



QUALITY GUIDE



QUALITY & FUNCTION



CONTENTS

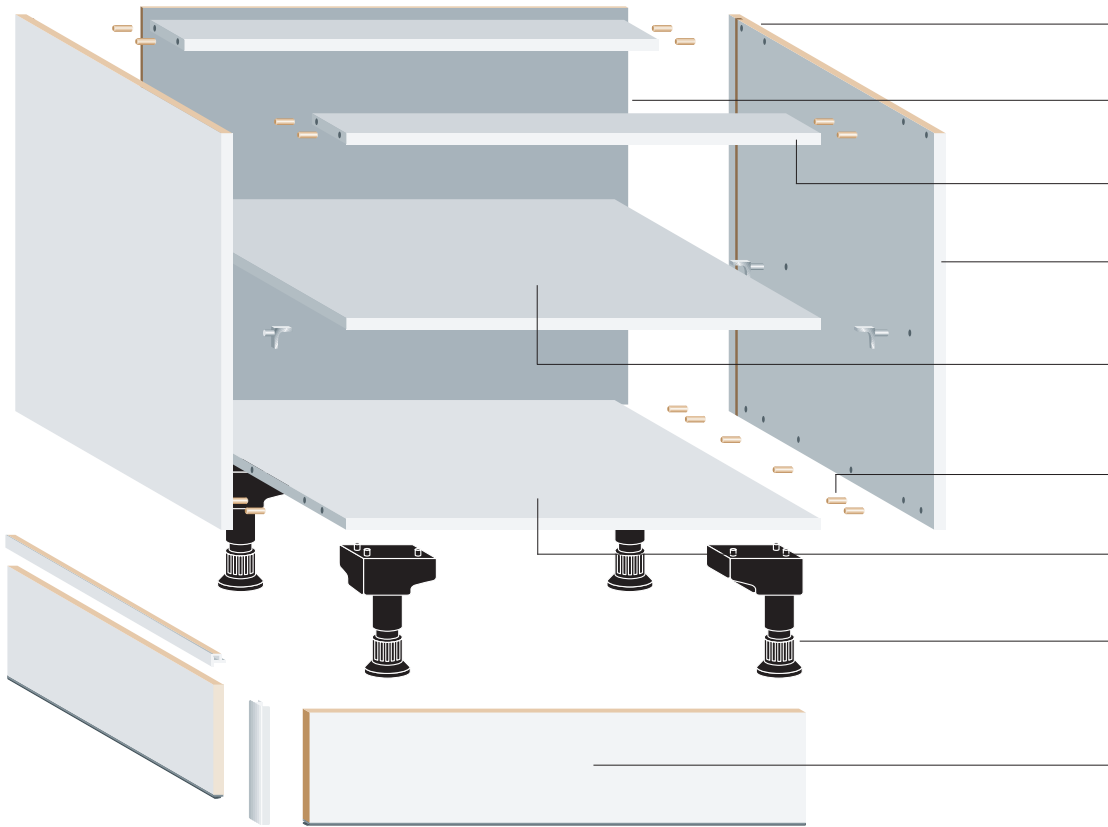
2 | 3



THE CARCASE	4 5
PRODUCT FEATURES OF CABINETS	6 7
THE PLINTH	8 9
HINGE TECHNOLOGY HINGED DOORS	10 11
DRAWER AND PULL-OUT SYSTEM	12 13
CARCASE DÉCORS FRONTS WORKTOPS UPRIGHT PANELS	14 17
XTRA - THE WORKTOP FOR EXTRA WEAR AND TEAR!	18 19
SYSTEM GRID SYSTEM HEIGHTS AND FRONT DESIGNS	20 23
STANDARD HEIGHT XL HEIGHT	24 25
PERFECT ERGONOMICS	26 29
THE HANDLE-LESS KITCHEN LINE N	30 33
DRAWER- PULL-OUT- BASE UNIT ORGANISATION	34 37
INDIVIDUALISED COMFORT	38 39
CORNER UNITS	40 41
TALL UNITS HIGHBOARDS	42 43
WALL UNITS DRESSER UNITS	44 45
WALL UNIT FITTINGS	46 47
INTEGRATED LIGHT DESIGNS EMOTION TECHNOLOGY COLOR SWITCH	48 49
AMBIENT LIGHTING SOCKETS USB CHARGER	50 51
COLOR CONCEPT DESIGN FRONTS	52 53
NICHE CLADDINGS CONVENIENCE FOR THE NICHE	54 57
NICHE PROFILES BASE UNITS IN SPECIAL HEIGHTS DESIGN VARIANTS	58 59
UTILITY ROOM ACCESSORIES	60 63
BATHROOM DESIGNS	64 67
POLE-MOUNTED SHELVING SYSTEM	68 69
PACKING INSTALLATION	70 71
QC-TEST LABORATORY	72 83
PRODUCT STRATEGY DESIGN	84 85
ADMINISTRATIVE SERVICES FIELD SERVICES MARKETINGPRODUCTION	86 87
PRODUCTION MADE IN GERMANY	88 89
QUALITY ENVIRONMENT CERTIFICATES	90 91

THOROUGHLY WELL-MADE

more than 3,500 different cabinets in highly automated production. The basis of production is an intelligent modular system with four base unit heights, four wall unit heights, five dresser unit heights, two highboard heights, four tall unit heights and three special heights for multi-functional designs.



Side panels 16 mm thick,
both faces melamine direct coated

Back panels 2.8 mm hardboard, both faces
lacquered, screw-mounted to carcass

Crossbars 19 mm thick,
both faces melamine direct coated

Carcass front edges
with PP thick edging (1.2 mm thick)

Shelf, 16 mm thick,
front edge with PP thick edging (1.2 mm thick)

Shelf and side panels glued in
with hardwood dowels (8 x 30 mm)

Construction shelf 19 mm thick,
both faces melamine direct coated

Plinth feet with height adjustment
-10 and + 20 mm

MDF plinth panels
with floor profile
70 mm, 100 mm, 150 mm, 200 mm
13 mm thick, melamine coated

1 CARCASS MATERIAL 16 MM

Side panels 16 mm thick,
both faces melamine direct
coated - thus, extremely
durable and easy-care.



6 ALL METAL SHELF SUPPORTS

All metal shelf supports with
locking pin, high load-bearing
capacity in accordance with
DIN standard. The locking pin
prevents the shelves from
shifting. Maximum load for
wooden and glass shelves:
50 kg/m².



Minimises complaints



Load capacity



Easy to assemble



Great value



2700K-
6500K

Emotion
Technology

2 FRONT EDGE OF CARCASE/ SHELVES

Carcase front edge and shelves coated with PP thick edging 1.2 mm. Extremely resilient and impact resistant. Attractive appearance due to soft rounding.



3 CONSTRUCTION SHELVES/ CROSSBARS 19 MM

Extremely sturdy construction shelves and crossbars for base and tall units. Top crossbars for base units: white edge colour for a uniform appearance.



4 MOISTURE DOESN'T STAND A CHANCE HERE

Edges on shelves and side panels sealed all round to ensure a clean finish and prevent penetration of dirt and moisture.



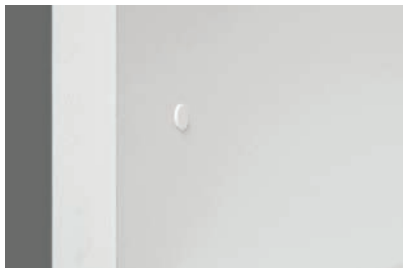
5 HARDWOOD DOWELS 8 X 30 MM

Shelves, construction shelves and side panels are glued in with hardwood dowels.



7 COVER PLUGS

Perfection, even inside the unit: The 5 mm drill holes can optionally be closed with plastic cover plugs. These are perfectly matched to the colour of the carcass interior.



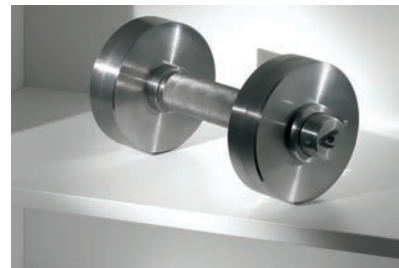
8 GLASS SHELVES

Glass wall units come standard with a 5 mm glass shelf for a uniform, transparent appearance. Units with swivel flap doors and folding-lifting doors have 6 mm thick glass shelves.



9 50 KG PER M² SHELF LOAD CAPACITY

It all fits! All shelves (including loose shelves) can hold a load of up to 50 kg/m². This is equivalent to, for instance, over 80 dinner plates.



10 REAR PANELS OFFSET TOWARD FRONT

2.8 mm HDF board, treated with protective lacquer coating on both faces. Back panels are also screw-mounted to the carcass in 6 mm deep grooved sides. Protruded back panels ensure good air circulation between the wall and kitchen furniture and thus will not get damp.



Advantages: No interior gap formation visible. Long-lasting, permanently sturdy, yet variable for the fitter on site. Both faces are lacquered, which prevents moisture absorption, and is thus mould-resistant.



561 mm
22 1/16"

522 mm
20 9/16"

IT'S WHAT'S INSIDE THAT COUNTS!

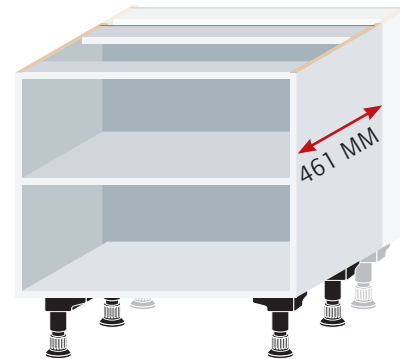
11 IT ALL FITS!

- Carcase depth for base and tall units: 561 mm
- Useable depth: 522 mm
- Maintenance-free fittings/easy-to-assemble

12 WATERPROOF BOTTOM PANEL

As extra protection against moisture, sinks and vanity base units can be equipped with a waterproof bottom shelf for a surcharge MP-WPB, Grey metallic.

There is no centre post for two-door sink base units.



13 SIDE DEPTH OF 461 MM ON BASE UNITS AT NO SURCHARGE

The side depth of 461 mm provides planning flexibility for planning of narrow room layouts without surcharges for custom productions.



14 MOISTURE PROTECTION SHELF

Optional: The moisture protection sheet for sink units and units subjected to tough conditions, for instance broom cupboards, prevents scratching of the bottom shelf by vacuums and other devices. Residual moisture protection for buckets, brooms or cleaning products.



15 WATERPROOF MAT WSMS

Additional moisture protection sheet beneath the sink: For optional use in sink base units and chamfered corner sink units. Made of easy-to-clean plastic, Slate grey. Suitable for elements without front pull-outs with a side depth of 561 mm.



16 STURDY METAL CROSSBARS

Cooker housing units, sink units, carousel corner units and 1.200 mm wide base units are exceptionally sturdy due to integrated metal crossbars. Hot plate and vanity base units upwards of 800 mm width are also equipped with a special reinforced metal crossbar.



17 FULLY USABLE

The odour trap recess cover for use in sink and vanity base units can be freely positioned. Thus, a recess for the odour trap is not necessary, which allows the entire pull-out to be utilised.



18 STEAM PROTECTION PLATE FOR DISHWASHERS

Tall units for raised dishwashers come standard with an extra deep steam protection plate.



19 STEAM PROTECTION PLATE WALL UNITS

Here, the heat doesn't stand a chance: optional steam protection plate for wall units adjacent to the cooker hood (DDS/4502).



20 CORNER BASE UNITS CAN BE DISASSEMBLED

Corner base units can be disassembled on site (i.e. UEK 90). This allows them to fit through even tight stairwells and narrow doors.



STEADY !

PLINTH ADAPTER

200 MM

150 MM

100 MM

70 MM

20 MM

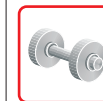
10 MM



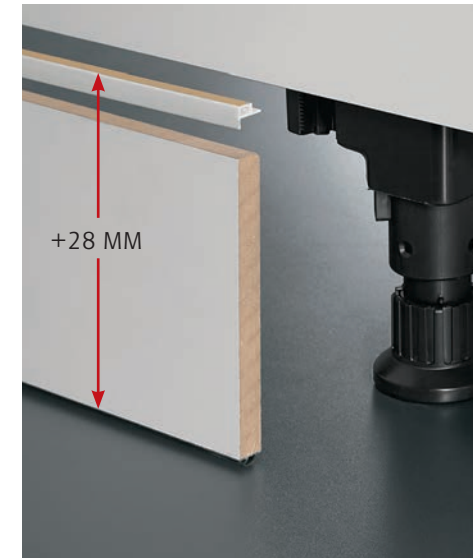
21 4 STANDARD-PLINTH HEIGHTS

- The sturdy plinth construction with adapters and feet comes in the standard heights 70, 100, 150 and 200 mm.
- Adjustable range: -10 to + 20 mm
- Intermediate heights (10 and 20 mm) are possible with adapter, see Sales Manual, chapter 3, MP-SO (order no. 4187).

- Plinth feet independently adjustable. Ideal for uneven tiled floors, as the cabinet always stands straight!
- Load capacity: 250 kg per unit / 4 feet.



Also suitable for use with granite worktops.



22 PLINTH RETURNS 28 MM ADDED

The fitters will be happy: By adding another 28 mm to plinth returns the fitter can adjust the panel on site.





SB-PROFIL 4863

23 PLINTH PANELS 13 MM

Plinth panels are produced from 13 mm MDF (= medium density fibreboard) and are direct coated. This makes them extremely resilient and easy to care for.



25 FLEXIBLE FLOOR SEALING PROFILE

Plinth panels with attached floor profile form an elegant closure with the floor and prevent the ingress of moisture and dirt into the plinth area. The profile included in delivery compensates for uneven floors with deviations of up to 2 mm.

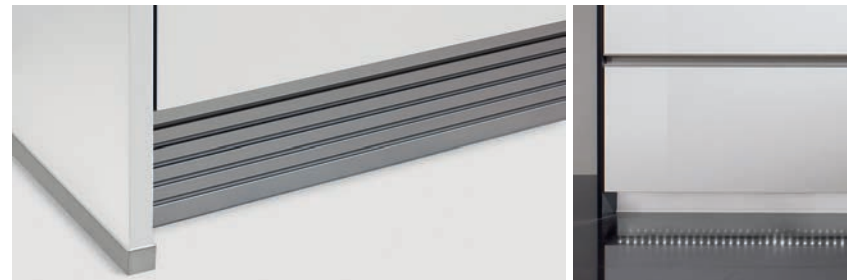
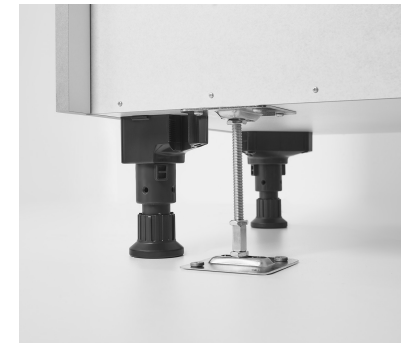
The profile SB-PROFIL (order no. 4863) must be ordered separately to compensate for uneven floors with larger deviations. On uneven floors, precise height and width adjustments are only possible on site!

26 WATERPROOF PLINTH PANEL

Waterproof plinth panels are available in a variety of colours for a surcharge. They are useful wherever there is a lot of moisture or dampness and they look fabulous as well.

24 JUST TO MAKE SURE

Stand-alone base units must always be equipped with safety bracket KIPPS. It is available in two designs and is supplied automatically with stand-alone base units at a surcharge.



27 SLATTED PLINTH OF ALUMINIUM

The slatted plinth is not only a stunning visual detail, but it also serves as plinth ventilation when using downdraft extractor fans.

- Can be planned in all four plinth heights
- Available colours:
 - 114 Stainless steel appearance,
 - 058 Black, 193 Alpine white

28 TERRIFIC EFFECT - PLINTH LIGHTING

This is how to highlight plinths: with the LED plinth light that can be individually mounted or with the Flex LED flexible light tape.

Sensys

PERFECT CUSHIONING, FLAWLESS DESIGN

The use of SENSYS hinges as standard equipment means even more quality and perfection in fittings technology. The multi-award-winning SENSYS hinge with integrated cushioning by Hettich marks the latest generation of hinge technology on the market. All kitchens come with SENSYS hinges as standard, without a surcharge, from the entry level price to the high end segment. Just one more way that the company offers innovative technology at a first-class value for money.

The SENSYS wide angle hinge was distinguished with the "red dot design award 2014" as well as the "iF product design award 2014" for its outstanding design.

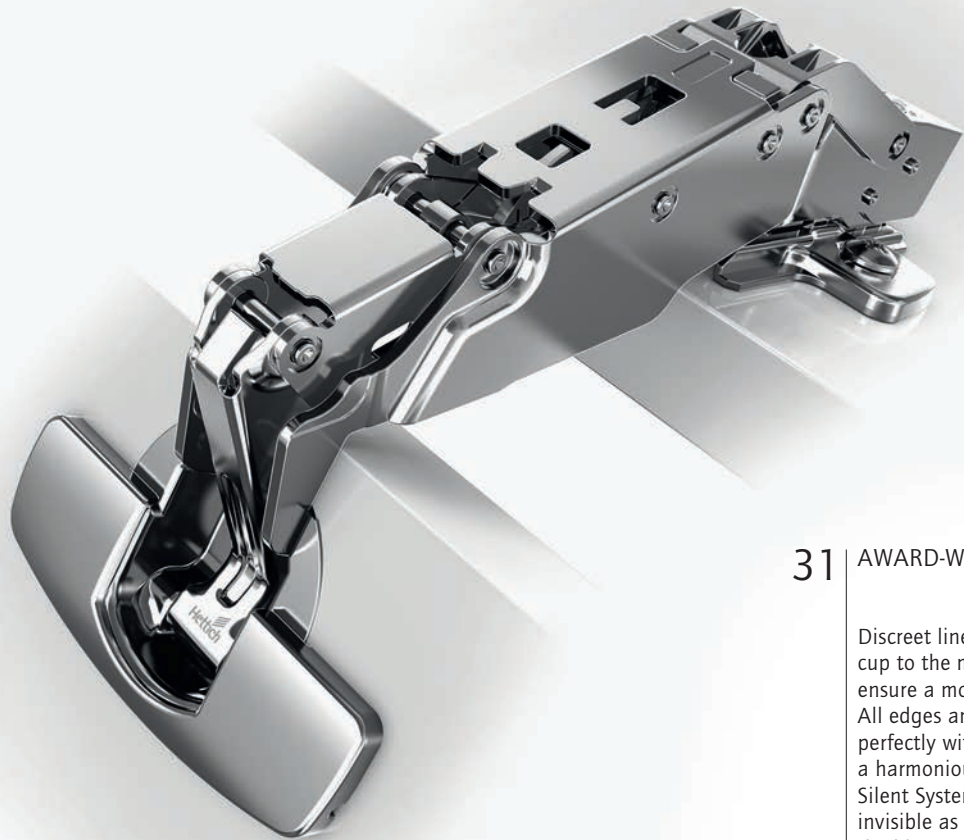


29 CLOSING COMFORT WITH EASE

The doors close with just a light movement of your hand – smoothly and silently. The unique, automatic self-closing device ensures secure closure upwards of an angle of 35°.

