



Versatile and flexible:
Special Hinges

Technik für Möbel


Hettich

Special Hinges



Flexibility and competency in meeting specific customer demands too

The range of special hinges provides the right fitting for particular applications, such as folding doors, flaps or glass doors.

It is also just as easy to produce designs with thin front panel materials, front frame constructions, or cases where no cup drilling can be made.



For thin materials
Glass door hinges for overlay or inset doors.



For folding doors
Center hinges in a variety of types.



For flaps
Markant flap hinges for combining with a flap stay.



Range summary

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Special Hinges

- Range summary



Glass door hinges

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Center hinges

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Face frame hinge with spring system

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Flap hinges

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Special Hinges

- ▶ Glass door hinge ET 5150 / ET 5150 Z
- ▶ For inset doors

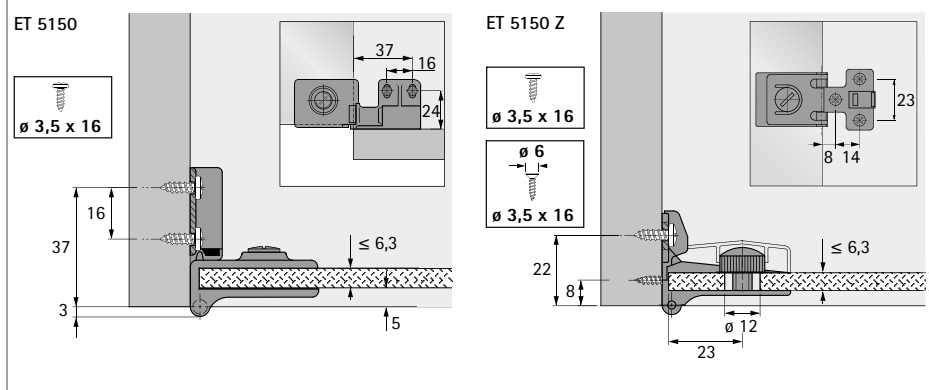


- ▶ Glass door hinge with stay closed function for inset doors
- ▶ Opening angle 170°
- ▶ ET 5150 and glass door handle: easy installation by clamping screw, no need to drill holes in the glass
- ▶ Where ET 5150 Z is used: 12 mm \varnothing hole must be drilled in the glass
- ▶ Hinge including stick on anti slip element
- ▶ Door format:
 - Height = inside carcase height - 4.4 mm
 - With glass door handle: width = inside carcase width - 5 mm
 - With other handle: width = inside carcase width - 4 mm
- ▶ Zinc die-cast

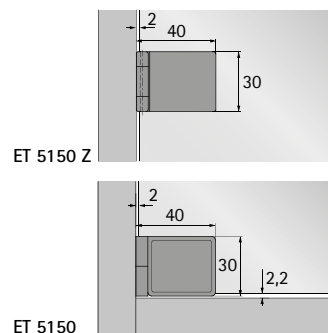
Glass door hinge ET 5150

Article name	Finish	Order no.	PU
Glass door hinge ET 5150	nickel plated, matt, lacquered	0 024 908	20 pair
ET 5150 Z glass door hinge (additionally required for doors taller than 1000 mm)	nickel plated, matt, lacquered	0 069 934	10 ea.
Glass door handle	matt nickel plated	0 025 314	20 ea.

