

SIEGENIA Innovations for you:

TITAN heavy duty

Our benefits³:

- ❶ Large elements are feasible thanks to a high load capacity of up to 300 kg
- ❷ Innovative use of ball bearings ensures smooth operation
- ❸ High energy efficiency due to uninterrupted sealing

TITAN heavy duty hinge side.

The innovative TITAN heavy duty hinge side is impressive due to its elegant appearance and the high load capacity of up to 300 kg for turning sashes and up to 200 kg for turn-and-tilt sashes. It bears window sashes made of timber and timber-aluminium with widths of up to 1,800 mm and heights of up to 3,000 mm safely and reliably. This enables the realisation of extremely large elements as turn-and-tilt or turn-only versions that were formerly only available with fixed glazing.

Thanks to the innovative ball bearings even heavy sashes can be smoothly operated throughout their entire service life. This makes the TITAN heavy-duty hinge side equally suitable for all user groups and is currently unique in the industry. The hinge side exhibits further strengths in terms of energy efficiency: The window sealing is not interrupted and thus inhibits the formation of a thermal bridge.



Heavy sashes,
moved easily.

Benefits for fabricators

- For timber and timber-aluminium windows
- Can be used for turn-only sashes up to 300 kg and turn-and-tilt sashes up to 200 kg
- Sash widths up to 1,800 mm and window heights up to 3,000 mm are achievable
- Milling on the frame as usual
- Milling edges are covered by PVC filling pieces
- The sash can be hinged in every opening position
- Simple adjustment of the sash in spite of high weight thanks to innovative ball bearings in the rebate corner hinge and 3D pressure adjustment



Benefits for end users

- Elegant design
- Realisation of large window formats that were formerly only available with fixed glazing
- Easy operation, in spite of heavy sashes thanks to igus and ball bearings
- Wear-resistant and therefore long-term operating safety
- No thermal bridges and high energy efficiency due to uninterrupted sealing
- Colour matching with the frame is possible