30 SILENT SYSTEM CUSHIONING

SENSYS hinges are equipped as standard with the SILENT SYSTEM integrated cushioning system. SENSYS always closes reliably, while providing cushioning for doors of varying sizes and weights.



31 AWARD-WINNING DESIGN

Discreet lines from the hinge cup to the mounting plates ensure a modern hinge design. All edges and radii coordinate perfectly with one another for a harmonious overall look. The Silent System cushioning is as invisible as the release tab of the hinge.



32 RELIABLE QUALITY

SENSYS ensures smooth, even closure within an unusually high temperature range of +5°C to +40°C as well as at a relative humidity of 90 percent. With at least 80,000 tested cycles, SENSYS stands for reliability and long service life.



33 INSTALLATION-FRIENDLY

Assembles or disassembles quickly and easily without tools by pressing lightly with your finger on the concealed release tab. Then, in one smooth, ergonomic movement the hinge is released from the release tab and hinge arm.

34 PERFECT ADJUSTMENT

SENSYS hinges are three-dimensionally adjustable. Thus, SENSYS always provides a perfect gap pattern in the kitchen, even on thick doors with small radii.



35 DOOR HINGE BUFFER

All fronts are cushioned as standard with 2 mm thick plastic bumpers on the door interior.



36 110°-HINGE FOR HINGED DOORS

Hinged doors are equipped as standard with 110° hinges with integrated cushioning. The large opening angle provides convenient access, allowing you to reach even into back corners.

37 95° HINGE FOR DIAGONAL CORNER WALL UNITS

95° hinges are used for diagonal corner wall units. The restricted opening angle prevents contact with the door handle of the adjacent unit.

38 85°-OPENING ANGLE LIMITER

The opening angle limiter on 95° and 110° hinges ensures safety when planning corner solutions, wall unit attachments and glass doors adjacent to the cooker hood. The limited angle also prevents contact between handles on corner units.

39 165°-WIDE ANGLE HINGE

Corner base units, corner wall units and units with internal pull-outs are equipped at the factory with 165° wide angle hinges. Opening angle limits (adjustable to 90°/135°) are supplied as standard equipment. Designs adjacent to upright panels are possible, except next to extra deep or protruding units.

40 PUSH-TO-OPEN SYSTEM

For handle-less planned kitchens, hinged doors can also optionally be equipped with the push-to-open system. The system can be retrofitted at any time.



Profi+ QUALITY BECOMES AN EXPERIENCE

41 METALLIC STEEL FRAME

The Profi+ drawer system has an extremely high quality steel frame, that gives it a gorgeous modern and timeless look. The frame has a double-coated silver finish, the colour-coordinated bottom panel is 16 mm thick.



44 SIMPLE ASSEMBLY AND ADJUSTMENT

The panels can be assembled and removed without tools, one-dimensionally and in a single motion: The panel is simply clipped on. A audible "click" confirms that the



drawer front is firmly in place.

42 EXCEPTIONALLY SMOOTH RUNNING ACTION

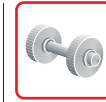
The drawer frame has an exceptionally smooth running action. The opening and closing noise is virtually imperceptible. The synchronous guidance guarantees absolutely even and seamless motion of the drawer runners.



45 JOINT PATTERN

The front panels can be adjusted quickly and easily. The front panel adjustment is simple to carry out, with instructions for vertical and horizontal movement clearly shown on the units themselves.

43 SYSTEM LOAD CAPACITY



Width in mm	Excerpt depth in mm		
	270	400	500
>/=600	30 kg	30 kg	30 kg
800-900	30 kg	40 kg	45 kg
1,000	30 kg	40 kg	55 kg
1,200	30 kg	40 kg	65 kg



46 GUIDES WITH PRISM PRINCIPLE

Drawer guides with unique prism principle. The prism principle guarantees an optimally aligned motion sequence and ensures high side stability as well as low sag rates.

47 HIGH-QUALITY DESIGN

The Profi+ frame shape conveys quality, durability and remarkable stability. The pull-outs are equipped with a rounded railing as standard.

Enclosed side panelling is available in steel or glass sides as shown below for a small surcharge. For internal drawers with steel or glass sides, the front panel is supplied standard in a glass design.



48 HIGH-QUALITY WORKMANSHIP

Profi+ inspires with its high-quality workmanship. The connections between front panel, rear panel and frame as well as that between drawer and guides are sturdy and secure.

Profi+ drawer system represents an innovative product highlight of the highest calibre, which sets the standard on the kitchen market. The award-winning Profi+ system impresses due to its outstanding motion comfort, extraordinary stability, superior quality design and added storage space. Moreover, Profi+ scores points for simple installation and convenient adjustment.



49 INNOVATIVE CUSHIONING SYSTEM

Super comfort with silent closure. The newly developed standard cushioning system ensures a smooth closing movement every time. In the last stage of the closing process, the movement slows down similar to a slow-motion effect and closes silently.

The adaptive cushioning is effective for both empty as well as fully loaded drawers. Drawers open virtually effortlessly for comfortable and simple use, even with handleless fronts.

50 EASY-TO-CLEAN

Particularly easy-to-clean due to flush-surface integrated soft edges in the drawers.

51 ASSEMBLY WITHOUT TOOLS

Due to the quick assembly and removal, Profi+ drawers are very fitter-friendly, easy to clean and suitable for relocating.



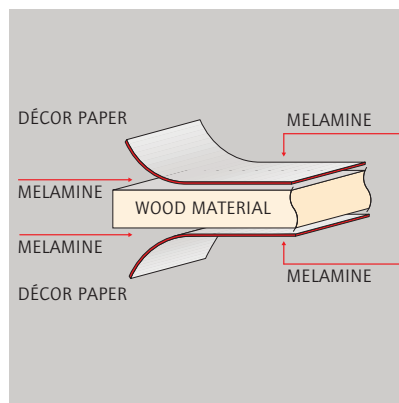
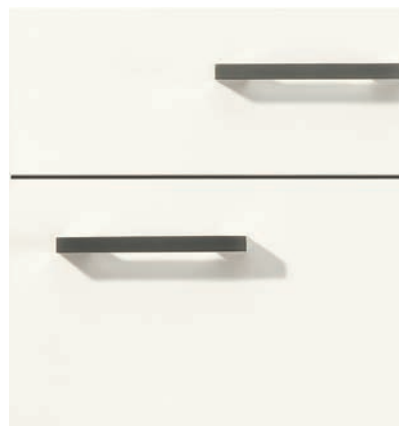
52 OPENING SUPPORT MECHANISM

Electromechanical or sensor operated systems facilitate the opening of pull-outs. For instance, a slight touch of the knee to the waste collector is sufficient to open the pull-out. Thus, there is no need to touch the door with full or dirty hands.

WHAT TYPE OF WOOD IS MY KITCHEN MADE FROM?

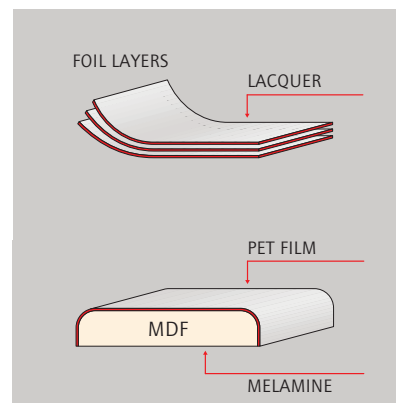
53 CARCASE DÉCORS – CLEANLINESS FIRST

- Interior carcass colour: standard = White.
- Bright interior: good overview, everything is easier to find.
- End customers connect White with factors such as hygiene, cleanliness, health.
- Carcase colour exterior: In your choice of 14 trendy carcase colours
- Wall units with glass doors, shelf units and dresser units with plastic or glass roll-up fronts are supplied with both sides in carcase décor (inside and outside) at no surcharge. This eliminates the need to specify which side will be visible.
- No surcharge for exterior décors. And with a later relocation, all units can be repositioned.



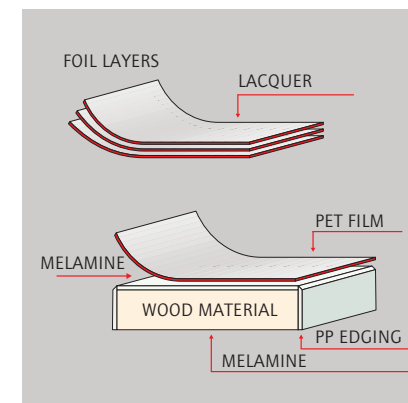
54 MELAMINE DIRECT COATED

- Optimal for kitchen furniture
- Extremely resilient
- Surfaces could contain fine textures which only enhance the beautiful wood reproduction appearance.
- Easy-care
- Affordable



55 LACQUERED LAMINATED FRONTS

- Lacquered PET film
- High gloss or softmatt version
- Smooth front vertically seamless
- In the framed version rounded on all sides and without seams
- Attractive alternative for genuine lacquer fronts
- Outstanding value for money



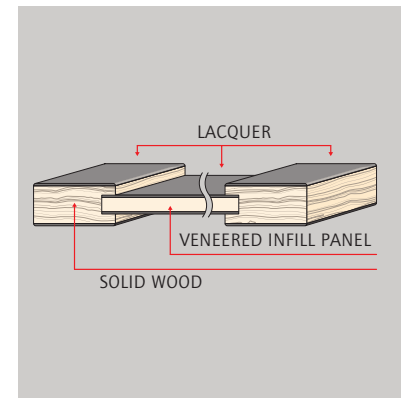
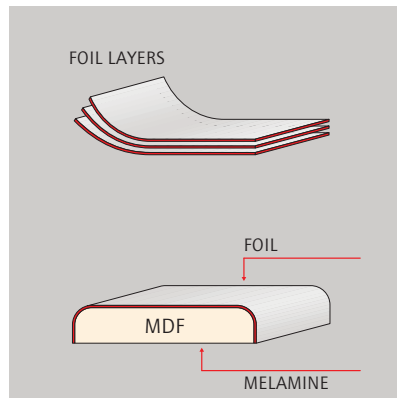
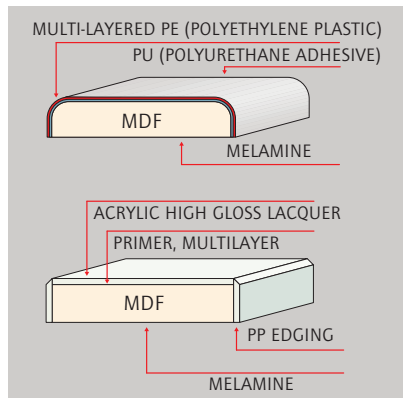
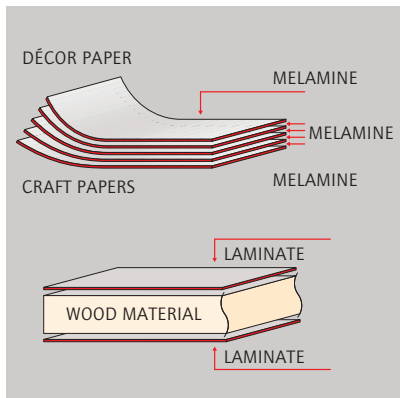
56 LACQUERED LAMINATE FRONTS WITH ANTI-FINGERPRINT COATING

- Ultra matt with PP edging on all sides
- Extremely resilient
- Outstanding care properties thanks to innovative anti-fingerprint coating
- Wear-resistant and highly cross-linked functional layer



QUALITY FOR ALL PRICE GROUPS

State-of-the-art processing technologies and the highest quality materials speak in favour of the entire spectrum of fronts and carcases. Here, we will show you the characteristics and advantages of the selected materials.



57 LAMINATE FRONTS

- Extremely resilient
- The surface is multi-layered and therefore thicker than the melamine front.
- Sturdier than the melamine fronts
- Easy-care

58 LACQUER FRONTS

- Pure material appeal
- Hard-wearing, easy to clean
- Seamless front faces in honed lacquer and high gloss lacquer
- Fronts in ultra high gloss with PP edging on all sides
- Honed lacquer with slight texture, for better scratch-resistance

59 FOIL-COATED FRONT

- Seamless rounding on all sides possible
- Extremely resilient
- Also ideal as a framed front, seamless front face
- An attractive alternative to genuine wood or lacquer
- Outstanding value for money

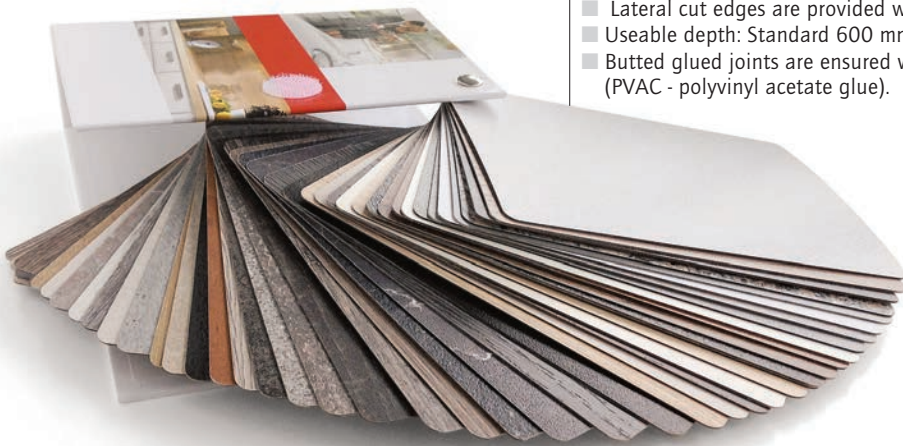
60 GENUINE WOOD FRONTS

- Genuine wood framed door with veneer infill panel, lacquered
- Panel made of solid wood, lacquered
- Due to the lacquer coating the surface is hard-wearing and easy to clean
- Upper price structure

OUR WORKTOP IS THE TOUGHEST!

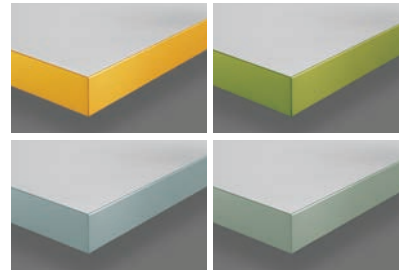
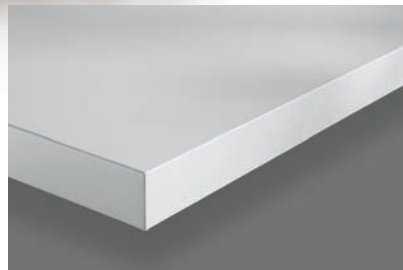
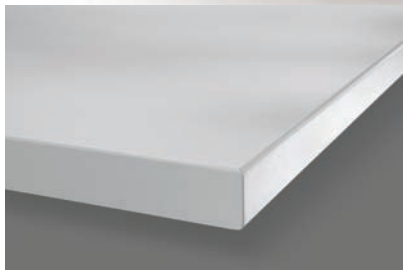
worktops are distinguished by outstanding functional value.

- The substrate of the 38 mm thick worktop is high quality 3-layer chip board.
- They are coated with hard-wearing plastic laminate panels (HPL high pressure laminate and CPL continuously pressured laminate surfaces).
- Lateral cut edges are provided with décor edging.
- Useable depth: Standard 600 mm up to max. 1,170 mm, 1,200 mm for N edge
- Butted glued joints are ensured with waterproof D3 glue (PVAC - polyvinyl acetate glue).



61 THE SURFACE: SUPER TOUGH!

Worktop surfaces demonstrate a high degree of resistance to scratching and abrasion in accordance with DIN standard 68930. This is to ensure that the worktops can withstand the wear associated with conventional household use.



62 N EDGE

The panel is laminated around the rounded front edges. The sides can be finished with 1.5 mm thick décor edging or inset N edge (for a surcharge). For optimum protection against moisture the N edge is sealed over the transition to the bottom face.

63 DÉCOR EDGE

Décor edges are 1.5 mm thick PP plastic bandings available in any worktop décor or COLOR CONCEPT colour. The PP bandings are glued with waterproof PUR adhesive.

PP front edges enable individualised freeform surfaces for worktops, tables and breakfast bar attachments.

64 WELL PROTECTED: AGAINST MOISTURE AND HEAT!

The bottom face of the worktop is surfaced with a water repellent, resin impregnated paper and has a moisture protection seal along the rear edge. Heat resistant up to 180°C with dry heat and up to 100°C with moist heat (DIN 68930). Nevertheless, hot pans should always be placed on top of a trivet. Cutting boards should always be used for chopping food items. To seal sink and hot plate cut-outs, worktop sealing tape with respective instructions is automatically included in the delivery. All worktops are also supplied with a 9 metre long worktop sealing tape for worktop cut-outs as well as for insulating the worktop above dishwashers.



65 | WORKTOP SLIM LINE 16 MM

Slim Line worktops have a high quality laminate coating on both faces. Greater practical utility due to HPL and CPL surfaces. Décor edges all around in 1.2 mm.

66 | CONSOLE PANEL 100 MM

Creating small dining areas and breakfast bar solutions is effortless with 100 mm thick console panels. They are coated with laminate on both faces and are polymer edged all around. maximum depth: 1,200 mm, maximum height: 1,800 mm. 50 % of the console panel must rest on the support panel. Unfortunately its not possible to have built -in hobs and sinks into the 100 mm console panel.

67 | UPRIGHT PANEL SYSTEMS: 87 DÉCORS IN 3 MATERIAL THICKNESSES AND 8 DESIGNS

upright panel systems are available in 87 décors and in 10, 16 mm, 25 mm and 50 mm widths. Available product range dependent upon material thickness: upright panels, wall shelves, top shelves, plinth panels and cornice shelves. For details see chapter 02 design overviews. Upright panel shoe available in 2 colours: 014 Stainless steel appearance 010 Black



reddot award 2018
winner

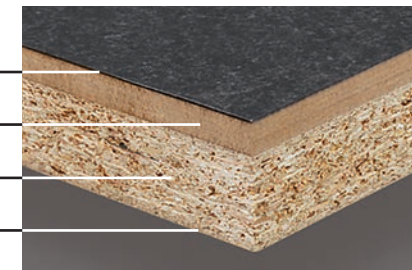


XTRA LAMINATE 1.2 MM

FUNCTIONAL LAYER 9.4 MM

CHIPBOARD CORE 28.0 MM

STABILISING LAYER



XTRA

Our Xtra worktop décors impress with their very distinctive 3D surface texture, which creates an authentic looking natural stone or solid wood appearance. Matching upright panels and niche cladding are additional possibilities for surround designs in this look. Xtra worktops are so much more than just stylish, they also offer superior practical benefits, such as enabling flush-mounting of sinks and hot plates. The Xtra worktop is patent-protected and was awarded the "Kitchen innovation of the year 2018"

68 3-D SURFACE

Xtra worktops are characterised by a special 3D surface, which has the appearance of natural stone or solid wood. The 3D surface is achieved with an extremely thick laminate (1.2 mm instead of 0.8 mm). Xtra worktops thus achieve exceptionally authentic reproductions while providing all the advantages of a conventional HPL worktop. They can be adapted on site and are significantly lighter in weight as well as easier on the wallet than genuine natural stone.

