# QUALITY GUIDE



**QUALITY & FUNCTION** 

222 good reasons for choosing a nobilia kitchen



# QUALITY & FUNCTION



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As you know, competent and effective customer service is essential to successful sales. This includes sound product knowledge that goes beyond what is in the general sales documents, leaflets and image brochures. This QUALITY GUIDE is a comprehensive compendium of "222 Good Reasons" to enhance your customer service. The Quality Guide provides you with answers to pivotal questions so that you are well prepared for sales consultations. We show you what makes a nobilia kitchen so valuable: an intelligent and practical design of the individual components in addition to sophisticated fittings and functional technology in superior quality!

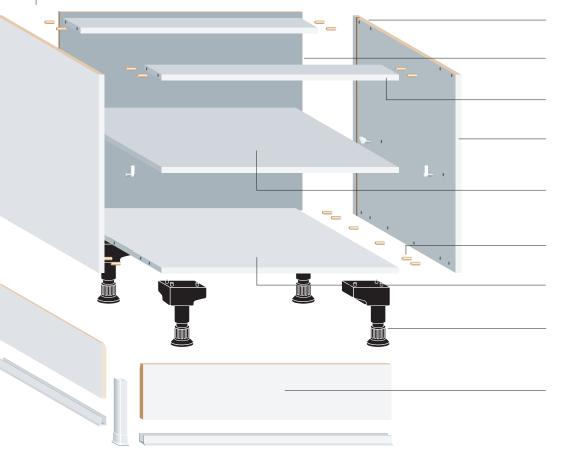


From the quality to the distinctive features and characteristics of the different materials and surfaces to the planning specifics and special installation aids: we have compiled the most important information about nobilia in this comprehensive guide. In the chapter QC Laboratory, we also introduce you to the preventative tests as well as load tests and testing methods used during series production, which nobilia kitchens must pass. We hope you enjoy reading this Quality Guide.

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#### THOROUGHLY WELL-MADE

nobilia uses highly automated series production to manufacture more than 2300 types of cabinets. The manufacturing base is the dimension® modular system with three base unit heights, five wall unit heights, four dresser unit 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 carcase

Crossbars 19 mm thick, both faces melamine direct coated

Carcase 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

Plinth panels made of MDF 70 mm, 100 mm, 150 mm, 200 mm 13 mm thick, direct coated

#### CARCASE MATERIAL 16 MM

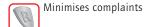
Side panels 16 mm thick, both faces melamine direct coated – thus, extremely durable and easy-care.





# 6 | SHELVES 16 MM ANTI-TIP DEVICE

Shelves have PVC-wrapped metal shelf supports with shelf locking devices for lasting anti-tip protection. This guards against accidental pulling out and pushing upward of the shelves (child safetyguard).





Load capacity



Easy to assemble



Great value

#### THE CARCASE

# 2 | FRONT EDGE OF CARCASE/

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



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



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.



The high quality construction of the carcase elements in addition to the well-thought out fittings technology is the result of many years of experience and continual process improvements in the production flow.

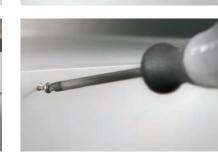
Ulrich Wostbrock, Head of Design Department/ Development







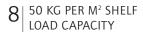






#### 7 | GLASS SHELVES

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.



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.



# 9 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 carcase in 7 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,



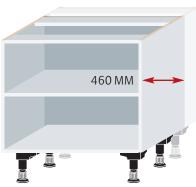
and is thus mould-resistant.



#### IT'S WHAT IS INSIDE THAT COUNTS!

## 10 | IT ALL FITS!

- Carcase depth for base and tall units: 560 mm
- Useable depth: 522 mm
- Maintenance-free fittings/ easy-to-assemble



# 1 | SIDE DEPTH 460 MM | WITHOUT SURCHARGE

The side depth of 460 mm provides planning reliability for planning of narrow room layouts without surcharges for custom productions.





# 12 | MOISTURE PROTECTION SHELF

Optional: the moisture protection shelf for sink base units and for units with special requirements, for instance appliance units, prevents scratching of the bottom shelf by vacuum cleaners and other devices. Residual moisture protection for cleaning buckets, brooms or cleaning materials.