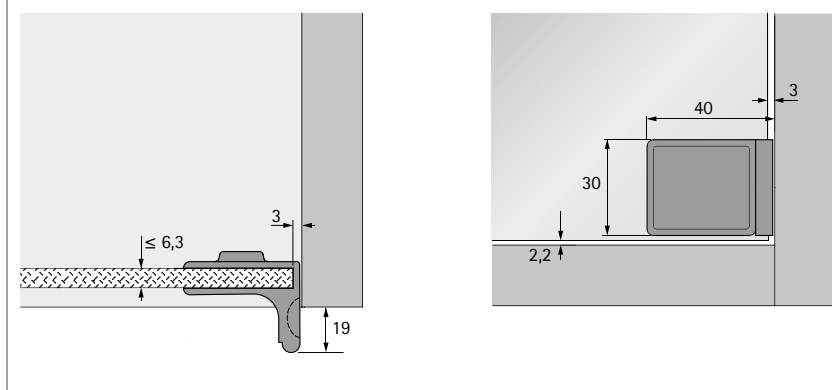
ET 5150 / ET 5150 Z



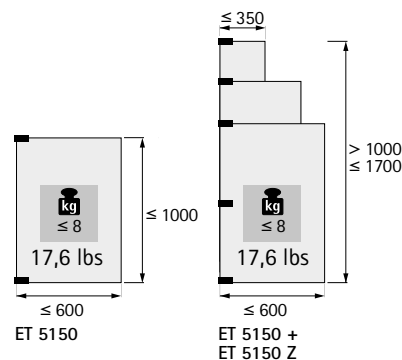
ET 5150 / ET 5150 Z



Glass door handle



Note



Special Hinges

- ▶ Glass door hinge ET 5160
- ▶ For overlay doors

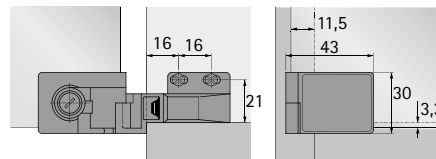
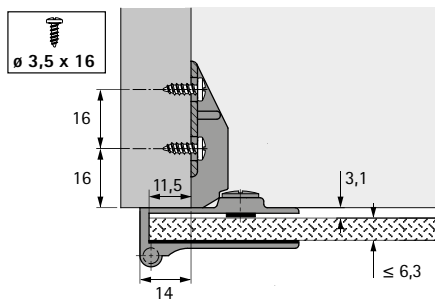


- ▶ Glass door hinge with stay closed function for overlay doors
- ▶ Opening angle 170°
- ▶ Easy to install by clamping screw, no need to drill holes in the glass
- ▶ Hinge including stick on anti slip element
- ▶ Door format:
 - Height = inside carcase height + 6.6 mm
 - Width = inside carcase width + 23 mm
- ▶ Zinc die-cast, matt nickel plated

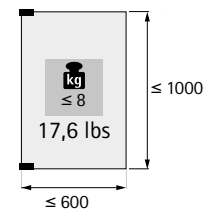
Glass door hinge ET 5160

Article name	Order no.	PU
Glass door hinge ET 5160	0 030 866	20 pair
Glass door handle	0 025 314	20 ea.

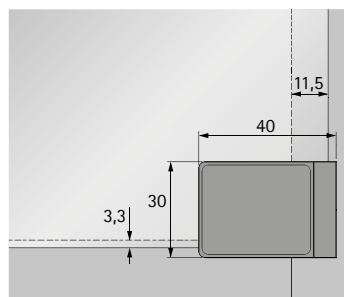
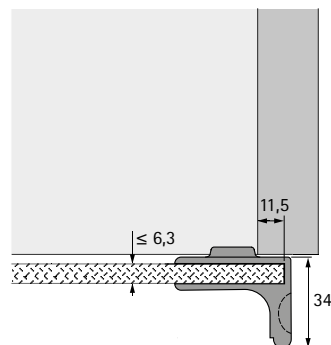
ET 5160



Note



Glass door handle



Special Hinges

- ▶ Glass door hinge ET 150
- ▶ For inset doors

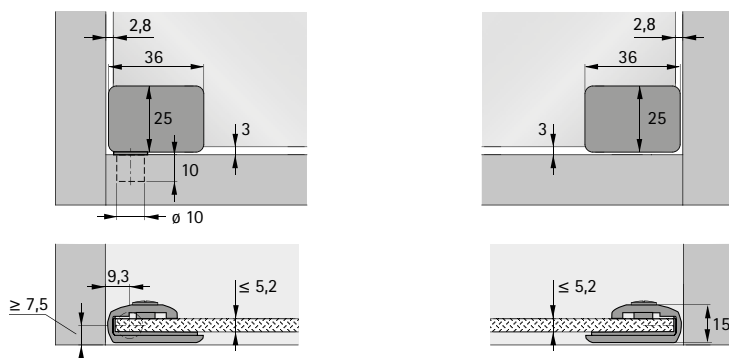


- ▶ Glass door hinge without stay closed function for inset doors
- ▶ Opening angle 105°
- ▶ Easy to install by clamping screw, no need to drill holes in the glass
- ▶ Including premounted anti-slip strip
- ▶ The clamping screw on the push handle can be used for a magnetic stay closed function, e.g. with D7 / GP9 magnetic catch
- ▶ Door format:
 - Height = inside carcase height - 6 mm
 - Width = inside carcase width - 5.6 mm
- ▶ Zinc die-cast, matt nickel plated

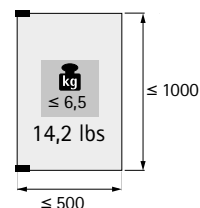
Glass door hinge ET 150

Article name	Order no.	PU
Glass door hinge ET 150	0 020 870	20 pair
Push handle on left	0 020 871	20 ea.
Push handle on right	0 020 872	20 ea.