For further information please refer to the Sales Manual, chapter 2.

69 INNOVATIVE MULTI-LAYERED CONSTRUCTION

Thanks to their innovative multi-layered structure, not only do Xtra worktops look stylish, they also provide practical advantages and enable flush mounting of sinks and hot plates.

70 XTRA – SWELLING RESISTANT

The innovative functional layer prevents water from seeping into the worktop from above and thus also prevents swelling. The work-top is even more water-resistant than conventional worktops.



73 XTRA – DURABLE, IMPACT RESISTANT

The innovative wear layer ensures the exceptional sturdiness of the panel. In this way, Xtra worktops in 38 mm thickness are especially suited to stand up to the demands of everyday kitchen wear and tear.

71 FLUSH MOUNTED INSTALLATION

The milled-out portion for the flush mounting of hot plates and sinks is in the functional layer. This achieves optimal water resistance. The smooth transition between worktop and sink or hot plate has no protruding edges. This not only creates an exceptional aesthetic, but it also makes cleaning a breeze. Flush mounting of hot plates and sinks is not possible in Slim Line worktops or console panels.

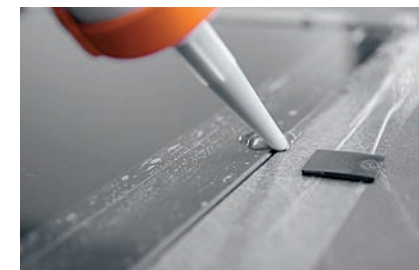


74 FLUSH MOUNTED CUT-OUTS

The appropriate cut-outs for flush mounting can be made at the factory for a surcharge. Flush cut-outs can only be made for technically approved hot plates and sinks. You will find a selection of hot plates and sinks approved for this in the respective chapters of the appliances and sinks list. They are identified with a symbol. Moreover, additional technically approved hot plates and sinks outside of the product range can also be flush mounted.

72 DÉCOR DESIGNS

- Available in 4 décors
- maximum length: 4,000 mm
- Xtra décors are available in 38 mm thick worktop finishes as 16 mm Slim Line and as 100 mm thick console panel.
- Xtra décors are also available as upright panels in 16 mm, 25 mm and 50 mm widths.

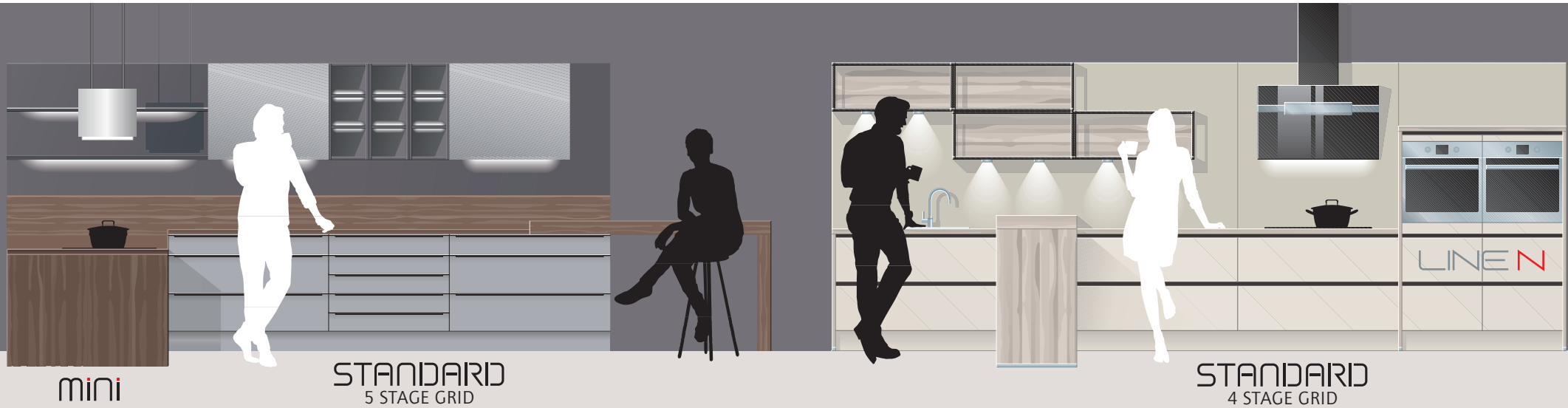


75 SIMPLE INSTALLATION

In developing the Xtra worktop, it was important to us – alongside the functional features – that on-site installation could be performed simply and safely. Compared to conventional installation, there are only three additional steps necessary: masking, positioning and sealing. Included in the kitchen 'bits box'

that we provide, are a premium silicone for natural stone, a adhesive smoother, adhesive tape and spacers in 1 and 2 mm as well as detailed installation instructions.

MADE TO MEASURE KITCHENS

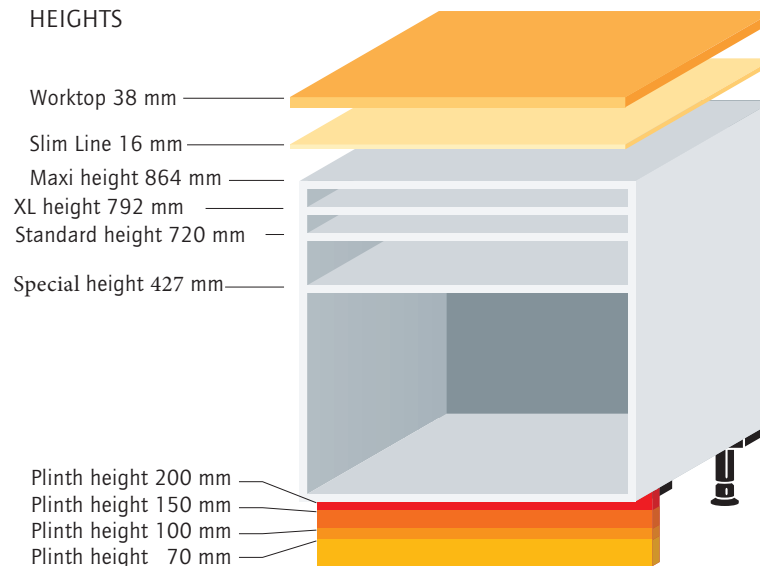


The diversity of our system heights allows for a perfect union between different individual requirements for organisation, storage space, ergonomics and design. Design-oriented kitchen planning, combined with the respective optimum height for the main tasks that make up the daily routine in the kitchen - both technically and ergonomically perfect!

76 32 ACTIVITY HEIGHTS

Our range ensures design-oriented kitchen planning coupled with the right activity height by offering a total of 32 different working heights. The 32 different activity heights are achieved through a combination of four base unit heights, four plinth heights and two worktop heights, which perfectly meets the ergonomic needs of today's kitchen users for the various activity zones in the kitchen. The right size for every task.

HEIGHTS



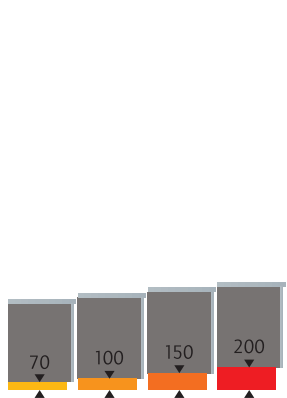
77 4 BASE UNIT HEIGHTS



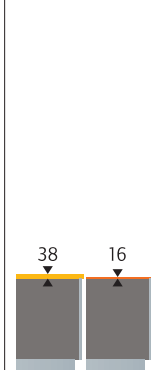
All measurements are in mm.



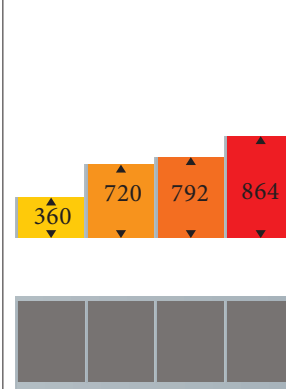
78 4 PLINTH HEIGHTS



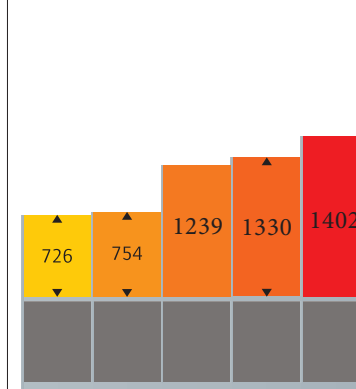
79 2 WORKTOP HEIGHTS ONLY LAMINATES



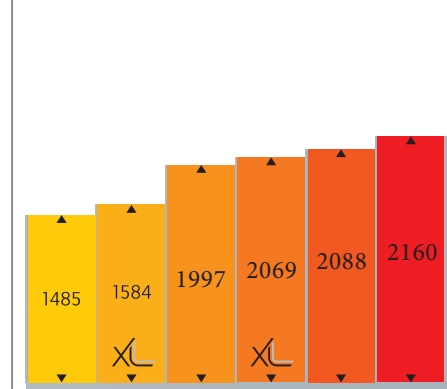
80 4 WALL UNIT HEIGHTS



81 5 DRESSER UNIT HEIGHTS



82 6 TALL UNIT HEIGHTS



W-3
864 MM

W-2
792 MM

W-1
720 MM

359 MM

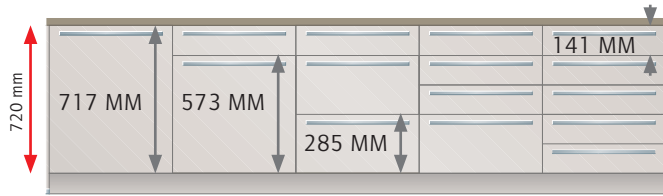


576 MM	720 MM	792 MM	864 MM	1,485 MM	1,584 MM	1,997 MM	2,069 MM	2,088 MM	2,160 MM
MINI	STANDARD	XL	MAXI	HIGH-BOARD	HIGH-BOARD XL	H1	H1-XL	H2	H3
HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT	HEIGHT				

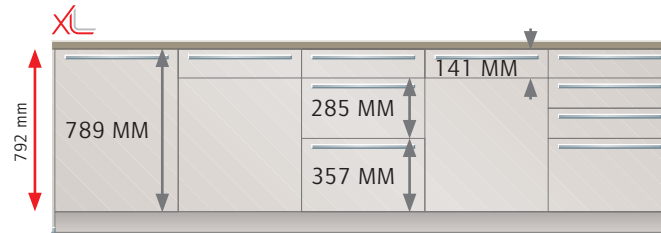
Which front design is my favourite and which working height is best for me in order to perform all kitchen activities in a relaxed and normal posture? This system comparison shows you all the various front divisions of the different unit systems, as well as the different activity heights. Choose between carcasses in standard height 720 mm, XL height 792 mm and Maxi height 864 mm. The activity heights can be individually fine-tuned by combining with 4 different plinth heights for all systems (70, 100, 150, 200 mm), and 2 worktop heights in 16 and 38 mm. The right size for every task. The individual systems are assigned different drawer and pull-out heights depending on their front design. All drawers are based on the classic 5 stage grid and the modern 4 stage grid. The XL height comes with a combination of 2 pull-out heights. The Maxi height is optionally available with 5 stage or 4 stage grid.



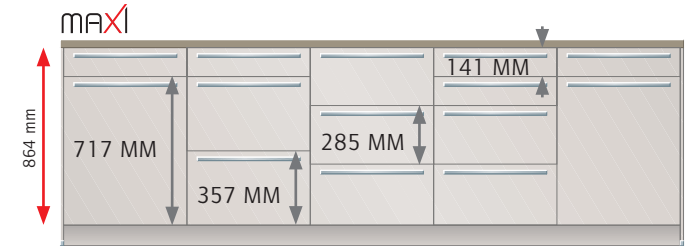
STANDARD HEIGHT: 720 MM HIGH, WITH HANDLE
5 STAGE GRID



XL HEIGHT: 792 MM HIGH, WITH HANDLE



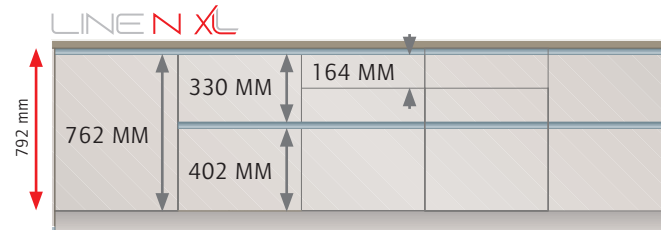
MAXI HEIGHT: 864 MM HIGH, WITH HANDLE



STANDARD HEIGHT: 720 MM HIGH, HANDLELESS



XL HEIGHT: 792 MM HIGH, HANDLELESS



83 STANDARD SYSTEM HEIGHT: 720 MM

The standard height of base units is 720 mm. There are two different front designs available for planning at this height. With a 5 stage grid, the standard height is divided into a maximum of five 141 mm high drawers. This arrangement is the first choice for classic front designs. Then, there is the 4 stage grid available with a maximum of four 177 mm high drawers. This front design features mainly where there are contemporary and markedly international lines in the kitchen.

The standard height is also available for handleless LINE N kitchens. Worktop heights: 806 to 958 mm, body height: from 150 cm.

84 SYSTEM HEIGHT XL: 792 MM

The new generation of kitchens in XL grid beautifully merges optimum storage space, a higher activity zone, and a balanced, aesthetic front design. The carcass height is 792 mm and thus provides roughly 10 percent more storage space than standard height.

The XL height is also available for handleless LINE N kitchens. Worktop heights: 878 to 1,030 mm, body height: from 175 cm.

85 SYSTEM HEIGHT MAXI: 864 MM

The Maxi height is based on the standard height base unit plus a drawer. Which is why this height combines so well with the standard height. With a total carcass height of 864 mm, the Maxi height is perfect for raising specific individual activity zones. For maximum storage space requirements or particularly tall users, entire kitchens can be planned in Maxi height.

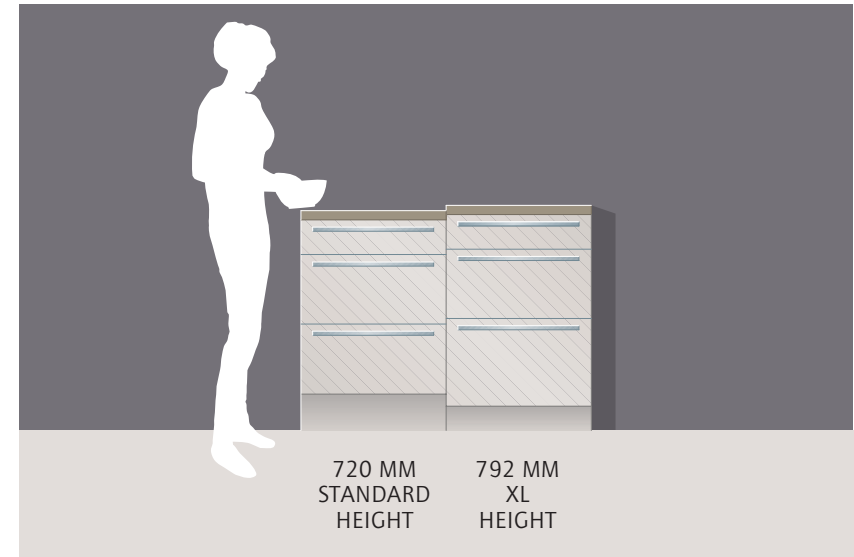
Worktop heights: 950 to 1,102 mm, body height: from 180 cm.

STANDARD CARCASE | XL CARCASE



86 EFFICIENT STORAGE SPACE ORGANISATION

Nowadays people are growing taller. While at the same time, living spaces are getting smaller – especially in urban settings. For this reason, many buyers are very concerned with efficient storage space and ergonomics when planning their new kitchen. By the way, storage in base units can be organised particularly efficiently: No other unit category has such an extensive selection of functional fittings and interior organisation possibilities available as here. Thus, there are some great functional advantages here.



The decision to purchase a new fitted kitchen is based on many different factors, since a customised kitchen design must take many facets into consideration if it is to be perfectly tailored to the needs of your customers. When it comes down to providing more convenience, ergonomics and planning options, then, offer your customers the best possible design possibilities with the new XL height.

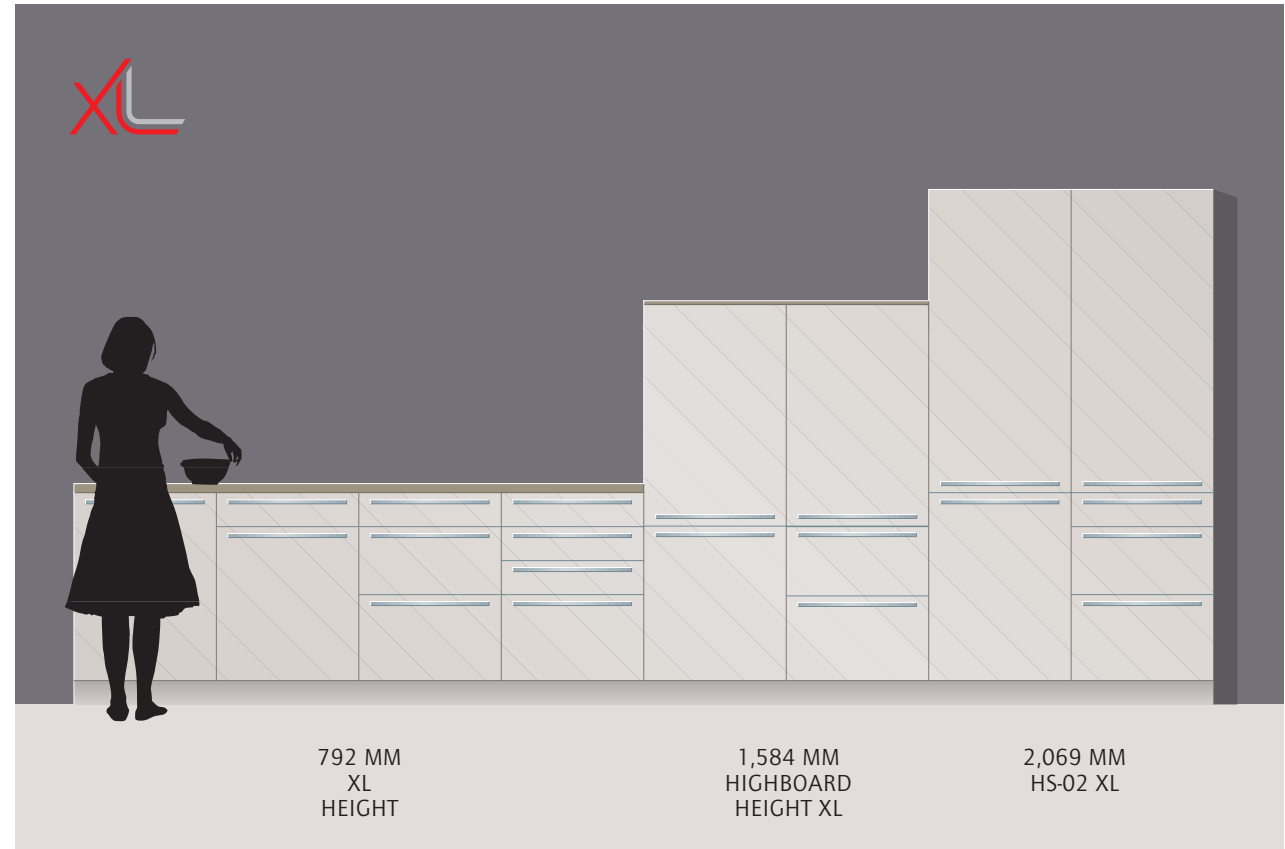
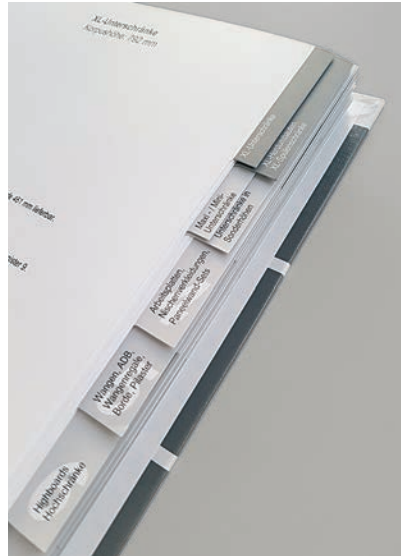
The new XL height in base units provides 10 percent more storage space than standard height, and with it, even more possibilities for accommodating kitchen utensils and supplies. It also benefits the user by forming a perfect synthesis between the desire for ergonomics and the need for storage.

