## SIEGENIA: a high-performance complete range for slim lift and slide elements

# New options for individual freedom of design

SIEGENIA is expanding its product range for the PORTAL HS with new solutions for lift and slide elements with slim profile systems: the new HS 250 compact bogie wheels, the SOFT CLOSE compact and the SOFT STOP compact complete the portfolio for elements with 30 mm hardware groove and allow fabricators maximum freedom of design. The outstandingly broad portfolio likewise offers end users tangible benefits. As well as modern windows with narrow frame widths, slender large-scale elements with maximum light incidence and attractive options for ease of use are now available.

The focus for the frame materials is on diversity. Suitable for timber, timber-aluminium and aluminium elements and for the slim PVC profile system Vekamotion 82, the portfolio from SIEGENIA is an ideal solution both for private residential buildings and commercial buildings. In combination with the tried-and-tested HS 400 compact bogie wheels in the classic or height-adjustable version, the 27.5 gear and the 28/28 sealing rail for timber and timber-aluminium elements with burglar resistance up to RC2, the new solutions from SIEGENIA provide fabricators with a high-performance complete range for slim lift and slide elements.

#### New bogie wheels: slimline design with fabrication benefits

As a cost-effective solution for lower sash weights, the new HS 250 compact bogie wheels, distinguished by their low height, can carry 250 kg sash weight. Their innovative bearing technology, which takes, among other things, the weight distribution of energy-efficient triple glazing into account, provides enhanced smooth running. In spite of having only four rollers, they offer end users a high degree of comfort in everyday use.

Moreover, fabricators will also be won over by the efficient assembly. For example, the height-adjustable version of the HS 250 compact with its integrated precision adjustment supports the compensation of assembly tolerances of up to approximately 3 mm. Lifting the rear of the sash is quick and easy. Benefits are also created by the sophisticated design of the new coupling pieces for the square connecting rod, which allows swift, torsion-free fixing. This eliminates the development of noise or limitations in ease of use. The new coupling piece for the square connector rod will now also be used for the HS 400 compact bogie wheels up to 400 kg sash weight.

#### Convenient: SOFT CLOSE and SOFT STOP in a compact version

The new SOFT CLOSE compact and the new SOFT STOP compact provide optional ease of use for end users. While the SOFT CLOSE function brakes the sash during closing and automatically draws it into the locking position, the sash stops just before the locking position with the SOFT STOP function. The braking path of the sash is dependent on the sash weight and the operating speed. In the final centimetres, the sash can be easily and effortlessly slid into the closed position and locked. This manual action for the final centimetres also allows opening without additional force to activate the damper. Fabricators benefit from the significantly easier assembly of the new solutions. Thanks to their flat and space-saving version, they enable the use without the hitherto required milling on PVC and aluminium sashes. This means that the stability of the profiles remains unaffected.

#### Captions

Image database: SIEGENIA

*Image I: SIE\_PORTAL\_HS\_bogie wheels\_HS 250 compact.jpg*

The new bogie wheels HS 250 compact from SIEGENIA are distinguished by their low height and bear lift and slide elements up to 250 kg sash weight. The innovative bearing technology provides ease of use with only four rollers.

*Image II: SIE\_PORTAL\_HS\_SOFT CLOSE compact\_SOFT STOP compact.jpg*

Ease of use made even easier: the new SOFT CLOSE compact and the new SOFT STOP compact combine the easy opening and closing of heavy sashes with efficient assembly without any milling.

|  |  |  |
| --- | --- | --- |
| Publisher  SIEGENIA GROUP  Marketing Communications  Industriestraße 1 - 3  D-57234 Wilnsdorf Germany  Tel.: +49 271 3931-1176  E-mail: pr@siegenia.com  www.siegenia.com | Edited by / Contact  Kemper Kommunikation  Kirsten Kemper  Am Milchbornbach 10  D - 51429 Bergisch Gladbach Tel.: +49 2204 9644808  E-mail: info@kemper-kommunikation.de  www.kemper-kommunikation.de | Text Information  Pages: 2  Words: 541  Characters: 3 427 (with spaces)  Created: 2023-03-23 |
| Please send us a sample copy of any publication containing this text or these images. | | |