ET 150 / push handle



Note



Special Hinges

- Center hinge
- For folding doors, opening angle 180°

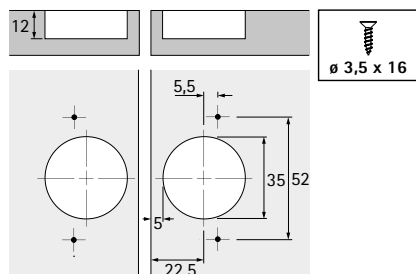


- Center hinge for folding doors
- For door thicknesses over 15 mm
- Same drilling pattern for door and side element, both elements are mounted separately
- The reveal can be infinitely adjusted from minimum reveal to + 4 mm, application is always flush
- Gradual adjustment of the pivot offset with 0 mm, 3 mm and 6 mm
- Zinc die-cast nickel plated

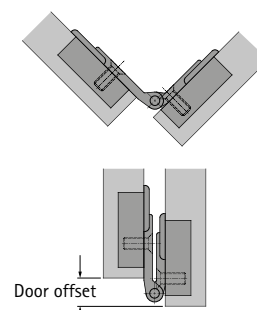
Center hinge with adjustable offset pivot

Mounting option	Order no.	PU
For screwing on	0 046 787	10 ea.

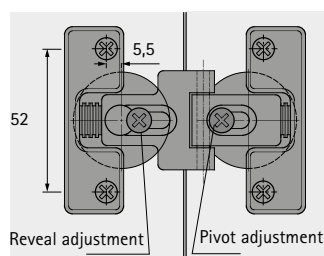
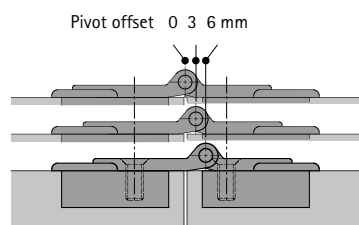
Drilling pattern for screwing on



Door offset



Pivot offset



Pivot offset mm	Door offset mm
0	0
3	6
6	12

By way of example for reveal = 3 mm

Special Hinges

- Face frame hinge with spring system
- For movable fascia

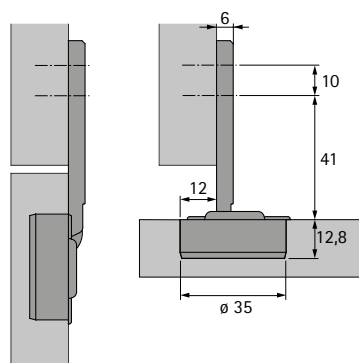


- For mounting movable attached columns
- Opening angle 90°
- The integrated spring system serves as a stay closed function in the closed position and also holds the fascia in line with the door in the 90° open position
- The slim side arm is particularly compact
- For example, for use with retractable door fitting
For KA 5740, see sliding door systems
- Cup depth 12.5 mm
- Zinc die-cast nickel plated

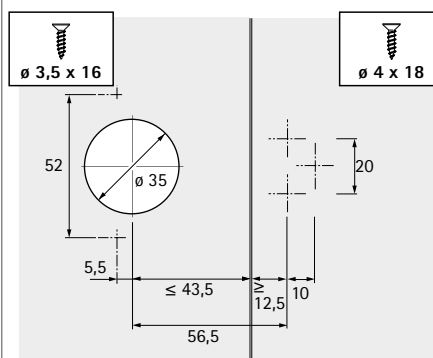
Face frame hinge

Order no.	PU
0 060 832	10 ea.
1 019 879	200 ea.