87 XL CONVENIENCE FOR EVERY USER SIZE

XL creates 10 per cent more storage space – while only minimally changing the activity height. The XL carcass is thus not only (but also) ideal for taller people. For XL, one can simply use the next shorter plinth. It's as if the storage space has extended into the plinth while the activity height remains almost unchanged.

88 THE PERFECT DRAWER HEIGHT

The 141 mm high drawer provides enough room for storing large-size kitchen utensils. Even the soup ladle and egg whisk have found a place here. The most important kitchen equipment is easily accessible at all times right where you need them most, namely, near the hot plate.



89 ONE FOR ALL

- The new XL height is completely integrated in our kitchen system as an additional system height. There is no need for a separate product list for planning and ordering.
- In order to make the arrangement as easy as possible, we have used a dark grey colour for the XL chapter tabs.
- The abbreviations are easy to remember: Simply add an X to the existing abbreviation, thus:
 XL Base units U*-X, XL Cooker housings HU*-X,
 XL Hot plate units K*-X, XL Highboards, 1,584 mm high H*-X,
 XL Tall units, 2,069 mm high H*-02X

90 ERGONOMICALLY PERFECT

In terms of optimising space as well as activity heights, the XL base unit height is the ideal size between the standard height and the Maxi height of our vast kitchen system. In addition, XL tall units and XL highboards are available to pair with the XL height base units to continue the uniform line of the kitchen. All three base unit heights - standard, XL and Maxi - can be adapted to the individual ergonomic requirements of kitchen users by combining with four different plinth heights and two worktop thicknesses. We also have a Mini height available for lowering individual activity areas.





91 | ERGONOMICALLY CORRECT KITCHEN DESIGNS

When deciding upon the proper working height for the individual kitchen activities, it is not the height of the body which is decisive, but rather that of the elbow. With a modern measuring device such as the AMK Ergonometer the ergonomically correct working height can be determined precisely and quickly.



92 | SINK IN MAXI HEIGHT

For a sink, the active surface is actually the base of the sink. This is why it should be planned at a height above the normal working height. Optimally, the sink bottom should reach 100 to 150 mm below elbow height. This relieves the pressure in the spinal discs.

An ergonomically well-planned kitchen always meets personalised needs. It is the perfect adjustment of the kitchen architecture and kitchen organisation to people and their work flows.

Here are several points which should be taken into consideration:

- The ergonomically correct working height for the individual tasks in the kitchen is essential to ensure healthy and relaxed kitchen activities.
- In order to take the stress off the spine it is also important to alternate postures. This means, in addition to standing workspaces, a seating area for preparatory work should also be incorporated.
- Electrical appliances should be planned at heights comfortable for viewing as well as reaching.
- Plan on including base units with full pull-outs as these offer plenty of clearly arranged storage space and are easily accessible.

- Electric opening support mechanisms and silent closure cushioning on base units provide additional convenience.
- Wall units with flaps, folding/lifting doors or swivel flap doors make opening and closing easier and also provide headroom.
- For angled kitchens, it is preferable to plan corner units for optimum use of storage space.
- Good lighting is indispensable in the kitchen. Whether it be in the niche with a good task light, in base and wall units or in the dining area.



93 PREPARATORY WORK AT STANDARD HEIGHT

The standard height of 720 mm used in this planning example is only intended for the preparatory work area. Depending upon the plinth height, this activity height corresponds to the normal posture of average size persons while performing preparatory activities in the kitchen.

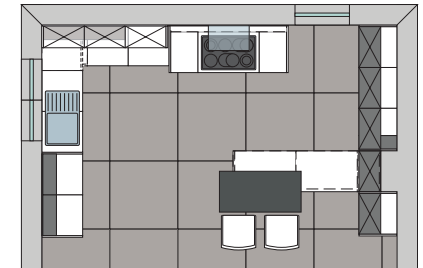


94 HOT PLATE AT MINI HEIGHT

The actual activity height for cooking is the upper edge of an average height cooking pot/pot sitting on the hot plate. Optimally the carcass at mini height should fall approx. 250 mm below elbow height. This facilitates relaxed cooking since stress is taken off of shoulders and arms.



The U-shaped kitchen shown with attached island for preparatory work and with a dining area is planned such that only short walking distances are necessary in normal everyday kitchen use. This is demonstrated particularly well in the main kitchen run with hot plate, cooking preparation and sink areas. The raised electrical appliances and the plentiful storage space have also been sensibly grouped in terms of ergonomics and are thus easily accessible. Here, we introduce you to ergonomics with numerous sensible functions and details in a space of merely 16 m².



95 RAISED ELECTRICAL APPLIANCES

Electrical appliances at user-friendly heights make loading and unloading extremely convenient, ensure that kitchen activities are easier on the back and prevent back problems.



In addition to ovens, steam cookers, dishwashers or fridges, even microwaves and coffee machines can be integrated at ergonomically correct heights.

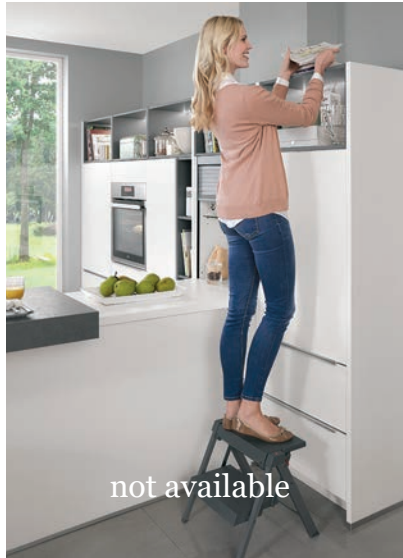


Thus, no valuable workspace on the worktop is wasted, and the everyday kitchen routine with all its activities is guaranteed to be relaxed.



96 PHARMACIST PULL-OUT

The larder unit, with cushioned opening and closing, glides quietly in and out of the carcass until the movement is gently damped. Everything is clearly arranged and can be accessed from both sides. The height of the baskets can be adjusted and upon request they can be equipped with side glass panels.



97 FRONT PULL-OUTS

Front pull-outs offer the convenience of easy accessibility, optimum use of storage space and customisable organisation possibilities. You are spared the wearisome stooping that is necessary with hinged door units.

Special pull-out organisers can be found on page 35.

98 HEADROOM

Wall units with flaps, folding/lifting doors or swivel flap doors offer a great overview of contents and are freely accessible, since no open doors are in the way. The new generation of cooker hoods also guarantees optimum headroom, even for taller people, due to the slanted extraction surface of the hood.

99 STEPLADDER

A step ladder is indispensable when you want to reach the uppermost compartments of highboards and tall units. Folded up, the step ladder can be stowed away practically in a bottom full pull-out.

100 OPENING SUPPORT MECHANISM LIBERO

With the sensor-operated opening support mechanism Libero for the waste separation systems Separato-K, Separato-M, Cargo frame and Syncro, the front pull-out can be opened slightly with the simple touch of a foot via a sensor in the plinth. The integrated feature light can be dimmed or switched off; the light intensity is adjustable.

101 OPENING SUPPORT MECHANISM SENSOMATIC

The electro-mechanical opening system Sensomatic for drawers and front pull-outs functions by lightly touching the front. As though moved by an invisible hand, the pull-outs open through an electro-mechanical mechanism on the rear of the carcass and thus make opening easier.

102 ROLL-UP FRONT DRESSER UNIT WITH TRIPLE SOCKET

An electrical connection right where you need it - roll-up front dresser units have an integrated triple socket and offer convenient storage for mobile small kitchen appliances. For an overview of plugs that are available, please refer to the accessories list, chapter 2.

not available

check for availability from 3rd party

not available

THE HANDLE-LESS KITCHEN LINE N

Modern designer kitchens appear large with straight lines. High quality lacquer fronts or perfectly crafted matt fronts with seamless, laser-welded edges are best shown to advantage without handles. Handle-less fronts automatically create the impression of a linear and uniform appearance. It is no wonder, then, that handle-less kitchens have advanced to the ranks of new designer kitchens. Of course, handle-less kitchens are not really without handles. The ergonomically shaped recessed handles are perfectly positioned on the carcass to enable comfortable access to doors, drawers and pull-outs.

RECESSED HANDLES: DESIGN AND MATERIAL

- The handle profile is anodised aluminium and is available in eight colours.
- End caps as well as inner and outer corners are made of plastic in a matching colour, lacquered in a stainless steel finish.
- Carcase side panels are routed and thus ready for mounting the recessed handles.
- Handle profiles are cut to size and ready for mounting, with straight cuts and mitre cuts for inner and outer corners.
- L profiles on base units and highboards can be optionally equipped with an LED light design for a surcharge.

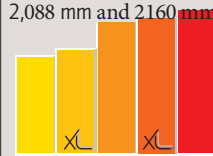
4 BASE UNIT HEIGHTS
360 mm | 432 mm | 720 mm
792 mm



3 WALL UNIT HEIGHTS
360 mm | 720 mm | 864 mm



6 TALL UNIT HEIGHTS WITH
VERTICAL AND HORIZONTAL
RECESSED HANDLE 1,485 mm |
1,584 mm | 1,997 mm | 2,069 mm |
2,088 mm and 2160 mm



103 LINE N THE PRODUCT RANGE

- LINE N kitchens are available in 12 ranges and 46 front designs.
- Wide price range from the introductory price level in price groups 2 to 4 and up to the high end price group 9.
- Extensive range of units with 4 base unit heights, 5 tall unit heights and 3 wall unit heights.

- No separate distribution line, but rather fully integrated into the range; clearly arranged in a separate chapter.
- The kitchen block pricing method also applies to LINE N kitchens.

104 RECESSED HANDLES L AND C PROFILE

- As a rule, L profiles are used beneath the worktop on base units and beneath the top shelf on highboards.
- The recessed handle with C profile is used between the fronts on base and tall units.

105 RECESSED HANDLES HORIZONTAL

- The maximum profile length for horizontal recessed handles is 4,000 mm.
- The horizontal handle profile as well as the required mounting materials, 90° corners and end caps are included in the unit price.

106 RECESSED HANDLES VERTICAL

- Vertical recessed handles are supplied in suitable lengths for highboards and tall units.
- They are designed and invoiced individually and are not included in the price of the units. They are available as intermediate and end profiles. The planning width is 25 mm.



107 ROUTERED OPENINGS

Milled openings are used on connections to walls, front fillers, end uprights, front end uprights and continuous profiles for the transition from C to L profiles.

108 PROFILE END CAPS

The profile end caps are supplied with routed pockets as well as routed openings for assembly on site.

109 TALL UNITS - VERTICAL RECESSED HANDLE

Vertical recessed handles are particularly suited to the convenient opening of the large-size doors. Intermediate and end of run recessed handles (25 mm planning width h) are individually planned and invoiced. An end

110 TALL UNITS - HORIZONTAL RECESSED HANDLE

Recessed handles are especially suited for combinations of tall and base units. This achieves a uniform visual line.



111 TRANSITIONS HORIZONTAL

When planning with horizontal recessed handles, the aim is to achieve a continuous visual line from base units to directly adjacent tall units. A hairline gap is formed in the profile at the transition between the L profile of the base unit and the C profile of the tall unit. If this is considered unsightly, an upright panel should be planned at the end of the base unit.

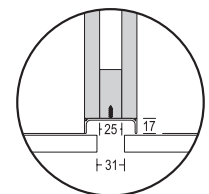
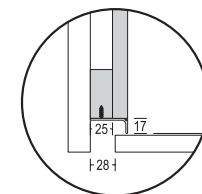
112 ROUTERED POCKETS

Routered pockets occur at open ends of runs, but also in conjunction with a C profile at transitions to dishwashers or built-under fridges and freezers. Carcase sides are routered by 8 mm.

113 RECESSED HANDLE LIGHTING

The top horizontal recessed handle on base units and highboards (L profile) is available with LED light design for surcharge (MP-NGML). Lighting can be selected individually for connected planning units. In this way, a single run out of multiple kitchen runs can be planned with an LED light design.

upright is always required for the planned end of run and for adjacent base units.



End of run recessed handle

Intermediate recessed handle

DISTINCTIVE PLANNING FEATURES LINE N

114 WHEN INCLUDING APPLIANCES, BASE UNITS ARE PLANNED TO BE INSTALLED 50 MM AWAY FROM WALL.

■ Spacers for mounting are included in the scope of delivery.



■ Example:
580 mm = Base unit footprint
+50 mm Distance to wall
= 630 mm Planning dimensions



115 PLANNED END OF RUN WITH END UPRIGHTS

End uprights are available in all décor groups in a depth of 597 mm for a front line that is flush with uprights. If the end of run is planned with a front upright or end upright,

the last carcass side is routed through and the recessed handle ends at the upright.



116 PLANNED END OF RUN WITH FRONT UPRIGHTS

With front-finish upright panels, it is possible to have the handle recess run straight through the panel. Front-finish uprights are available finished on the rear as well as the front, for designs with islands. Front-finish upright panels are available in all Line N front finishes.

117 PLANNED END OF RUN WITH COVER PROFILE NADP

For a price-oriented solution without uprights, a cover profile NADP is available in a stainless steel finish. This clads the planning distance of 15 mm to the wall. The visible carcass side comes standard

This is not common for the US market.

118 CORNER SOLUTIONS WITH FILLERS

Angle fillers are mitre cut at the factory. The planning dimensions must be specified with the order. Adjustments on site are not possible. A shortened carcass blank panel for affixing to adjacent units is included in the scope of delivery.

119 HANDLE PROFILE FOR WALL UNITS

- LINE N wall units are available in heights 360 mm, 720 mm and 864 mm.
- The wall units have a profile strip attached to the wall unit bottom shelf.
- The handle profile is visually identical to the MP-WOG from the standard range. Handle-less wall units can thus be combined with the LINE N range.



122 INTEGRATED LIGHTING FOR WALL UNITS

For a surcharge, the integrated lighting designs NOVA PLUS and MANILA PLUS can also be integrated into the top or bottom shelf of the wall unit. For a surcharge, a profile strip with LED lighting or a lighted bottom shelf are available.

120 PLANNING WITH DISHWASHERS

- Only fully integrated dishwashers can be planned.
- Designs placing dishwashers at the end of a run require an upright panel as planned end of run.
- For designs with continuous recessed handle, a special front upright is available in addition to the end upright. For additional planning information please refer to the Sales Manual, chapter 8 LINE N.



123 DISHWASHERS WITH CONTINUOUS BAR HANDLE

Dishwasher designs with continuous bar handle require a minimum plinth height of 150 mm, and LINE N designs in XL height a minimum plinth height of 70 mm. The appliance is mounted beneath the recessed handle. Thus, the recess is 50 mm smaller. This enables a continuous LED light design for the recessed handle.

124 DISHWASHERS WITHOUT CONTINUOUS BAR HANDLE

Dishwasher designs without continuous bar handle require a minimum plinth height of 100 mm, and LINE N designs in XL height a minimum plinth height of 70 mm. The appliance is mounted directly beneath the worktop. The recess can be used in its entirety. A continuous LED light design in

121 PLANNING WITH INDUCTION HOT PLATE

L profiles beneath induction hot plates can be milled in three lengths: 550, 750, 850 mm. The milling depth is 5 mm. The necessary width is determined based upon the ordered hot plate.



the recessed handle is thus not possible and must be interrupted in the area of the appliance. The recessed handles of adjacent base and tall units will be equipped with end caps.

DRAWER ORGANISERS



125 CUTLERY TRAYS

A large selection of cutlery trays made of plastic or wood provides the very best drawer organisation. Fits all drawer widths from 300 mm to 1,200 mm with 561 mm side depth. Several cutlery trays are available for a side depth of 461 mm.



Versatile organiser systems for drawers and pull-outs offer structured storage for everything you want to accommodate in the kitchen. From cutlery, cling film and spices to baking trays and even entire beverage crates. Variable designs, easy-care plastic, sophisticated solid wood or a combination of both. With fixed or variable division possibilities – the perfect solution for every need!

126 FLOCKED LINER MAT EMB
 Fits elements with a side depth of 561 mm. Available in all drawer widths from 300 mm to 1,200 mm.



127 FULL PULL-OUT/
 UNIVERSAL ORGANISER

- Made of beech, oak, black ash and anthracite-coloured plastic or with aluminium profiles
- Enables customised divisions with flexible positioning of solid wood partitions, partitions or dividers made of aluminium or plastic.

- Unit widths: 600, 800, 900, 1,000 and 1,200 mm
- Full pull-out load capacity



Width in mm	Excerpt depth in mm		
	270	400	500
>/=600	30 kg	30 kg	30 kg
800-900	30 kg	40 kg	45 kg
1,000	30 kg	40 kg	55 kg
1,200	30 kg	40 kg	65 kg





128 FULL PULL-OUT 150 MM TOWEL RAIL

Only 150 mm wide, but very practical: Base unit pull-outs with towel rails. Alternatively, the range also offers towel rails behind hinged doors or open shelf base units with towel rails.

THIS CALLS FOR ORDER!



129 FULL PULL-OUT 150 MM 2 METAL BASKETS

In a narrow space of just 150 mm, next to the cooker or hot plate, for instance, everything you need is at hand. Perfect for storing oil and vinegar or spices.

■ Load capacity per shelf 6 kg



130 FULL PULL-OUT 150 MM BAKING TRAY HOLDER

Finally, a clever solution for storing those countless baking trays and grids.



131 FULL PULL-OUT 300 MM
INTERNAL PULL-OUT

An interesting solution that won't interrupt the lines of your kitchen. It looks like a door, but provides ingenious and ergonomic organisation possibilities.

■ Load capacity per shelf 30 kg



132 FULL PULL-OUT 300 MM
RECYCLABLES COLLECTOR

Pull-out unit with recyclables collector and lid for 40 litre recycling sack. Due to the narrow design of only 300 mm, the pull-out unit can be integrated practically anywhere.



