3200	-	-
HAWA-Frontslide 140/matic-Telescopic 2	140		28–40	750	1200	3200	-	-
HAWA-Frontslide 60/matic-Telescopic 3	50		28–40	650	1200	3200	-	-
HAWA-Frontslide 100/matic-Telescopic 3	80		28–40	650	1200	3200	-	-
HAWA-Frontslide 60/matic-Telescopic 4	40		28–40	650	1200	3200	-	-
HAWA-Frontslide 100/matic-Telescopic 4	70		28–40	650	1200	3200	-	-



Available from specialist dealers

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