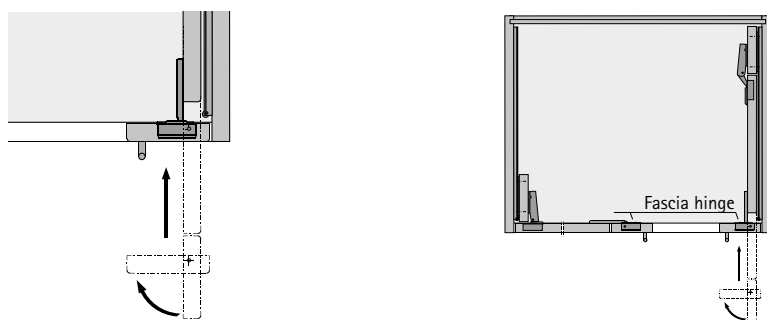
Mounting example



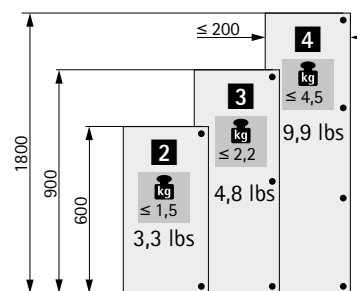
Drilling pattern



Mounting example



Note



Special Hinges

- ▶ Flap hinge Markant 7.1
- ▶ For overlay flaps

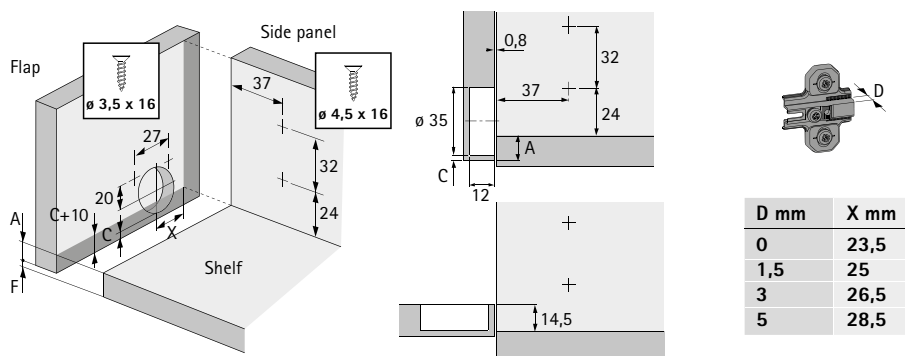


- ▶ Flap hinge for overlay flaps
- ▶ Quality classification under EN 15828, Level 2
- ▶ Door width x height: 600 mm x 450 mm
- ▶ Door weight 3.5 kg
- ▶ Cup diameter 35 mm / cup depth 11.8 mm
- ▶ Mounting plate and flap arm assembly separately
- ▶ Integrated depth adjustment + 2 mm / - 2 mm
- ▶ Height adjustment at mounting plate
- ▶ Can only be used in conjunction with flap stays
- ▶ Zinc die-cast nickel plated / nickel plated steel
- ▶ System 2006 mounting plates must be ordered separately

Flap hinge Markant 7.1

Version	Order no.	PU
right and left, with stay closed function	0 046 849	25 pair
right, with stay closed function	1 083 935	50 ea.
left, with stay closed function	1 083 936	50 ea.

Flap / carcass drilling pattern



Minimum reveal required below the flap

Cup distance C mm	Overlay A mm	Flap thicknesses mm											
		16	18	20	22	24	26	28	30	32	34	36	38
3	13	0.4	0.8	1.2	1.8	2.4	3.2	4.3	5.9	7.7	9.6	11.5	13.3
4	14	0.4	0.8	1.2	1.8	2.4	3.2	4.2	5.6	7.2	9.1	10.9	12.7
4.5	14.5	0.4	0.8	1.2	1.8	2.4	3.2	4.2	5.6	7.2	9.1	10.9	12.7
5	15	0.4	0.7	1.1	1.6	2.3	3.1	4.0	5.2	6.7	8.5	10.2	12.0
6	16	0.4	0.7	1.1	1.6	2.3	3.0	3.8	4.9	6.2	7.9	9.5	11.3
7	17	0.4	0.6	1.0	1.5	2.1	2.9	3.6	4.6	5.7	7.3	8.8	10.6