133 LARDER PULL-OUT JUNIOR
300 MM UBOXX

With its width of 300 mm, the larder pull-out Junior requires little space and offers a high degree of convenience with access to stored items from both sides. Shown here is the variant with the organiser system UBOXX with an adjustable division for knives and cutting board holder.



134 LARDER PULL-OUT JUNIOR
300 MM

Base unit with larder pull-out Junior, 2 hanging baskets with wooden bottoms and metal railing, adjustable.



INDIVIDUALISED COMFORT

For kitchens with diverse floor plans, from the small to the very large, the kitchen system helps you find the right answers for effectively planning your kitchen space.
For instance, optimising storage space with the plinth drawer and additional internal drawers, the concealed pull-out table in the base unit or the shapely Z solution for end of run units when space starts to get tight in the kitchen.

135 SPACEFLEXX

Flexible organising system for storage containers, fits widths upwards of 600 mm, Anthracite/Chrome. The nestex® material adapts to the stored items and prevents storage containers of all different sizes from tipping over.



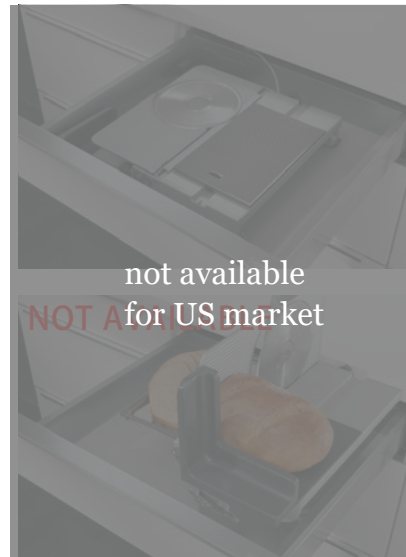
136 OPEN FRIDGES WITHOUT HANDLES

The electromechanical opening system EASYS enables easy opening of fridges with slight pressure, even in handleless kitchens. The door opens wide enough, so that it can be opened the rest of the way by hand. If the door isn't opened, it simply closes again on its own.



137 END OF RUN UNIT Z SHAPE

For a gentle transition into the room's free space or for better access to adjacent doors, the Z-shaped end of run unit is ideal. Not to mention that the perfect Z shape also creates an optimum seamless appearance.



138 APPLIANCES ALL-PURPOSE SLICER

The accessories range offers an electric all-purpose slicer for drawer widths starting at 500 mm. The all-purpose slicer can simply be folded away into the drawer for space-saving storage.



139 FOLD-OUT STEPLADDER

The aluminium fold-out step-ladder can easily be stored in a drawer, a pull-out or hung on an integrated universal holder. For installation in base and tall units.



140 OPEN SPACE UNIVERSAL ORGANISER UOOS

Flexibility down to the smallest detail: Open Space offers high quality elements for individualised divisions. The wooden trays made of solid oak are held in place on the flocked liner mat by steel dividers. Height 51 mm, fits drawer depth of 500 mm.

141 ORGANISING SYSTEM PANTRY BOX

The pantry box offers practical storage and fresh-keeping of fruit, vegetables, baked goods and other foodstuffs. The basis is a rigid plastic box that can be easily wiped clean.



142 PLINTH DRAWER

A plastic bottom is inserted which has drain and ventilation slots to ensure ideal storage conditions. A tempered glass sliding lid guarantees that foodstuffs are hygienically covered while remaining visible. For installation in 600 mm wide pull-outs.

The remarkably practical plinth drawer maximises storage space by utilising the "dead space" beneath the plinth. It is available in the widths 400, 450, 500, 600, 800, 900, 1000 mm and 1,200 mm.



143 INTERNAL DRAWERS

Additional internal drawers can be planned for front pull-out and hinged door units. The internal drawer behind front pull-outs opens automatically using a latch for simultaneous opening.



144 PULL-OUT TABLE

Many units from the wide range of products are already equipped with internal pull-outs as standard. They can also be retrofitted at a later date.

The base unit with pull-out table provides a space-saving solution ideal for small kitchens.

- Available widths: 500, 600 and 900 mm
- Table heights (with plinth height 150 mm): 685 mm, 825 mm
- Max. load capacity: 30 kg
- Tabletop always in white

THERE IS SPACE IN EVEN THE SMALLEST CORNER

With corner units you have absolute planning security thanks to alternative dimensions, customised comfort options and super storage space access.

- Planning dimensions for corners without storage space: 650 x 650 mm (angle filler for "dead corner")
 - Planning dimensions for corner units: 800 x 800 mm, 900 x 900 mm
 - Planning dimensions for diagonal corner units: 800 x 800 mm, 900 x 900 mm
 - Planning dimensions for half corner base units:
 - 650 (630) - 750 mm x 1,050 (1,030) - 1,150 mm
 - 650 (630) - 750 mm x 1,100 (1,080) - 1,200 mm
 - 650 (630) - 750 mm x 1,150 (1,130) - 1,250 mm
 - 650 (630) - 750 mm x 1,250 (1,230) - 1,350 mm
- Planning dimension changes from minus 20 mm to plus 100 mm are possible at the factory.



145 ANGLE FILLER UPE* "UNUSED CORNERS"

- Affordable
- The corner solution with an angle filler offers no storage space.



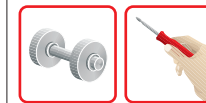
146 CORNER BASE UNIT U(D)TE* WITH SHELVES

- Price-oriented storage solution
- Easy access due to 165° hinge
- Can be disassembled on site
- Load capacity per shelf up to 50 kg/m²



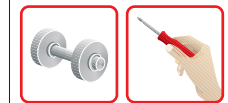
147 CORNER WALL UNIT WE* WITH SHELVES

- Easy access due to 165° hinge
- Maximum load capacity 75 kg
- Load capacity per shelf 16 kg
- Optimum design continuity with the corner base unit



148 CAROUSEL UNITS UE(D)K*/UE(D)T*, 360°

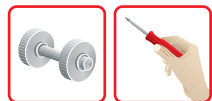
- Mid-priced segment
- Intermediate level operating comfort
- Clear overview thanks to height-adjustable rotary shelves
- Can be disassembled on site
- 3D Front adjustment
- Adjustable closing force
- Load capacity per shelf: 25 kg





149 DIAGONAL CORNER UNIT UE(D)*

- Diagonal corner solution with shelves
- Price-oriented storage solution
- Can be disassembled on site
- Load capacity per shelf up to 50 kg/m²



150 DIAGONAL CAROUSEL UNIT UE(D)T*

- Rotary carousel with wooden shelves and metal railing offers a clear overview of contents.
- Mid-priced segment
- Storage space solution with intermediate level operating comfort
- Rotates 360°



- Can be disassembled on site

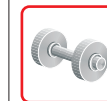
151 HALF CORNER UNIT UE(D)*

- Diagonal corner solution with shelves
- Price-oriented storage solution
- Load capacity per shelf up to 50 kg/m²



152 HALF CORNER UNIT UEBD* WOODEN SHELVES

- Mid-priced segment
- Half corner unit with wooden shelves and metal railing offers a clear overview of contents.
- Storage space solution with intermediate level operating comfort
- Load capacity per shelf: 15 kg



153 HALF CORNER UNIT UE(D)SA* SWIVEL PULL-OUT

- High-end segment
- Swivel shelves open out into the kitchen, which make access to the back of the shelf so much easier.
- Excellent use of the unit interior. The shelf height is fully adjustable.
- Storage space solution with excellent operating comfort.

561 mm
22 1/16"

522 mm
20 9/16"



- Carcase depth for base and tall units: 561 mm
- Useable depth: 522 mm

Sensys hinges with Silent System cushioning, 3-dimensionally adjustable, maintenance-free, installation-friendly

Shelves, 16 mm
All metal shelf supports with locking pin

Back panels, 2.8 mm HDF board in grooved sides, lacquered on both faces, screw-mounted to carcase

Construction shelf, 19 mm with side firmly affixed with dowels

Profi+ pull-out technology for crockery units, pantry units, appliance housings

IT ALL FITS !



154 TALL UNIT WITH INTERNAL PULL-OUTS

- Easy, comfortable access
- Widths: 400, 500 and 600 mm
- Five internal pull-outs in all highboard and tall unit versions



155 APPLIANCE AND PANTRY UNIT

- The universal unit in the truest sense of the word.
- With various internal divisions, pull-outs and drawers.



156 PANTRY UNIT
CARGO

In the Cargo pantry unit the interior is linked to the door. When the door is opened, the shelves are automatically pulled forwards towards you, thus allowing easy access.



157 BROOM AND
APPLIANCE UNIT

Everything you want, everything you need: System grids, cleaning materials baskets, system shelf units, peg board and hose holder for vacuum cleaner are preassembled.

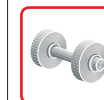


158 LARDER UNIT

The larder unit equipped with SoftStoppPro cushioned opening and closing glides quietly in and out of the carcass until the movement is gently damped. The hanging baskets are available in two different designs:



- Hanging baskets with wooden shelf and metal railing
- Hanging basket with wooden shelf and glass side, for a surcharge
- Maximum load capacity is 80 kg



370 mm
14 9/16"

350 mm
13"



THE RIGHT SOLUTION FOR ALL WALLS

The wall unit mounting system guarantees secure mounting in honeycomb brick, sand-lime brick and concrete. Spacer panels are for compensating wall protrusions, for instance with tile, and are included in the scope of delivery. Freely suspended wall units can be provided with an anti-tip device on site to prevent lateral shifting. For maximum safety the anti-tip devices are automatically confirmed free of charge and are included in the scope of delivery.

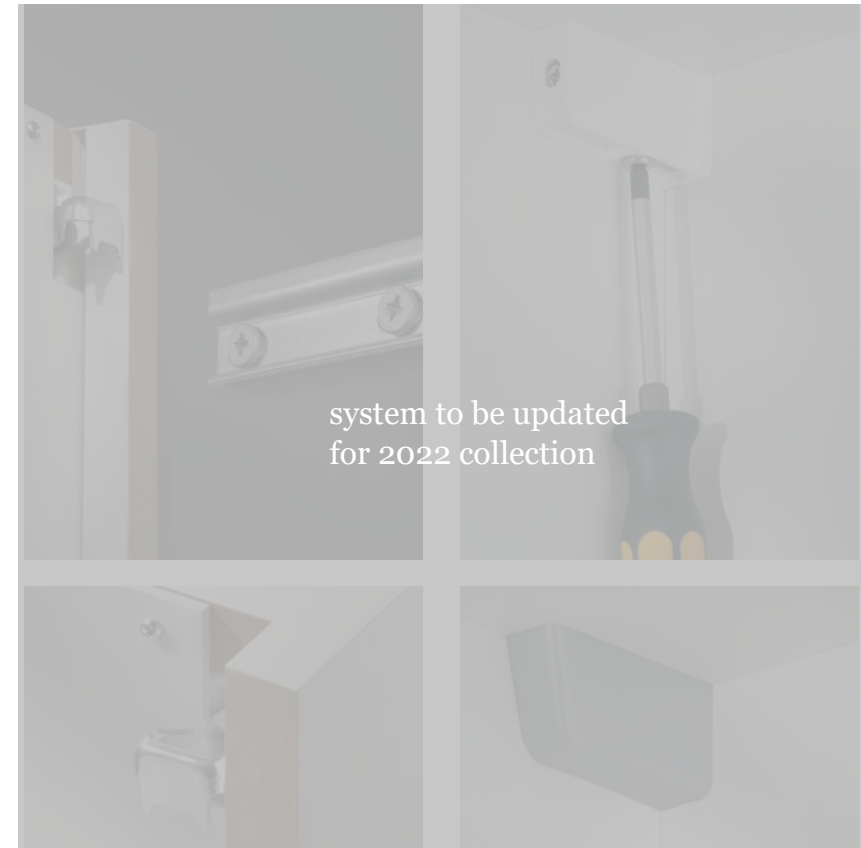


Shelves, 16 mm
All metal shelf supports
with locking pin

Sensys hinges with Silent System
cushioning, 3-dimensionally adjustable,
maintenance-free, installation-friendly

Back panels, 2.8 mm HDF board
in grooved sides, lacquered on both faces,
screw-mounted to carcass

Construction shelf, 16 mm
with side firmly affixed with dowels



system to be updated
for 2022 collection

159 THE COMPLETE PACKAGE

The fixing rails for wall units
come as standard.
Upwards of 590 mm width
requires 4 screws and dowels
for maximum safety.



160 COVER CAPS STANDARD

Metal coloured cover caps come
as standard with all wall units.

161 MAXIMUM LOAD CAPACITY

- Maximum load for wall units: 75 kg
- Load capacity per shelf 16 kg



162 DRESSER UNITS WITH ROLL-UP FRONTS

Roll-up front dresser units offer the advantage that small appliances are always at hand in the niche with socket and after use can be quickly stowed away again.

- For a surcharge, units with glass roll-up fronts are possible with lit design Manila Plus or Nova Plus



163 1,200 MM WIDE WALL UNITS

Available in 359 mm height with flap, in 651 mm height with 2 hinged doors, or in 718 mm height with folding/lifting door. The extra wide wall unit comes standard equipped with a profile strip in the bottom shelf. This



164 INTERNAL TABLAR SHELVES WITH LOCKING DRAWER SLIDES

For retrofitting in dresser roll-up front units with plastic roll-up front, 600 mm wide, wide 561 mm side depth.

- Maximum load capacity of tablar shelf: 25 kg
- Version also available for base and tall units.



- Available roll-up front colours: Stainless steel appearance, as glass roll-up front in clear, matt or black glass
- Comes as standard with triple socket (dependent upon country) for roll-up front dresser units
- 3 possible depths: Plastic roll-up front 341, 430, 582 mm Glass roll-up front: 335, 430, 582 mm

- For surcharge MP-AJAH, it is possible to vary the height on units with metal roll-up fronts in stainless steel appearance. The respective size range for each type of unit can be found in chapter 7 wall units.

prevents sagging of the bottom shelf. The back panel is divided and is connected at the centre by an additional profile strip. The additional profile strip is installed with a third wall unit mounting suspension. An additional shelf support in the centre mounting suspension also prevents sagging of the shelves.

- Together these factors ensure better stability and safety.
- The wall unit load capacity is 75 kg.



FLAP DOORS, BI-FOLD DOORS, SWIVEL FLAP DOORS, ROLL-UP DOORS!

The AVENTOS flap system brings more freedom of movement to wall units. Even large and heavy flaps move easily. Fittings from the AVENTOS series are used for wall units with flaps, folding/lifting doors and swivel flap doors as well as tall units with lifting doors and flaps. In keeping with the lasting trend toward electrification of the kitchen, folding/lifting doors and swivel flap doors can optionally be equipped with the Servo Drive electric motor operated opening system.

165 FLAPS

Flap door lifting fittings with 100° opening angle and integrated soft-close cushioning for wall units with 359 mm height and for tall units. The door can be fixed in place in any desired position.

Unit widths: 450, 500, 600, 800, 900, 1000, 1,200 mm. Opening angle limiters can be ordered optionally: OBK-HK or OBK-HKS



166 BI-FOLD DOORS

For space-saving opening of wall units. The door can be fixed in place in any desired position. The closing force is individually adjustable, the hinge cushioned. Unit widths: 500, 600, 800, 900, 1.000, 1.200 mm

Opening angle limiters can be ordered optionally: OBK-HF

167 SWIVEL FLAP DOORS

For space-saving swivelling of the front above the carcass. The hinge is cushioned. Unit widths: 500, 600, 800, 900 mm

168 SERVO-DRIVE

Electric motor Servo Drive for wall units with swivel flap doors or folding/lifting doors. With Servo Drive, wall units can be opened with a simple light tap – and with a press of the switch integrated into the carcass side, comfortably closed again.



The alternative to hinged door units are roll-up front units and wall units with swivel flap doors, flap doors or folding doors. The advantages are clear: in a small kitchen, these reduce the opening angle of the doors and thus, stay out of the way. And headroom is also guaranteed with every unit. High-quality fittings technology guarantees that the flap doors stay put where you want them.

Information regarding protruded configurations with dresser units above free-standing fridges can be found in chapter 9, planning information.



169 FOLDING-SLIDING DOORS

Works well in narrowly fitted kitchens, because the opening angle of the door is cut in half. The folding-sliding door functions via sliding technology on the top shelf. Only for 600 mm wide wall units.



170 CLIMBER WALL UNIT

The Climber wall unit with glass slatted front offers maximum convenience in three glass colours. The glass slats open and close automatically via touch control operation. Units widths: 500, 600, 800, 900, 1.000 mm



171 WALL UNIT WITH iMOVE

iMove is an innovative storage system with a double tablar that is easy to use, ergonomic and can be lowered for better reachability of the stored goods, a clearer overview and quick access. Available as hinged door unit in 720 mm and 903 mm heights and as folding/lifting doors 720 mm high. Width 600 mm.



172 HANDLELESS WALL UNIT MP-WOG

Handleless designs are particularly suitable for unmistakably purist and design-orientated plans. For a surcharge MP-WOG, wall units can be equipped with a bottom shelf with attached profile strip in stainless steel appearance. This allows comfortable access, even with large swivel flap doors.

Alternatively also available with LED lighting, see point 176 MP-WOGL. Identical appearance to LINE N wall units. As a result, it is a master of combination. 1,200 mm wide wall units with flap doors or folding/lifting doors come as standard equipped with MP-WOG at no surcharge.

Wall units can be custom upgraded with integrated lighting systems in the bottom and/or top shelf, as well as with additionally lit bottom panels. Not only does this provide a visual highlight, but, it also addresses an important topic in kitchen design: the efficient and consistent illumination of the individual work areas and activity zones.



173 LIGHTING DESIGN NOVA PLUS
MP-LNP-O/MP-LNP-U

The integrated LED built-in light can be mounted in both the top and bottom shelves of wall units. For wall units and shelf units up to 1,200 mm wide and with a minimum side depth of 180 mm. For optimum illumination, two lights are provided for widths exceeding 800 mm.

174 LIGHTING DESIGN
MP-LA/MP-LAN

Wall unit bottom shelf of glass with integrated lighting. For wall units from 300 mm to 1,200 mm wide. MP-LA/MP-LAN serves as unit interior lighting and as a recess light simultaneously.

175 LIGHTING DESIGN
MP-LED

Wall unit bottom shelf with integrated LED light strip. Available for 300 to 1,200 mm wide wall units, minimum side depth of 180 mm. The full-length LED light strip provides uninterrupted illumination of the recess.

176 LIGHTING DESIGN
MP-WOGL/MP-LLIN

Wall unit bottom shelf with built in profile strip in stainless steel appearance and integrated LED light strip. Available for wall units 250 to 1,200 mm wide with one or two doors, minimum side depth of 120 mm. The profile strip makes opening a handleless wall unit design easy and comfortable. The full-length LED light strip provides uninterrupted illumination of the recess and functions as interior lighting at the same time.