13 STURDY METAL CROSSBARS

Cookerhousing units, sink units or corner carousel units are provided with remarkable stability due to the integrated metal crossbars.

#### PRODUCT FEATURES OF CABINETS

The quality of kitchen components is not usually in the foreground, but rather concealed in the interior, and yet it is so important. This holds true for metal crossbars, protection panels and metal shelves that lend the design stability and durability.

Andreas Bielefeld, Director of Product Management





#### 14 | FULLY UTILISABLE

The metal grid in sink pull-out units can be freely positioned. Thus, a recess for the sink waste pipe is not necessary and the pull-out is fully utilisable.



# 15 STEAM PROTECTION PLATE DISHWASHERS

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





# 16 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).





# 17 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.





## THE PLINTH - STEADY!

Plinth feet independently

always stands straight!

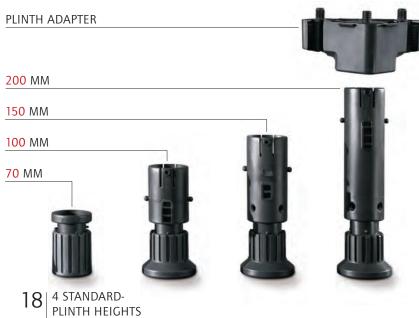
Load capacity: 250 kg per

unit /4 feet.

adjustable. Ideal for uneven tiled floors, as the cabinet

Can accommodate

granite worktops.



■ The sturdy plinth construction

70, 100, 150 and 200 mm.

Deviating plinth heights in intermediate sizes (10 mm

grid) possible with adapter.

ref. 4187)

(see Sales Manual, chapter 3,

with adapters and feet comes in the standard heights

■ Adjustable range: -10 to +20 mm



# 19 | SIDE PLINTH PANEL 50 MM ADDED

The fitters will be happy: By adding another 50 mm to side plinth panels the fitter can adjust the panel on site.



#### 20 | 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 care.



# 22 | FLEXIBLES FLOOR SEALING PROFILE

The floor sealing profile adapts even to uneven tiled floors, creating a clean finish and preventing penetration of moisture and dirt into the plinth interior.



# 23 ADDITIONAL DELIVERY PLINTH PANEL

With every kitchen we supply an additional 2300 mm long plinth panel.

This aids in preventing complaints and can also be used as reserve material for on site adjustments or as panel material.



# 24 | WATERPROOF PLINTH PANEL

Waterproof plinth panels with stainless steel appearance or foil-coated mirror décor are available for a surcharge. They are useful everywhere where it is particularly humid and damp, and they look great as well.

#### 71 | JUST TO MAKE SURE

These plinth feet solutions provide anti-tip installation of free-standing kitchen runs or islands.





# 25 | LIGHTWEIGHT AND AIRY - OPEN PLINTH SYSTEMS

In conjunction with 25 mm thick upright panels different plinth feet can be used for elements. All feet can be individually height adjusted.



# 26 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 standardised introduction of SENSYS means even more quality and perfection in the hinge technology from nobilia kitchens. The multi award-winning SENSYS hinge with integrated cushioning from Hettich represents the latest generation of hinge technology on the market. As of the 2014 collection, all nobilia kitchens, from entry level to the high end segment, will be equipped with SENSYS as standard at no surcharge. In this way, the company provides innovative technology with excellent value for money.

SENSYS has already been distinguished with the "red dot design award 2008" and the "iF product design award 2009" for its excellent design.





reddot design award

perfectly with one another for

a harmonious overall look. The

Silent System cushioning is as

invisible as the release tab of

the hinge.

#### 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°.

#### 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.





#### 30 | RELIABLE **OUALITY**

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.



#### **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.



#### HINGE TECHNOLOGY | HINGED DOORS

#### **3** ) | PERFECT ADJUSTMENT

SENSYS hinges are threedimensionally adjustable. Thus, SENSYS always provides a per-



fect gap pattern in the kitchen, even on thick doors with small radii.







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

DOOR HINGE BUFFER



# 34 | 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.



35 | 165° - HINGE FOR CORNER WALL UNITS

Corner wall units are equipped at the factory with 165° hinges. This enables convenient access even in hard-to-reach corners. The door cushioning for mounting on the hinge is also supplied as standard!