Special Hinges

- Flap hinge Markant 11
- For overlay flaps

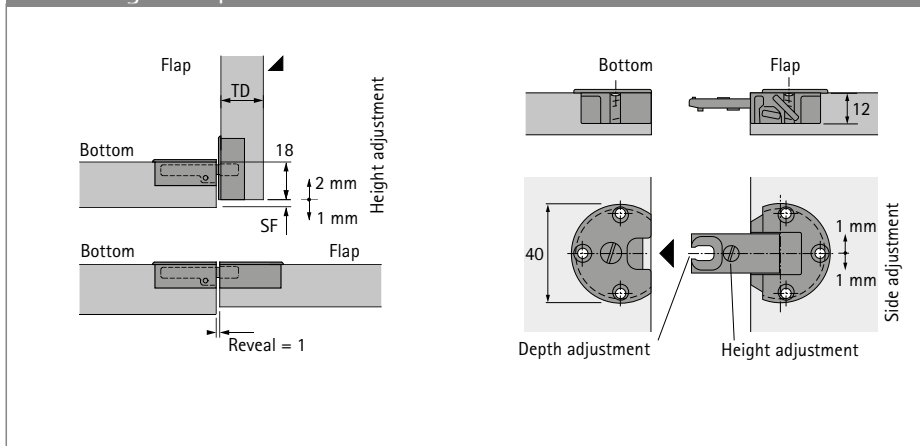


- Flap hinge for overlay flaps
- Quality classification under EN 15828, Level 2
- Separate installation of bottom panel and flap element
- Flap alignment through adjustment of height, sides and depth
- Same drilling sizes in bottom panel and flap elements
- Hole drilling concealed by rim on both parts
- Without height adjustment, bottom panel and flap are flush on the inside when open
- Can only be used in conjunction with flap stays
- Zinc die-cast nickel plated

Flap hinge Markant 11

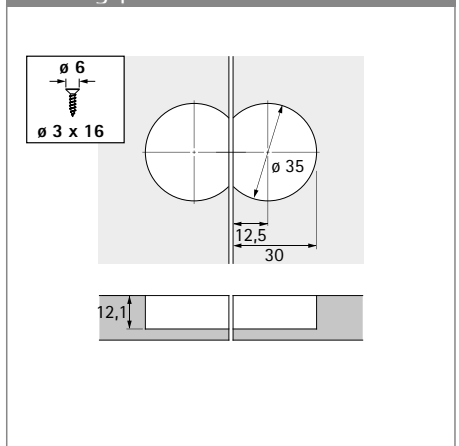
Version	Order no.	PU
without fixing screws	0 040 242	20 ea.
with fixing screws $\varnothing 3 \times 16$	9 046 483	100 ea.