3000K/
4000K



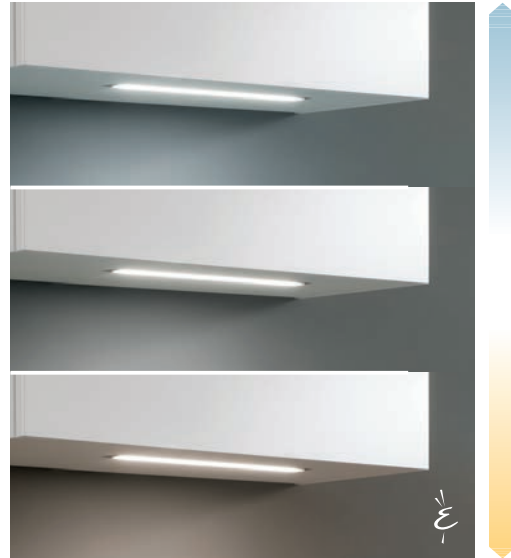
177 4 CHANNEL LIGHT SCENARIO CONTROL

With the radio remote control you can control light scenarios in 4 different areas. Here, brightness as well as light colours can be regulated separately.



178 LIGHTING DESIGN MANILA PLUS MP-LMP-O/MP-LMP-U

The integrated LED built-in light can be mounted in both the top and bottom shelves of wall units. Available for wall units, shelf units and plug-in wall shelves from 300 to 1,200 mm wide. Depending upon the width of the unit, different widths of MANILA PLUS are used.



179 EMOTION TECHNOLOGY

A large portion of the LED system is equipped with Emotion technology (s. Sales Manual, accessories, lighting chapter). With it the temperature the warmth of the light can be infinitely adjusted from cold white to warm white (2,700 - 6,500 K). It is possible to coordinate with other sources of light in the kitchen.



2700K-
6500K



180 LED RECESS LIGHTS WITH COLOR SWITCH

Instead of infinite adjustability, Color Switch enables you to quickly transition between warm and cold white light via a toggle switch. The built-in switch offers the levels I = cold white (4,000 K) and II = warm white (3,000 K). Available integrated in recess lights DHL, Stratos, Tain and Alustar U as a set or as supplemental lighting. See Sales Manual, accessories, chapter on lighting.



With the „Gateway“ module you can also control the functions through your in-house WLAN via your Smart-phone or tablet.



2700K-
6500K

AMBIENT LIGHTING

Modern LED lighting technology has opened up a whole new world of possibilities for staging kitchens in the right light. Whether interior unit lighting, plinth lighting or lit open shelf elements – we have the right light for every purpose.

181 LED SHELF UNIT LIGHTING

Shelves for base units, wall units, highboards and tall units can optionally be outfitted with LED shelf unit lighting. Shelf unit lighting is available for shelf widths of 150 - 600 mm and is standard equipped with Emotion

182 LED LIGHT DESIGN FOR NICHE CLADDING

Niche claddings are optionally available with integrated LED lighting. The LED light strip is equipped with Emotion technology and ensures uniform and glare-free lighting of the work area.

183 GLASS SHELF WITH LED GLASS EDGE LIGHTING

The LED glass edge lighting creates the perfect union between furniture and lighting. Available for wall units in the widths: 450, 500, 600, 800, 900, 1,000 and 1,200 mm.



184 PLANT GROW LIGHT FOR YOUR HERB GARDEN

Our LED plant grow light, which is integrated into the bottom shelf of the shelf unit, ensures optimum lighting of your own kitchen garden – even in the darkest corners. Optionally integrated in the pole-mounted shelving system (MP-RSBLP) and in combination with the planter box, there is nothing else standing in the way of urban gardening.



185 LED LIGHT DESIGN FOR UPRIGHT PANELS

Surcharge for 16 mm thick upright panels in carcass height with integrated LED light strip along the front, energy efficiency rating: A - A++.

Available in carcass colours, high gloss, lacquered laminate and all lacquer finishes.



technology. The lighting can only be ordered for the entire shelf unit, and not for individual shelves. Invoiced per shelf.



186 LED INTERIOR UNIT LIGHTING FOR BASE UNITS

The LED interior unit lighting possesses an integrated sensor switch and is available in unit widths from 300 to 1,200 mm. The LED power supply set ESS6-LED must be ordered separately.



187 LED PLINTH LIGHT WITH GLASS COVER

The LED plinth lights can be custom positioned in the plinth. The drill hole diameter is 55 mm. Also available as LED plinth light set with 3 lights and starter set with Emotion dimmer.

Functional electrification in the kitchen is invaluable to ensure easily accessible electrical connections for kitchen appliances or charging connections for Smartphones and such. Whether custom positioned in the worktop, integrated in bar consoles or support legs or mounted in niches – there are countless possibilities for making the kitchen workday function smoothly.



190 INTEGRATED SOCKETS IN SUPPORT LEGS AND BAR CONSOLES

Stainless steel support legs and consoles for breakfast bars with integrated sockets bring even more functionality to the kitchen. Extremely practical for electrical connection of kitchen appliances, tablets, etc.



188 EVOLINE SQUARE 80

The EVOLine socket Square 80 with accidental contact protection is equipped with a USB charger. The sliding cover is designed as an inductive charging station for wireless charging of suitable Smartphones.



191 EVOLINE V PORT

The retractable double socket EVOLine V Port with accidental contact protection has a USB charger and can be mounted in worktops and retracted.

189 BUILT-IN SOCKET TWIST

The built-in socket Twist with accidental contact protection can be individually positioned in the worktop. The cover plate made of metal in stainless steel finish can be rotated to expose the socket.



192 SOCKET TOKI

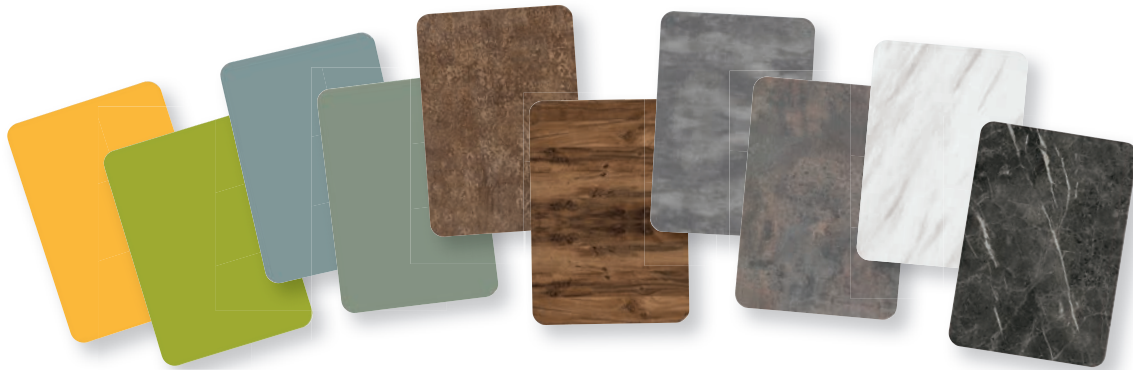
The double socket Toki with accidental contact protection is equipped with a USB charger for charging Smartphones and tablets. The integrated speaker enables audio playback via Bluetooth.



193 MULTIPLE SOCKET OUTLET WITH USB CHARGER

The multiple socket outlet with USB charger and accidental contact protection can be mounted anywhere in the worktop.

COLOR CONCEPT



The interplay of colours, shapes and materials offer a broad field for inspiration and creativity, especially in the kitchen. When it comes to targeted colour use in the kitchen, COLOR CONCEPT provides extensive design freedom. Design using the modular system with open shelving, niche cladding, panel elements or sliding door units in modern single colour shades.



266 Caledonia



257 Sage



274 Teramo marble reproduction



272 Timber oak reproduction



273 Carrara marble reproduction



355 Ferro bronze décor

194 COLOR CONCEPT COLOUR SELECTION

Available COLOR CONCEPT colours: Maize yellow, Fern, Aqua, Sage, Ferro bronze décor, Rusty plates reproduction, Caledonia, Timber oak reproduction, Carrara marble reproduction and Teramo marble reproduction. Another 14 carcass colours are available in additional solids and wood décors for combining.

195 AVAILABLE RANGE OF UNITS

- Upright panels, wall shelves and top shelves in 16 mm thickness
- Décor edges on worktops
- Shelf units (except 273 Carrara marble reproduction and 274 Teramo marble reproduction), wall unit with sliding glass doors WSTG* (359 mm high)
- Niche claddings
- Wall units with flaps and doors in wall unit height 359 mm
- Wall units with hinged doors, segmented glass doors, folding/lifting doors and swivel flaps in wall unit height 718 mm

- The range of items is respectively identified in the product list. For prices on wall units in Color Concept colours, please refer to price group 2 (range no. 100).

196 WALL UNIT WITH GLASS DOORS SQUARE, WSQ*

Door design: Aluminium framed door, handleless version with wall unit bottom shelf with attached profile strip in stainless steel appearance.

- 321 Aluminium framed front in Stainless steel appearance with 02 Matt glass



- 308 Aluminium framed front in stainless steel appearance with 035 Grey glass
- 329 Aluminium framed front in black with 39 Black glass
- WKSQ Square wall unit with glass doors, with flap door, 359 mm high, widths: 500, 600, 800, 900, 1,000, 1,200 mm
- WSQ*-02/-03 Square wall unit with glass doors, height 02 & 03, widths: 450, 500, 600, 900, 1,000 mm



197 FLAT WALL UNIT WITH GLASS DOORS

Door design: Aluminium framed door, handleless version with wall unit bottom shelf with attached profile strip in stainless steel appearance.

- 431 Aluminium framed door in Alpine white with 02 matt glass
- 434 Aluminium framed door in Slate grey with 035 Grey glass
- 438 Aluminium framed door in Black with 39 Black glass

- WF*-01 Flatwall unit with glass doors, height 01 widths: 450, 500, 600, 900, 1,000, 1,200 mm
- WF*-02/-03 Flat wall unit with glass doors, height 02 & 03, widths: 450, 500, 600, 900, 1,000 mm



198 FRAMED DOOR WITH WOOD LATTICE INSERT FOR YORK, WGH*

- WGH*-01 Wall unit with wood lattice door, height 01 widths: 450, 500, 600, 900, 1,000, 1,200 mm
- WGH*-02/-03 Wall unit with wood lattice door, height 02 & 03 widths: 450, 500, 600, 900, 1,000 mm

GLASS NICHE CLADDINGS

The kitchen niche is often an under-appreciated space. Where simple tiles used to set the scene, today a wide variety of materials are used to make this area visually appealing and easy to clean. Moreover, there are diverse possibilities for organising the niche down to the last detail, for use as additional storage space with railing systems or shelf units.



200 GLASS NICHE CLADDING

Niche cladding made of glass is an exclusive and extravagant eye-catcher. It is ideal as a splashback for the cooker or at the sink and is virtually effortless to clean thanks to the easy-care surface.



The niche cladding in deep black relief glass is a refined and yet easy care design variation for the free space between wall units and worktop.

199 GLASS NICHE CLADDING MADE OF ESG GLASS

- 16 mm thick: Substrate board 12 mm with 4 mm glass coating, rear face lacquered
- With PP edging on all sides, silver colour
- 4 fixed heights: 256, 437, 514 and 695 mm.

- 10 fixed widths:
- Available in various colours, see chapter 4, worktops and niche claddings



201 CUSTOM PLANNING

Glass niche claddings can be designed individually. In this case, made-to-measure dimensions are just as available as notching, profiling or drilling holes for sockets. Detailed sketches and a binding approval are required for the order.

Subsequent processing of glass niches is not possible.

- Max. dimensions for glass niches with processing: height: 250 to 1,200 mm, width: 250 to 2,500 mm, Minimum price: 0.5 m², Minimum dimensions: 250 x 250 mm invoiced per m².

Niche claddings with motifs are a trendy and practical way to highlight niches. 24 different digitally printed motifs are available to help you create targeted custom accents in the kitchen. Whether typical kitchen motifs, tiles, mosaic and stone wall décors or motifs with an industrial feel – the choice is up to you.

202 NICHE CLADDINGS WITH MOTIFS

- Imprinted with digitally printed motif
- For perfect colour harmony in the kitchen, several motifs can have their basic colour matched to the carcass colours 106 White, 193 Alpine white, 120 Ivory,

070 Satin grey and 089 Stone grey. In doing so, the colour will be matched to the lightest shade in the motif. For detailed information on this, please refer to our Sales Manual, chapter M 4.10 - M 4.14

- Tip: The contact side of the motif is left, it is measured from the left, and is cut from the right. Minimum ordering dimensions: 250 mm



203 NICHE CLADDING AVAILABLE IN CARCASE, WORKTOP AND COLOR CONCEPT DÉCORS

- Coated on both faces
- 16 mm thick
- Horizontal structure, (except 226 Metal art décor, 273 Carrara marble reproduction and 274 Teramo marble reproduction)
- Coated edging on all sides
- Width: 250 - 2,580 mm
- Heights: 520, 700 and 2,030 mm

The niche cladding is available in the following designs: in carcass colours, COLOR CONCEPT colours, Xtra décors, worktop décors, high gloss décors and in stainless steel appearance. For a detailed overview, please refer to page M 2.1 in our Sales Manual.

- 2 fixed heights: 520 mm (niches beneath wall units), 700 mm (niches beneath cooker hoods)
- Custom dimensions according to sketch possible:
W x H max. = 2,580 x 2,030 mm
W x H min. = 250 x 200 mm
The maximum height for high gloss décors, Xtra décors,

stainless steel appearance and matt laminate coated décors is 1,200 mm.

204 PLANNING BEHIND GAS HOT PLATES

Planning gas hot plates in conjunction with niche claddings requires a minimum spacing of 100 mm from the rear edge of the gas hot plate to the cladding.



You will find plenty of practical kitchen helpers in our range of accessories, with which you can solve storage problems intelligently and turn recesses into highly functional spaces. Whether recessed shelves, railing sets or storage options—our kitchen helpers create solutions that impress.



205 RECESSED SHELF WITH FLAP

Gain practical storage space in recesses with these units. Behind the flap doors you will find storage possibilities for small kitchen appliances, cutting boards, your kitchen knives and much more. The recessed shelves are available in all carcass colours. The installation depth is 125 mm.



206 STORAGE COMPARTMENT TARA

Storage compartment Tara offers cleverly arranged storage space in worktops with extra depth. Tara is available in Stainless steel finish and Black and can be individually positioned.

- Aluminium profile incl. cover and non-slip mat, installation depth: lengths 600 mm/900 mm/1,200 mm, width 150 mm

207 RAILING SYSTEM
LINERO-MOSAIQ

The beautifully shaped railing system LINERO-MosaiQ in aluminium graphite black offers ideal storage possibilities for all kitchen utensils that need to be easily accessible. Versatile storage solutions enable a clear overview and tidy organisation.



208 LED LIGHT PROFILE WITH EMOTION TECHNOLOGY
FOR LINERO MOSAIQ NKPL

An LED light profile can turn the customised railing system LINERO-MosaiQ into a real eye-catcher. The indirect lighting, which is infinitely adjustable, creates beautiful highlights in

the recess. The profile length is 100 - 4,000 mm. Available in: Stainless steel appearance, Black



2700K-
6500K

209 RAILING SET

Practical sets with profile strip in three fixed widths: 600, 1,200, 1,800 mm. Comes equipped with the most important accessory items (paper roll holder, peg-board, multi-purpose shelf).

210 RAILING SYSTEM
WITH LED LIGHTING

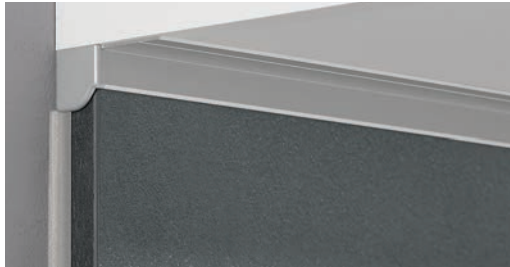
The railing system with LED lighting is available in Black as well as Stainless steel appearance. The railing comes with hooks and is available in widths of 600, 900 and 1,200 cm.

NICHE PROFILES

Niche profiles create a clean transition to the worktop and the wall unit. They also ensure impermeability and thus prevent the ingress of dirt and water. Whether you choose a profile made of aluminium or plastic is purely a question of aesthetics.

211 CONNECTION PROFILE NPG

The connection profile NPG is used between two claddings planned above one another and thus enables individualised colour and material combinations. The profile ensures a clean seam, a secure and longlasting connection and prevents penetration of dirt and moisture.



212 ALUMINIUM PROFILES NKPO AND NKPU

16 mm thick aluminium profiles for niche panels or back panels are supplied with a set of end caps. The profile thickness is 2 mm on the top and 4 mm on the bottom. The NKPO includes a set of end caps, for NKPU the accessories bag NKP-Z must be ordered.

- NKPU available in: 014 Stainless steel appearance and 010 Black
- NKPO available in: 014 Stainless steel appearance

213 PLASTIC COVER PROFILE NPKU

A translucent cover profile made of plastic is available to create a clean and discreet transition to the worktop. It is self-adhesive, extremely easy-to-assemble and 5,000 mm long. The profile thickness is 1.6 mm.

214 NICHE PROFILES NKPA AND NKPV

Whether as end element NKPA or connecting element NKPV, these profiles are not only functional, but also create fun accents. Available in the colours 010 Black and 014 Stainless steel appearance.

Both profiles are available in the lengths 2,000 and 4,000 mm. Included in the scope of delivery are 1 set each of end caps, screws and dowels.



Units in special heights are available with three carcass heights: 288, 360 and 432 mm. In the basic variant, the cabinets are supplied without plinth feet or wall mounting. Thus, they are multi-functional and can be planned e.g., as attachment elements stacked on top of one another. These offer additional freedom of design for modern, design-oriented kitchen planning adjacent to the living area.

215 DESIGN WITH PLINTH MP-PSO

For a surcharge, base units in special heights are provided with plinth feet and a plinth panel for designs flush with the floor. These designs are particularly suited to residential solutions, e.g. as a bench seat, lowboard

216 SMARTCUBE SHELF UNIT SYSTEM

■ The Smartcube shelf unit system opens up fascinating design possibilities in contemporary style. With Smartcube, kitchens take on a more open and inviting design. They can also be used to beautifully



217 DESIGNER GLASS UPRIGHT UWG(R)*

With designer glass uprights the visible end of kitchen runs and islands get an attractive glass cabinet upgrade. The glass uprights are available in clear glass and grey glass. These open glass cabinets are especially decorative when paired with LED recess light Derby II, which can be mounted behind the top profile.

For end of run or room designs with base units in special heights 360 mm. Can only be planned in conjunction with 16 mm top shelf.

- Available glass colours: 01 Clear glass, 035 Grey glass
- Available profile colours: 010 Black, 014 Stainless steel appearance

or TV bench. In addition, base units in special heights can be combined with the Smartcube shelf unit system.

stage adjacent living areas.

- Smartcube shelf units are available as wall and base unit solutions in widths of 600, 900 and 1,200 mm. Also available as a special island solution.
- The aluminium frame comes in your choice of Black or Stainless steel finish.

- Choose your favourites from among all the carcass and COLOR CONCEPT colours for shelves and the optional back panel. Xtra décors are not available.