36 | 95°-HINGE FOR DIAGONAL CORNER UNITS

95°-hinges are used in diagonal corner units.
The limited opening angle prevents contact with the door handle of the adjacent unit.





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.





38 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<sup>+</sup>

#### MADE FOR THE FUTURE

#### 39 METALLIC STEEL FRAME

The Profi<sup>+</sup> 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.



# 42 | 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.

# 40 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.



#### 43 | 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.

# 41 | EXCEPTIONAL STABILITY

System load capacity: up to 40 kg for a width of 600 mm, up to 60 kg for a width of 800 mm and 900



800 mm and 900 mm, up to 70 kg for a width of 1000 mm.



# 44 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.

#### DRAWER AND PULL-OUT SYSTEMS





#### HIGH-QUALITY DESIGN

The Profi<sup>+</sup> 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.

# 46 | HIGH-QUALITY WORKMANSHIP

Profi<sup>+</sup> inspires with its highquality workmanship. The connections between front panel, rear panel and frame as well as that between drawer and guides are sturdy and secure.

With the new Profi<sup>+</sup> drawer system, nobilia introduces an innovative product highlight of the highest technical level which once again raises the bar in the kitchen market. The Profi+ system, which received multiple awards, impresses with its superior smooth running action, exceptional stability, highquality design and added storage space. Moreover, Profi<sup>+</sup> scores with its simple assembly and easy adjustment. Since August 2012, all nobilia kitchens are manufactured with the new Profi<sup>+</sup> drawer system.

















NEW 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.

48 | EASY-TO-CLEAN

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

49 | ASSEMBLY WITHOUT TOOLS

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



#### 50 | SENSOMATIC

Due to the electro-mechanical opening system for drawers and pull-outs, only a light touch is needed in order for the pull-out to open. With base units, this is also possible using the knee (for instance for waste collecting system). Thus, there is no need to touch the door with full or dirty hands.

#### WHAT TYPE OF WOOD IS MY KITCHEN MADE FROM?

# 51 | CARCASE DÉCORS - CLEANLINESS FIRST

- Interior carcase colour: standard = White.
- Bright interior: good overview, everything is easier to find.
- End customers connect White with factors such as hygiene, cleanliness, health.
- Exterior carcase colour:
   Freely selectable in 17 trendy carcase colours.
- Glass wall units or shelves are available in carcase décor on both faces (interior as well as

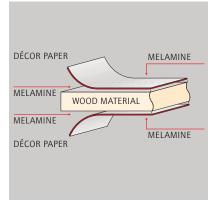
- exterior) without a surcharge. Thus, there is no visible side specification necessary.
- No surcharge for exterior décors. And with a later relocation, all units can be repositioned – no visible side problematic.
- Information regarding care of carcase and fronts can be found at: www.nobilia.de in the menu item Service.

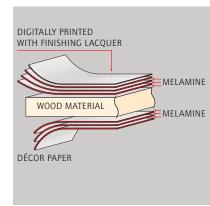


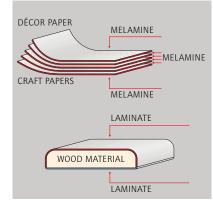












# 52 | MELAMINE DIRECT

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

# 53 FRONTS WITH DIGITAL PRINT

- Digital print with water-based UV lacquer
- Striking genuine wood character
- Easy to clean despite deep relief texture
- High quality substrate material

# 54 | MELAMINE RESIN LAMINATE

- For seamless fronts with vertically rounded edges
- For horizontally rounded worktops
- Extremely resilient
- The surface is multi-layered and therefore thicker than the melamine front.
- Sturdier than the melamine fronts



# CARCASE DÉCORS | FRONTS



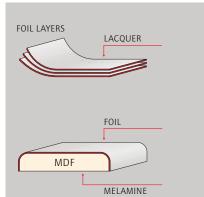


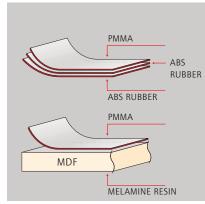


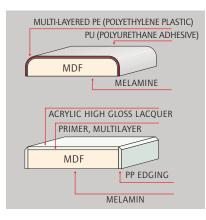


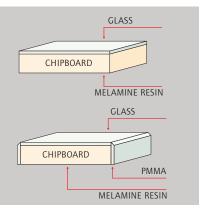
#### QUALITY FOR ALL PRICE GROUPS State-of-the-art processing

