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Hidden load bearers

Basys is extending its range of concealed hinges

Continuing where it all began is a mark of consistency. It was in 2001 that Basys – Bartels Systembeschläge, Kalletal – became the first German manufacturer to present a concealed and three-dimensionally adjustable hinge at BAU, the leading trade fair for architecture, materials and systems. In 2017, the company is once again demonstrating its creative expertise in this domain. A focal point at exhibition stand 430 in hall B4: the „Pivota DX“ product range – in the meantime an all-inclusive line-up of concealed, three-dimensionally adjustable hinges for non-rebated doors which, with load-bearing capacities of 40 to 350 kilograms per pair, covers the entire door spectrum.

A new member of the „Pivota DX“ product range is making its debut at BAU 2017. Developed for heavy-duty applications, the „Pivota DXS 180 3-D Steel“ hinge is made of solid steel and stainless-steel joints and carries a standard load of 300 kilograms. Its special kinematics permits facings in a thickness of up to 8 mm.

The new model has the same mortising dimensions as the „Pivota DX 120“ (150 kg load-bearing capacity) and „Pivota DX 180“ (200 kg load-bearing capacity) models which makes it easier to change doors. The manufacturer uses hybrid technology to provide mortising compatibility within the model groups: load-bearing capacity is determined by material composition alone – the mortising dimensions remain unchanged.

At the heart of the „Pivota DX“ hinge series is the design principle that was developed and patented by Basys. It reliably supports door-leaf weights and gives permanently maintenance-free and smooth mechanical action even to extremely heavy and frequently used doors.

In the design version winning the German Design Award in February 2017, magnetically fixed metal plates cover the parts where the concealed hinge is mortised and mounted in the frame to produce an immaculate finish.



Caption: Is making its debut at BAU 2017: The concealed "Pivota DXS 180 3-D Steel" hinge, developed for heavy-duty applications. It carries a standard load of 300 kilograms. Its special kinematics permits facings in a thickness of up to 8 mm. Photo: Basys

BaSys

BaSys stands for Bartels Systembeschläge. The family-owned company run by Albert and Jürgen Bartels has been developing, producing and selling an all-embracing range of building hardware since 1995. With its hinge and striking-plate systems, BaSys regards itself as a problem solver for door and frame manufacturers throughout Europe as well as for national and international customers from retail and the trades. In 2001, the company was the first German manufacturer to present a concealed and three-dimensionally adjustable hinge with the "Pivota" product range, initiating a new design trend in the door industry. At company headquarters in Kalletal, East Westphalia, BaSys employs around 100 members of staff.

PR-Contact: bic.PR | Bianca Schmand-Hannemann | fon: +49 5246 827 990-0 | mail: Bianca.Hannemann@bic-pr.de