218 HIGHBOARD WITH LAUNDRY AREA MULTI-PURPOSE BRACKETS HMF50/60

- Everything is readily accessible: 2 multi-purpose brackets for an ironing board and stepladder
- Widths: 500 and 600 mm
- Available in all highboard and tall unit heights

219 APPLIANCE HOUSING FOR WASHING MACHINE/ DRYING RACK GWST60

- Convenient and back-friendly loading and unloading of the washing machine and dryer
- For appliance heights up to 850 mm
 - Width: 600 mm
 - Available in all highboard and tall unit heights, also available simply as built-under solution

Only suitable with some European brands of washers/dryers.

220 HIGHBOARD WITH LAUNDRY BASKET TABLAR

- Easy, comfortable access and a clear overview
- 4 Pull-out tablars with laundry baskets, which can be individually removed
- Widths: 400, 500 and 600 mm
- Available in all highboard and tall unit heights

221 WATERPROOF BOTTOM PANEL SURCHARGE WATERPROOF

Practical solutions for the utility room and kitchen! Sink base units, which often come into contact with moisture, should be protected with an optional waterproof bottom panel. Further solutions can be found on page 6.

222 PANTRY UNIT WITH INTERNAL PULL-OUTS

Plenty of room in such a small space! This pantry unit is also perfect for the utility room. Also refer to page 42

ORGANISING SYSTEMS FOR UTILITY ROOM DESIGNS

The trend toward open concept kitchens that transition into living spaces continues unabated. Modular arrangements, open shelving systems and minimalistic focus on the essentials are what distinguish modern, design-oriented kitchens.

This raises the question: Where to store all the items one uses every day. Anyone with their own utility room is very lucky. Because this room often must incorporate many different functions in a small footprint, a practical and ergonomic design with clever individualised solutions is absolutely essential.

Our organising systems for utility room designs help achieve this.



223 TALL UNIT WITH LAUNDRY AREA ORGANISING SYSTEM

- Maximise storage space with:
- Recycling collector with cotton sack, broom and mop holder and utensil container with mounting brackets as well as storage shelf with dustpan set
 - widths: 500 and 600 mm

224 BROOM AND APPLIANCE UNIT

Stowed away and conveniently accessible! The broom and appliance unit is thus ideally suited for use in the utility room. Also refer to page 43





225 APPLIANCE HOUSING FOR WASHING MACHINE/ DRYING RACK GWST60

This appliance housing offers many advantages. Not only are cables and hoses neatly stowed out of sight, but there is also extra storage space. The raised built-in height of the appliance enables back-friendly loading and unloading of the washing machine.

or dryer—relief that is noticeable on a daily basis. The built-under base is equipped with special TÜV certified metal struts as reinforcement. Thus, the washing machine remains securely in place—even during the spin cycle.

Only suitable with some European brands of washers/dryers.



226 HIGHBOARD WITH LAUNDRY AREA MULTI-PURPOSE BRACKETS HMF50/60

- Ideal for the utility room, 2 multi-purpose brackets for ironing board and stepladder
- Widths: 500 and 600 mm
- Available in all highboard and tall unit heights



227 TALL UNIT WITH LAUNDRY AREA ORGANISING SYSTEM

- Storage space organisation with:
- Recycling collector with cotton sack, broom and mop holder and utensil container with mounting brackets as well as storage shelf with dustpan set
 - Widths: 500 and 600 mm



228 TALL UNIT WITH LAUNDRY BASKET TABLAR

- Tall unit with 4 pull-out tablar for laundry baskets, which can be individually removed as needed
- Widths: 400, 500 and 600 mm
- Available in all highboard and tall unit heights

Pantry provisions, cleaning supplies and even the washing machine often end up in the basement—but here they are far removed from daily use. What's more, modern single-family homes or owner-occupied flats today often no longer include basements.

These facts have led to a revival in utility rooms. Our solutions for utility room designs help them live up to their new status.

229 LAUNDRY AREA DRYING RACK WTLA

For mounting to the exterior of the unit or to the wall, folding
 ■ height: 300 mm, width: 525 mm, depth: 820 mm



230 LAUNDRY AREA TABLAR PULL-OUT WTABLA

Tablar pull-out, white powder-coated metal
 ■ height: 67.5 mm, width: 568 mm, depth: 509.5 mm



231 LAUNDRY AREA LAUNDRY BASKET WKLA

Blue plastic, matches tablar pull-out WTABLA
 ■ height: 304 mm, width: 520 mm, depth: 462 mm



Individuality is key when it comes to additionally supplementing already equipped unit components for the utility room. As needed, the individual components can also be added subsequently, and in this way, the organisation of the unit and the functionality of the workflow can be optimised.



232 2 LAUNDRY AREA UTENSIL CONTAINERS WITH WALL MOUNTS UBWLA

For hanging up and taking out, for clothes-pegs and bits and pieces, wall bracket white powder-coated metal, utensil container blue plastic
 ■ height: 241 mm, width: 436 mm, depth: 198 mm



233 LAUNDRY AREA SHELF WITH DUSTPAN SET AKSLA

Laundry Area shelf for mop bucket and dustpan set
 ■ White powder-coated metal



234 LAUNDRY AREA BROOM/MOP HOLDER BWHLA

This practical holder for your mop counts among the functional components.



235 LAUNDRY AREA RECYCLING COLLECTOR WITH COTTON SACK WDBLA

Carrier frame with cover flap, white powder-coated metal incl. durable cotton sack cover
 ■ Flap dimensions: height: 125 mm, width: 404 mm, depth: 261 mm



236 2 LAUNDRY AREA MULTI-PURPOSE BRACKETS MFHLA

For space-saving and secure storage of large, upright household objects
 ■ White powder-coated metal





THE PRODUCT RANGE

We have an independent product line for bathroom designs, comprised of wall-mounted vanity units and bathroom base units. Special vanity units are available in every height for inset and countertop mounting of hand basin and basins. These are equipped with a metal crossbar. The units can be covered using worktops or top shelves as well as commercially available hand basin and countertops. Matching sideboards and Midi units in wall-mounted versions provide plenty of storage space.

- The bathroom range is available in absolutely all front designs and surround colours.



237 BATHROOM PRODUCT RANGE

- Vanity and bathroom base units are available in heights of 288 mm, 360 mm, 432 mm and 576 mm.
- The side depth is 461 mm
- Sideboards and Midi units are available in the three carcass heights 864, 1,152 and 1,584 mm.
- The side depth is 320 mm

238 BATHROOM PRODUCT RANGE FOR HANDLELESS LINE N DESIGNS

- For handleless bathroom designs, LINE N vanity base units are available in the heights 360 mm and 554 mm.
- The side depth is 461 mm
- LINE N sideboards and Midi units are available in the heights 720 and 1,247 mm.
- The side depth is 320 mm

239 DESIGNING IS EASY, ORDERING IS QUICK

Bathroom furniture and accessories are compiled in a chapter of their own and are a standard part of the Sales Manual. The manual contains 38 design suggestions, each with its own order number, which serve as a quick ordering aid and which are also saved in the planning systems. Planning your bathroom just became child's play. The block pricing method is also valid for the entire bathroom range.

The trend toward individually designed interiors with homely character now moves into the bathroom. And with it, the demand for perfect storage space organisation and ergonomic furnishings – simply put, convenience – has also substantially increased. The quality characteristics of our furniture make it ideally equipped to meet these requirements. Which is why we supplement our collection with an independent product line of bathroom- and vanity units as well as hand basin and taps. TÜV Rheinland successfully tested our bathroom base units according to the legal requirements of the RAL-GZ 430 quality standards for kitchen and bathroom furniture.



240 SECURE MOUNTING WITH HEAVY-DUTY SUSPENSION BRACKETS

The wall-mounted units are fastened to the wall with special heavy-duty suspension brackets. The fastening points can thus always be attached at the same height – the brackets positioned at the outer corners leave enough room in the wall for the water connections. The heavy-duty suspension bracket ensures secure mounting in honey-comb brick, sand-lime brick and concrete.

241 PLENTY OF SPACE FOR THE ODOUR TRAP

The recess in the back panels of pull-outs, created at the factory, frees up additional useable space. When combined with the shortened back panel, necessary inlets and outlets as well as the odour trap can likewise be accommodated even in small bathroom units.



242 ODOUR TRAP RECESS FOR SURCHARGE SIA*WT

Odour trap recesses on vanity base units are available from the factory for a surcharge or they can be made on site. Edge tape and a cover for the on site creation of an odour trap recess are included in delivery.



243 3-PIECE UTENSIL SYSTEM MP-SIA

The odour trap recess can be optionally equipped with a practical 3-piece plastic utensil system for a surcharge. Fits cut-out dimensions W x D: 250 x 250 mm. For use in vanity- and sink units with pull-outs.



244 MIRRORED BATHROOM CABINET WBSP*-02

Wall unit bottom shelf with attached profile strip in stainless steel appearance

- 1 mirrored door for 600 mm width, 2 mirrored doors for 800, 900, 1000 and 1200 mm width, 2 glass shelves
- Height: 720 mm, total depth: 210 mm, side depth: 202 mm, utilisable depth: 178 mm

Available in all carcass colours.

Optional with double socket DSDSP*
for mounting in mirrored bathroom cabinet



245 LED LIGHTING FOR MIRRORED BATHROOM CABINETS

Take your pick of three options for illuminating mirrored bathroom cabinets:

- Top shelf with LED light design MP-LADB
- LED surface-mounted light Lilium Big Emotion LABSP*
- Mirrored cabinet upright, 16 mm thick with LED light design MP-LWSP



246 MIRROR WITH VERTICAL OR HORIZONTAL LED LIGHT WINDOWS

- 850 mm high, 24 mm deep, 2 sandblasted or 1 sandblasted LED light windows
- LED light window:
1 Emotion touch control dimmer,
1 LED converter and protection rating IP 44



For additional technical values refer to Sales Manual: Bathroom, chapter 7



MIRRORS NOT AVAILABLE FOR THE US MARKET.

247 SURFACE-MOUNTED HAND BASIN

Surface-mounted hand basin come in a variety of colours and materials e.g.:

- White high gloss, Fango, Slate, Nigra
- ceramic/stoneware or mineral composite



248 HAND BASIN TAPS FOR BATHROOM DESIGNS

Our range comprises a selection of modern and standard market hand basin taps in Chrome and Black matt. Refer to Sales Manual: Bathroom, chapter 8



Our extensive selection of interior fittings and accessories are the perfect complement to our multifaceted range of bathroom furniture.



249 FURNITURE HAND BASIN

The furniture hand basin are adapted to the widths of our vanity units. Washbasins with either 1 or 2 basins can be used.

- White high gloss
- Mineral composite

250 LED WASHBASIN LIGHT LEDWT* FOR WASHBASIN MARMITE MEGX*

The furniture hand basin Marmite MEGX* can be optionally equipped as standard with LED lighting all around, IP rating 44.

- LED rope light of translucent plastic, LED - 12 V DC, 2,700 - 6,500 K

251 TOWEL RAIL/WALL CONSOLE

The following rails are available for accommodating towels

- Towel rail for mounting on the side of bathroom furniture
- Towel rail for mounting on 16 mm thick uprights
- Steel wand console
- Available colours: 010 Black, 014 Stainless steel appearance, 044 Brilliant chrome

252 STEEL PLINTH FEET/SLED FRAME

The plinth feet/sled frames serve as a visual design element. They are not load bearing, and are thus only suitable for wall-mounted furniture.

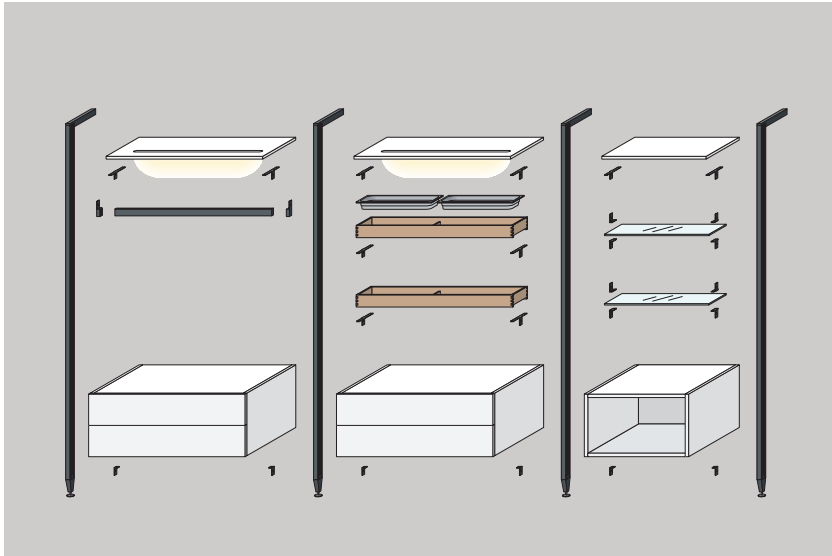
- Plinth feet: heights 156, 300, 444 mm
- Plinth sled frames: 15 mm thick, 2 pieces, heights 156, 300, 444 mm, depths 450, 310 mm
- Available colours: 010 Black, 044 Brilliant chrome

HAND BASINS NOT AVAILABLE FOR THE US MARKET.

From the perfect kitchen to an inviting, holistic design. Whether used as a herb garden in the kitchen or as a hall wardrobe, in the living room or bathroom or even as a walk-in wardrobe—our pole-mounted shelving system is a striking conversation piece in any room. The system offers you multifaceted and flexible planning options. With innovative ideas, elegant design and countless practical details for integrated contemporary home interiors. The pole-mounted shelf units can be optionally outfitted with indirect lighting of the poles to create a pleasant ambience. And with Emotion technology, the colour of the light can be individually controlled.

253 SUPPORT POLES

- Available support pole colours: 073 Stainless steel finish, 010 Black
- Support pole depths: 150, 295 mm
- Available plinth heights: 100, 150 mm



254 BASIC AND EXTENSION ELEMENTS

- The aluminium poles can be optionally equipped with LED light design MP-SRL. One surcharge will be invoiced per support pole.
- Pole-mounted shelves are available in thicknesses of 16 and 25 mm, are coated on both faces and have a polymer edge all around.
- Available in all carcass and Color Concept colours as well as all worktop décors from décor group 1. Not available in Xtra décors.
- For a surcharge, the shelves can be equipped with LED built-in light Manila Plus (MP-RSBL) or an LED plant grow light (MP-RSBLP).
- The plant grow light does not change light colours and does not dim. Therefore, this light is not possible with Emotion technology.

- All shelves can be varied in dimensions by 32 mm, in order to enable unit designs with 16 mm upright panels on the sides. Designs with other upright thicknesses are not permitted.
- Base units for planning between shelving poles are available in all ranges and carcass colours.
- The Base units are mounted to the wall with a heavy-duty suspension brackets. The connectors ensure support to the bottom of the hanging unit.

- Available heights: 1,485 mm, to fit highboard height, 1,584 mm, to fit highboard height XL, 1,997 mm, to fit tall unit height 02, 2,069 mm, to fit XL tall unit height 02 XL, 1,239 mm, to fit dresser unit height 02



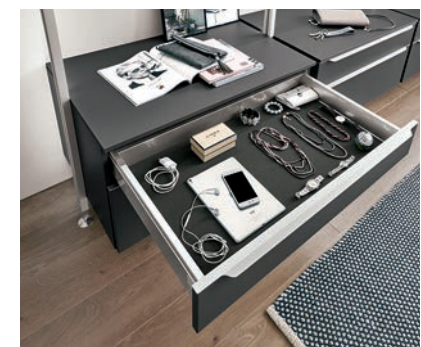
255 CUSTOM STORAGE

With the pole-mounted shelving system you can customise storage to fit your needs. Because it adjusts to your wishes. The shelving system is available in different heights and can be varied in width. All elements can be positioned precisely where you want them. As a result, it offers virtually unlimited variety. From the small wardrobe solution in the hall to the walk-in wardrobe. Everything is possible.



256 THE POLE-MOUNTED SHELVING SYSTEM DELIVERS INFINITE DESIGN IDEAS

The pole-mounted shelving system is a creative playground for exploring fantastic design ideas for all room situations. Such as, for instance, with support poles and glass shelves—transparent and exceptionally attractive. In combination with special carcass elements, our pole-mounted shelving system is a real highlight with a personal touch.



257 PACKING
CARCASE COMPONENTS

Sides and front are completely covered with cardboard; Nylon belts (for strapping).



262 HARD PLASTIC CORNERS

Hard plastic corners are used on the rear bottom carcass side of tall units for extra protection. This prevents damage due to standing on end.

258 CORNER PROTECTION

Corner units are additionally equipped with a self-adhesive corner sleeve, to protect them from damage during transport.

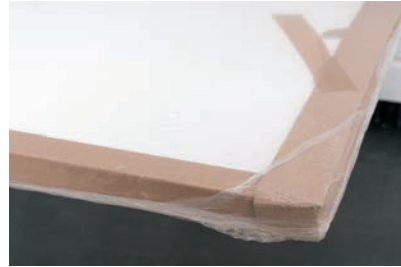


263 PACKING
CORNER CAROUSEL UNITS

Corner carousel units have a cardboard cover with clearly defined gripping positions. This simplifies transport.

259 PACKING
WORKTOPS

Worktops are packed in foil and reinforced with cardboard corners, in part also with fibreboard supports.



264 TRANSPORT CROSSBARS

Appliance housings with high appliance cut-outs are secured during transport by a transport crossbar. This provides additional stability as long as the appliance is not installed.



260 PACKING
PLINTH STRIPS

Plinth strips are packed with cardboard protectors and wrapped with straps at the package ends.



265 PROTECTIVE FOIL

Fronts with sensitive finishes, for example high gloss fronts, are protected during production and installation with a special protective foil.



261 PACKAGING
CORNICE STRIPS | LIGHT STRIPS

The outer corners of cornice strips are factory-glued and completely wrapped in cardboard and strapped. As a transport safety device, the strips are fastened to a piece of carrier cardboard.





266 UNITS
PRE-ASSEMBLED

All units and interior equipment are delivered fully assembled. This saves installation time.



267 INSTALLATION-FRIENDLY
SYSTEM

The kitchen system is characterised by its absolute ease of installation. Beginning with corner units that can be disassembled

to get through narrow stairwells to the fine adjustment of the plinth and fronts, and to the quick mount hinges for doors.



269 TOPFIT FOR EVERYDAY USE

kitchens are up to the challenge of daily use; all products have already proven their worth in QC test laboratory.



270 THE "GLASS" LABORATORY

The significant effort that invests in the QC Test Laboratory prior to production is visible even to the customer. The „Transparent Test Laboratory“ has been incorporated into the in-house exhibition and is, of course, absolutely visible.

The 230 m² area allows visitors to gain insight into the comprehensive testing methods that the new products must undergo and pass prior to being considered ready for production.



271 PRODUCTION- ACCOMPANYING TESTS

In order to ensure a consistently uniform series-production quality, the current series is monitored. This means that in predetermined intervals, production-accompanying tests are performed on the furniture or individual components.