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









#### 55 | 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

#### 56 ACRYLIC FRONTS

- Shine and depth of gloss unequalled in glass reproduction
- The look of real glass, only lighter and more affordable
- Ample strength, shatter-proofUnrivalled for metallic effects
- Easy-care simply treat scratches with polish

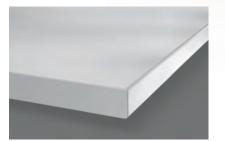
#### 57 | LACQUER FRONTS

- 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

#### 58 GLASS FRONTS

- Exquisite degree of shine, for a look that is unsurpassed
- Optimal for kitchen furniture
- Resistant, easy to clean
- Upper price segment







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.



60 DÉCOR EDGE

Décor edges are 1.5 mm thick PP plastic edging, available in all worktop décors and 4 COLOR CONCEPT colours. The PP edging is glued with waterproof PUR adhesive.

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



nobilia 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).
- The thickness of the laminate measures 0.6 to 0.8 mm.
- Lateral cut edges are provided with décor edging.
- Usable depth: Standard 600 mm up to max. 1170 mm, 1200 mm for N edge
- Butted glued joints are ensured with waterproof D3 glue (PVAC - polyvinyl acetate glue).



51 | 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.

SECURITY DURING TRANSPORT

The outer corners of cornice strips

are factory glued, completely enfolded in cardboard and

securely fastened. For transport

safety, the cornice strips are also

secured in place on the support cardboard using wood blocks.

#### WORKTOPS | UPRIGHT PANELS | CORNICE STRIPS | LIGHT PELMETS

# 62 WORKTOPS SEALING TAPE

All nobilia worktops are also supplied with a 9 metre long sealing tape for worktop cut-outs and for insulation of the worktop above ovens and dishwashers. Other conventional sealing materials are unnecessary for installation.

This seal is quicker, cleaner and more secure.



















# 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).



Slim Line is made from a high quality laminate panel coated on both faces. Laminate thickness: 0.6 to 0.8 mm. Increased functional value with HPL and CPL surfaces. Décor edge on all sides in 1.2 mm.

# 66 UPRIGHT PANEL SYSTEMS: 69 DÉCORS IN 4 MATERIAL THICKNESSES AND 5 DESIGN GROUPS

nobilia upright panel systems are available in 69 décors and widths of 16 mm, 25 mm and 50 mm. The Oak Provence reproduction décor is also available in 100 mm width.

The available range of units is dependent upon the material thickness: upright panels, wall shelves, cover panels, plinth and cornice shelves.

Light pelmets are secured to the support cardboard during transport with plastic packaging bands. For more information about safe and secure packing, refer to pq 46/47.





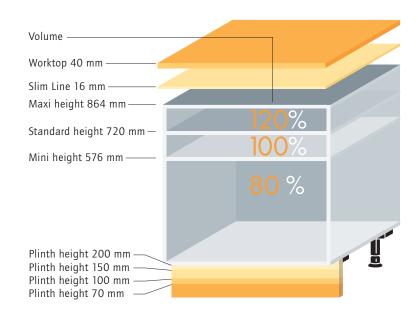
# CUSTOM KITCHENS – WITH DIMENSION® BY NOBILIA

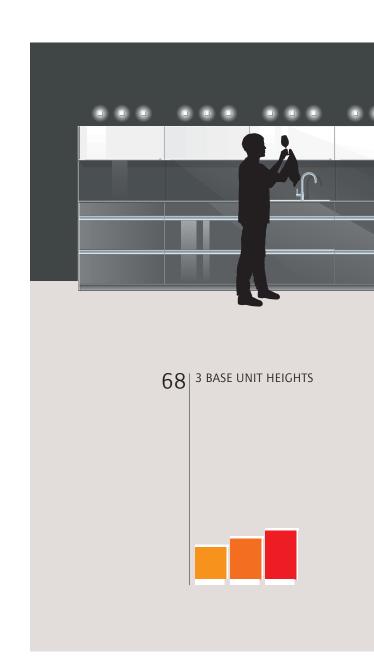
dimension® creates the perfect blend to meet the various individual needs for organisation, storage, ergonomics and design. Design-oriented kitchen design combined with the respective optimum heights for the main work stations involved in daily kitchen activities – formally and ergonomically perfect!