Mounting example



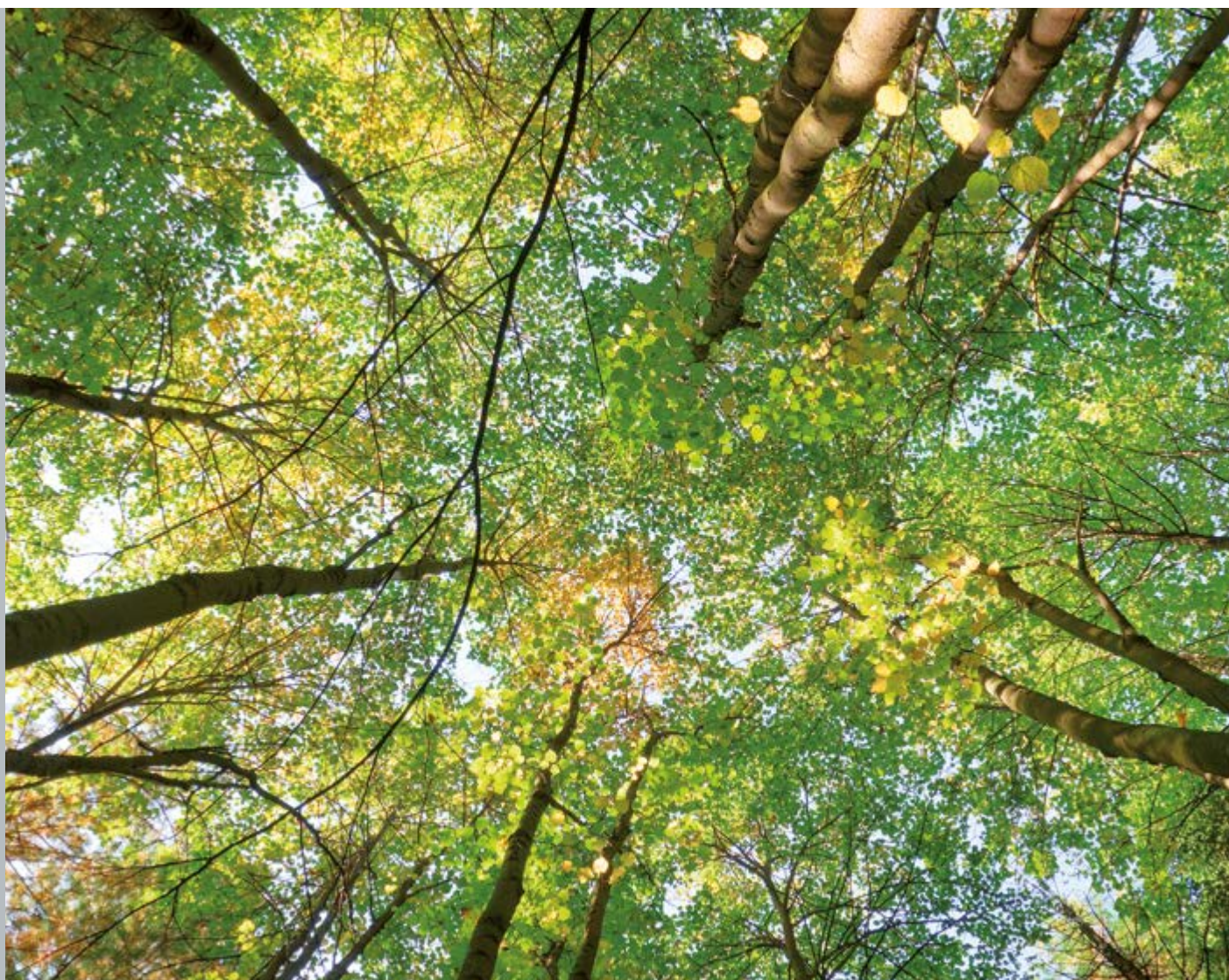
Flap thickness TD mm	Minimum reveal SF mm
16	1.0
17	2.0
18	3.0
19	3.5
20	4.5

Drilling pattern



Note





Hettich takes a responsibility for the world we live in. This awareness defines the strict policy of environmental management that we practise. Our environmental officer has taken personal responsibility for these aspects throughout the group of companies over a period of many years. In addition, a separate environment committee has been established for each production site. We regard statutory provisions as minimum requirements. At significant sites we also implement the stringent EMAS Regulation. And we drive forward developments that in future will help to save even more raw materials and support the necessary endeavours towards sustainability.

Hettich environmental management

In 1996 Hettich started introducing effective environmental management systems under the stringent EMAS Regulation (currently: EC Regulation No. 761/2001, including EN ISO 14.001/2004). This not only enables us to improve

our environmental performance on a broad front but also to achieve a high level of safety which, not least, also benefits our customers. This is why we also require our suppliers to meet the necessary minimum standards of environmental protection, industrial safety, health care and social welfare.

The results achieved in the drawer runner and drawer system product segment at the Kirchleugern operation in Germany illustrate the impressive effects these measures have and verifiably demonstrate our tireless endeavours to translate words into action:

Relief to the environment between 1997 and 2008:

Specific water consumption:	56 per cent
Specific power consumption:	21 per cent
Specific heat consumption:	84 per cent
Specific CO ₂ emissions:	29 per cent



Hettich standard for product materials

Hettich underpins its commitment by applying an internal standard for product materials. This ensures that every product – from production to disposal – satisfies all environmental requirements. Hettich products are durable. Appropriately foresighted, our rigorous standards are formulated to ensure that international legislation is also met. This provides a reliable base for marketing furniture worldwide.

Zero-energy building – Hettich Forum

The Hettich Forum building with its neutral energy balance is a shining example of future-proof building design. Photovoltaic panels and a solar collection system providing hot water as well as extensive roof greening and use of rain water underscore this building's overall sustainability concept in just the same way as the broad use of cellulose

insulation material from recycled newspapers, highly efficient heat recovery and the bulb-free lighting concept do.

With the Hettich Group having acquired European Commission GreenBuilding Partner status on 5 March 2009, the comprehensive approach demonstrated by the Hettich Forum has also convinced the adjudicating panel of the national "Green Building Award 2009". Hettich received the first prize to be presented in the "New Building" category.

Technik für Möbel



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