272 | QUALIFIED EMPLOYEES

A quality management team of 31 ensure that quality standards, that exceed both the national and international standards, are met in the areas of customer service, supplier management,

goods received, in-production inspection and test laboratory. Thereby, strictly and consistently addresses the requirements and the needs/wants of the trade and the end customer.



273 | SERVICE LIFE AT LEAST 15 YEARS

Customer suggestions and requests as well as practical experience and the results of our own studies are an ongoing and essential part of the development process. All the materials we use are tested for a minimum operating life of 15 years.

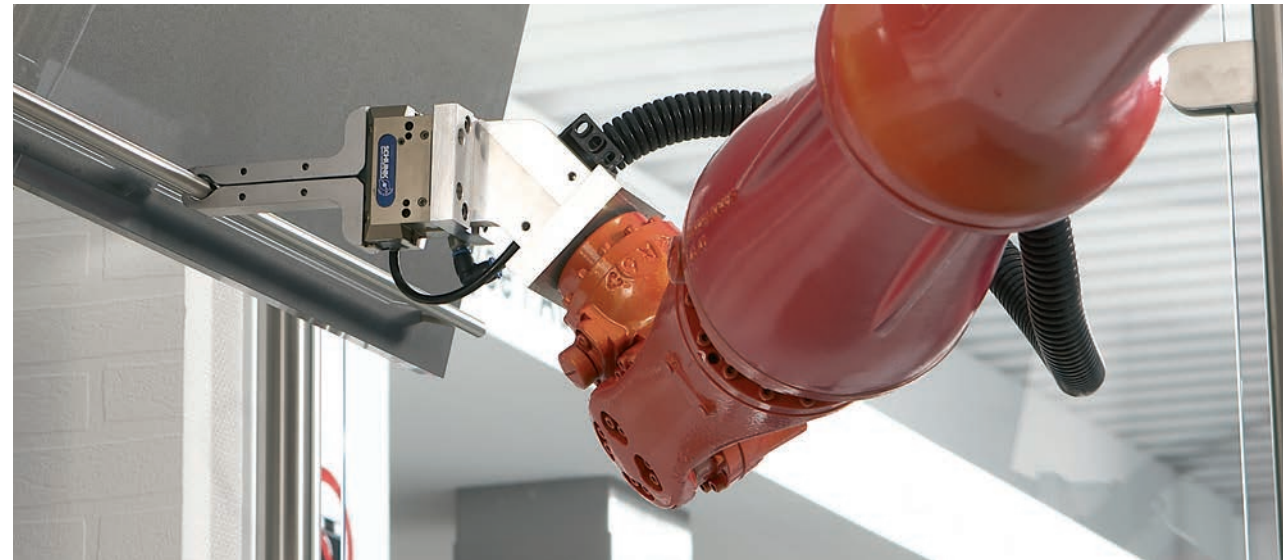
274 | ONLY FULLY DEVELOPED PRODUCTS ON THE MARKET

New developments are subjected to extensive testing in the laboratory before they ever make it to series-production.

ROBOTIC TEST STATION

DAILY KITCHEN ROUTINES UNDERGO ENDURANCE TESTING!

Our robot is an all-round talent. He can be programmed so that his functions and movements correspond to the real work actions in a kitchen. Such as: opening and shutting the swivel flap doors and folding flap doors, opening and shutting the full pull-out, opening and shutting the hinged doors. 15 years of daily kitchen use are thus simulated in fast motion under realistic conditions.



275 60,000 TIMES
IN TWO WEEKS

Doors and pull-outs undergo opening and closing with at least 60,000 load cycles by robots.



STATIC LOAD

There are guidelines for virtually everything. Our entire lives are for the most part regulated by standards. Though at times this can be confusing, it is however, helpful when you are dealing with the sturdiness, longevity and safety of kitchen furniture. Exactly what kitchen furniture must withstand is specified in the respective DIN standards.

For maximum safety and in consideration of a long service life, our self-imposed standards often far exceed what is required. In the laboratory we continually test the load bearing capacity of top and bottom shelves and loose shelves on the load-bearing wall.



276 75 KG BEARING LOAD PER WALL UNIT

The wall suspension and wall unit construction are designed to hold 75 kg. This is far more than conventional tableware weighs: An 18 piece coffee set made of porcelain, for instance, has an average

weight of roughly 5 kg. Put another way, we are talking about the weight of a coffee set that would serve 90 people.

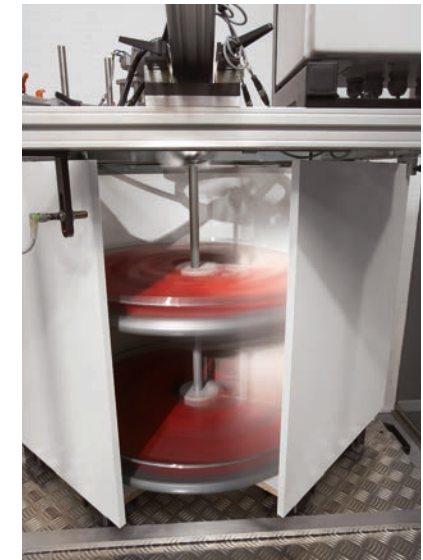
IN GREAT DEMAND...

We test hinged doors, pull-outs and larder units – in short, all moving components, in continuous operation for a total life-span of more than 15 years and – for us indispensable – always with full capacity. In the process, we put stress and strain on our furniture in the QC laboratory, at times, up to three times longer than required by the DIN standards.



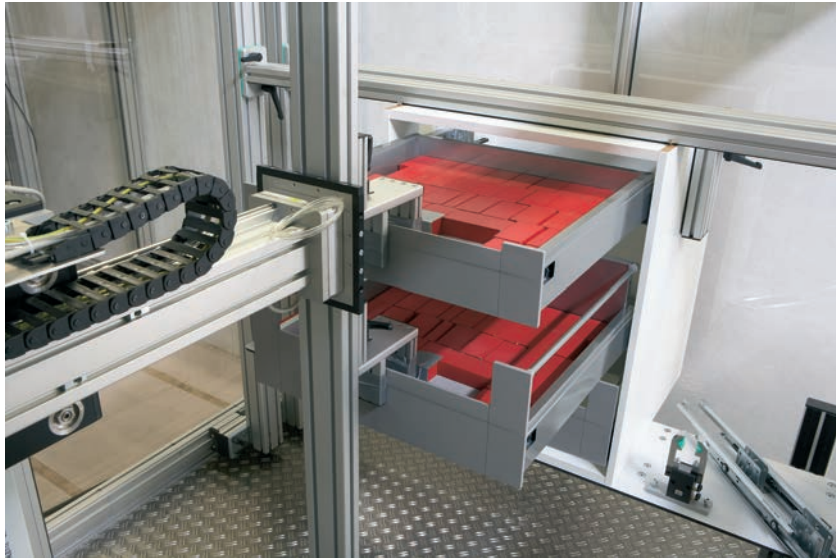
277 LARDER UNIT

- 60,000 – 80,000 load changes depending on load
- This equates to approx. 11 to 15 times the amount of opening and closing performed in a day.



278 CAROUSEL CORNER UNIT

- 60,000 load cycles
- This equates to approx. 11 times the amount of opening and closing performed in a day.



279 DRAWERS
PULL-OUTS

- 60,000 - 80,000 load changes
- This equates to approx. 11 to 15 times the amount of opening and closing performed in a day.



280 HINGED DOORS

- 80,000 load cycles
- This equates to approx. 15 times the amount of opening and closing performed in a day.



281 ROLL-UP FRONTS

- 60,000 load cycles
- This equates to approx. 11 times the amount of opening and closing performed in a day.

285 CONDENSATION WATER CONSTANT CLIMATIC TEST

Components (e.g. painted attachment parts, metallic components) are kept in a water bath at a constant test room temperature of 40°C.

The constant humidity (100% relative humidity) created in the test chamber serves for testing the resistance of components to climatic influences/humidity.



286 SALT SPRAY TEST

Metallic components such as handles are exposed to extremely aggressive corrosion through salt spray. The objective: even after this test the components cannot show any signs of corrosion.

287 ABRASION TEST HANDLES

A cowhide strip loaded with ball bearings is moved over the handle surface in the testing device. This test simulates the abrasive wear on a handle over a period of 15 years.

STORAGE UNDER CLIMATIC STRESS

During the climate test we simulate various climatic influences. For instance, the conditions of a container transport over sea, installation of the kitchen in a tropical climate as well as long-term simulations and accelerated ageing tests. All furniture components are subjected to various climatic tests.

ARTIFICIALLY ACCELERATED AGEING

In addition to the climate test, the climatic exposure test cabinet can also be used to simulate the ageing process. Just like in a time machine, we simulate changing climatic forces and allow the new components to age artificially. Here, 15 years pass in just 270 hours. The objective: high resistance even under extreme conditions.



288 CLIMATIC TEST

The climatic test incorporates extreme changes in temperature and humidity over multiple cycles in accordance with the respective DIN standards.



289 COLD CHECK

The paint-bonding properties are tested with extreme temperature fluctuations: first, at -20° C Siberian cold for 16 hours and then at the extreme heat of 50° C for 8 hours.



With a so-called cross-cut adhesion test we determine to what degree the paint coating has reacted to the temperature changes.

WE GET YOU ALL STEAMED UP!

Moisture, heat, cold! In the daily life of the kitchen, the individual components must withstand all these external influences. With the steam test evaluation, for instance, we test the resistance and impermeability of carcass and front component edges to water vapour.



290 RESISTANCE TO WATER VAPOUR

Components are subjected to a so-called vapour deposition tower five times in a row for 30 minutes each time. Swelling or detachment of the edge is not permitted.



The decorative surface of worktops is subjected to direct steam above boiling water for 1 hour. Colour changes and surface damage are not permitted.

TURN ON THE WATER!

Water is the worst enemy of kitchen furniture. A well-made carcass, worktop and front must be able to withstand daily wear over a long period of time. We test for the resistance and impermeability of edged materials with submersion in a water bath.



291 WATER BATH TEST

According to testing guidelines, the components stay for two hours with the test edge submerged in a water bath. Changes to the component such as swelling damage or tears are not permitted even after this period of time.

The test is performed in accordance with own testing standard and is also performed as series-accompanying tests during production.

EVERY KITCHEN FRONT MUST BE ABLE TO WITHSTAND 10 YEARS WORTH OF SUN ON THE ISLAND OF SYLT!

We even test our furniture surfaces for this. Using a Xenon arc lamp in the laboratory we simulate the amount of UV irradiation that a kitchen would be subjected to over the years. This allows us to artificially age the surfaces. That way, we can accurately determine the degree of discolouration in the time elapsed and avoid such large deviations in the first place.



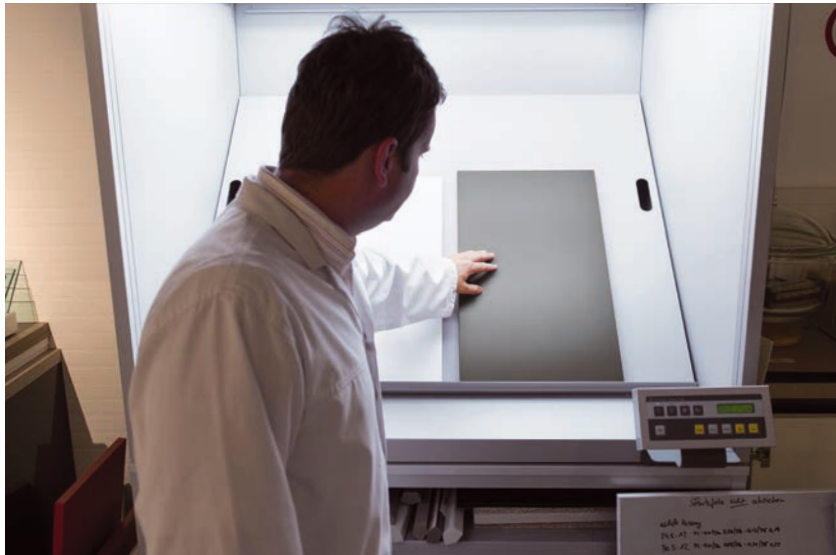
292 SUN TEST

The characteristics of the irradiated surface are compared with the characteristics of those surfaces which were covered.

- A grey scale in accordance with DIN EN 20105 is used for the assessment.
- The test procedure is described in DIN EN 15187.

COLOUR FIDELITY OF THE RANGE

In order to eliminate colour deviations from series production surfaces, we test our materials under different standardlight types and compare these with specified colour standards (Metamerism Index). In this process we evaluate the surfaces in daylight, artificial light and fluorescent light.



293 STANDARD LIGHT TEST

The reliable evaluation of colour and degree of gloss is very important, for instance, when one is dealing with reorders from other batches. The colour accuracy must be ensured and the degree of gloss must always be the same.

DANGER, HOT!

How much heat can a worktop withstand? Anyone who has ever left a hot pot sitting on the worktop is familiar with this situation. For a while the worktop can withstand it, but at some point a burn ring forms. We test the limits of the materials resistance under extreme conditions in the laboratory.



294 HEAT TEST WET AND DRY

We test the heat resistance of worktops in accordance with DIN 68930:

- Heat resistance to dry heat up to 180° C
- Heat resistance to moist heat up to 100° C

GOOD DESIGN FOR EVERY TASTE

The goal is to fulfil the increasingly individualised wishes of customers with excellent kitchens that meet their everyday needs at an affordable price.



SETS STANDARDS

SETS STANDARDS

As a provider operating worldwide, feels highly responsible for customers and employees, products and production processes. The quality of our products and services is our prime objective. The clear focus on quality and customer benefits is an essential prerequisite to our success. However strength lies not only in its technologies and products, but more than anything else, in its employees. Health and well-being are the basis for our employees productivity and motivation. Occupational safety and environmental protection must be guaranteed at all times. We wholeheartedly embrace the principle of taking responsibility for the future. This is an inherent part of our thinking and doing business. In doing so, we take into account economical, ecological and social issues in equal measure.



319 THE FIRST ONE THERE

DIN EN ISO 9001: 2015 Certified Quality Management
ISO standards are standards that are valid in all of Europe and recognised worldwide. In accordance with DIN EN ISO 9001:2015 the quality management systems of a company are evaluated in their entirety. The central idea of quality management is to analyse customer requirements and to establish and monitor processes, in order to produce products in accordance with market demands. The certificate has market-strategic significance and guarantees the future of a reliable customer relationship. In 1994 was the very first kitchen furniture manufacturer in Germany to become certified. In March 2019 the QM certificate DIN EN ISO 9001:2015 was reconfirmed.



320 IT IS OUR PLANET

DIN EN ISO 14001: 2015 Certified Environmental Management
The DIN EN ISO 14001 is the certification standard of environmental management systems recognised worldwide. Since 2007 has been successfully undergoing the environmental certification process in accordance with this ISO standard, which particularly emphasises environmental protection and conservation of natural resources. The assessment comprises the company environmental policies, its verifiable environmental goals and the company-wide environmental programme designed to achieve them. The ISO environmental standards require an environmental management system that regulates planning, implementation, controls and improvements within the framework of a continual improvement process. The certificate is an essential prerequisite for success in many markets. With it, offers their trade partners the reliability of a sustainable, certified environmental management. In March 2019 the QM certificate DIN EN ISO 14001:2015 was reconfirmed.



321 ENERGY MANAGEMENT SYSTEM

DIN EN ISO 50001:2018 Certified Energy Management System
The subject of energy (costs) is becoming increasingly important, in the private sector as well as in the production sector in particular. For this reason we made it a priority to use its energy (electricity, gas, wood, oil, diesel, etc.) optimally and carefully, as well as in an ecologically sound manner, and where possible, to save energy. we encourage consistent energy management by developing suitable measures within the framework of continual energy improvement processes.



322 OUR RESPONSIBILITY

PEFC / 04-31-1281
Since July 2009 first kitchen manufacturer certified in accordance with PEFC (Programme for the Endorsement of Forest Certification Schemes). This certification documents commitment to a livable environment and takes responsibility in handling precious wood resources. Because the wood materials we use come from sustainably managed forests and controlled sources. Forest certification provides the guarantee that the wood products you purchase do not derive from questionable sources or over-exploitation, but rather originate from forests that are managed in harmony with nature. The purchase of a PEFC certified kitchen demonstrates the buyer's sense of responsibility for our environment.





323 BLUE ANGEL ECO-LABEL (BLAUER ENGEL)

In July 2012 the company was the first and to date only kitchen furniture manufacturer to receive the official environmental seal of the „Der Blaue Engel“ (the blue angel). This mark of the German Federal Ministry of the Environment promotes the values of environmental and health protection as well as those of consumer protection. It distinguishes products and services that are of particular benefit to the environment from a holistic perspective and at the same time, that meet high standards of serviceability as well as health and occupational protection. The „Blauer Engel“ was awarded to the following ranges: Chalet 977, Credo 545, Fashion 406, Flash 648, Focus 312, Inline 526, Laser 615, Lux 555, Pura 917, Rio 253, Riva 371, Speed 351, StoneArt 566, Structura 382, Sylt 706, Touch 317 and York 985.



324 THE GOLDEN M

RAL Quality Seal 430
This quality seal is awarded by the Deutschen Gütegemeinschaft Möbel e.V. (German furniture quality seal). The strict requirements of the DGM far surpass those of national and international standards and distinguish products of above-average quality. Quality tested and approved furniture must be sturdy, safe, durable and well-made – and it cannot contain any ingredients deemed hazardous to health. Meticulous tests and strict controls ensure that furniture with the RAL quality seal adhere to the extensive criteria. The German “Golden M” counts both nationally and internationally as one of the most distinguished quality certificates issued based on the most stringent criteria. For consumers it means certainty that a product is of first class quality and has been manufactured in an environmentally safe manner.

The long-standing, intensive cooperation between DGM, the Deutschen Verbraucherzentrale (German consumer protection agency) and the Stiftung Warentest (German non-profit organisation for independent product testing) is an important basis of trust for the consumer.

325



EMISSION CLASS DGM
Having met all award requirements, our kitchen furniture was awarded the highest emissions class of A by the Deutschen Gütegemeinschaft Möbel e. V. (German Association of Quality Furniture).

326 DGM CLIMATE AGREEMENT



the first kitchen manufacturer to join the “climate agreement for the furniture industry” when the DGM – Deutsche Gütegemeinschaft Möbel (German furniture quality control association) – established it. This action underscores yet again our sense of responsibility for the environment and the climate objectives of the German government as well as those of the United Nations. The DGM climate agreement is based on the calculation of a company’s CO2 footprint. This footprint is continually analysed in cooperation with an environmental protection consultant.

327 PLAYING IT SAFE



GS (Geprüfte Sicherheit) mark for tested safety
This certificate is awarded by the LGA Nuremberg. The LGA belongs to the TÜV Rheinland Group (international service group) and is Europe’s largest and most important furniture testing organisation. The GS mark for tested safety is a voluntary safety mark that has significance far beyond the borders of Germany. In the area of consumer protection and occupational health and safety it is the guarantee that the safety-related requirements have been met and reviewed by an independent body such as the LGA and will also be regularly monitored. LGA quality certificates for furniture, furniture parts, components and accessories is an identifying feature for tested and controlled quality and product safety.