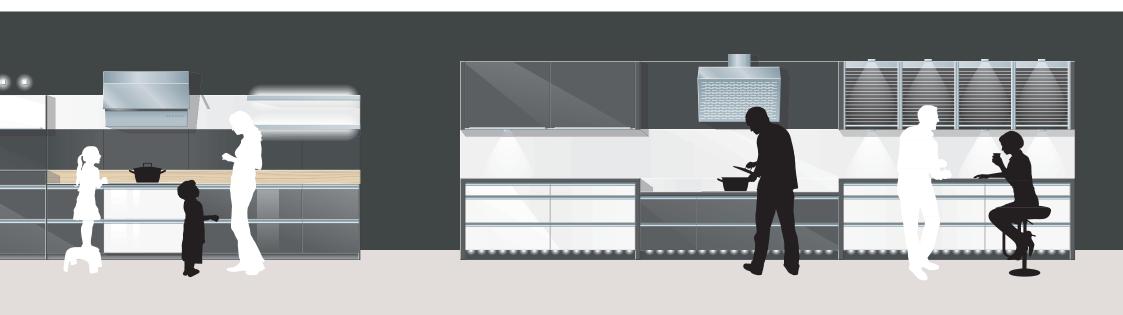
dimension® stands for more "capacity", more leeway in planning and even more planning security.

#### 67 24 ACTIVITY HEIGHTS

The nobilia dimension® grid systems offer design-oriented kitchen planning while incorporating correct activity heights by combining a total of 24 different working heights. With three base unit heights, four plinth heights and two worktop heights, a variety of 24 different activity heights can be achieved, which perfectly support the ergonomic requirements of today's kitchen users for the various activity zones in the kitchen. The right dimension for every task.









#### SYSTEM GRID

## MODERN 4 STAGE GRID

# TRADITIONAL 5 STAGE GRID





# 74 THE MODERN 4 STAGE GRID

Here, the base standard height is divided into a maximum of four 177 mm high drawers. The pull-outs are 357 mm high, continuous doors are 717 mm high. The 72 front design is based on the 717 mm door height and supports straightforward modernity as well as emphasises international contours in the kitchen.



# 75 THE CLASSIC 5 STAGE GRID

Here, the base standard height is divided into a maximum of five 141 mm high drawers. The pull-outs are 285 mm high, doors are 573 mm high and pinned with a panel, or positioned beneath a drawer. The 57 front design is based on the 573 mm door height and is predominantly used for the choicest classic front designs.



# MODERN 4 STAGE GRID WITH MAXI HEIGHT



# 76 | ERGONOMICALLY PERFECT: MAXI HEIGHT

Also when combining different activity heights, the front designs in 4 and 5 grid remain in place.

Maxi height in conjunction with standard heights in 4 grid is particularly well-suited for raised sinks and preparatory kitchen work areas.



# TRADITIONAL 5 STAGE GRID WITH MINI HEIGHT



# 77 | ERGONOMICALLY PERFECT:

Mini height in combination with standard heights in the 5 grid. An ideal solution for lowered hot plates.



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 made of anodised stainless steel allow comfortable access to doors, drawers and pull-outs.

# 2 BASE UNIT HEIGHTS 3 WALL UNIT HEIGHTS 360 mm | 720 mm 359 mm | 718 mm | 904 mm 3 TALL UNIT HEIGHTS WITH 3 TALL UNIT HEIGHTS WITH HORIZONTAL RECESSED HANDLE VERTICAL RECESSED HANDLE 1485 mm | 1997 mm | 2183 mm 1485 mm | 1997 mm | 2183 mm

#### 78 | LINE N THE PRODUCT RANGE

- LINE N kitchens are available in 3 ranges and 13 front designs.
- A broad price spectrum that reaches from the entry level price in PG 2, through PG 4, and to the high end segment of PG 9.
- Extensive range of units with two base unit heights, three tall unit heights and three wall unit heights.
- No separate distribution line, but rather fully integrated into the nobilia range; clearly arranged in a separate chapter.
- The nobilia kitchen block pricing method also applies to LINE N kitchens.

# THE HANDLE-LESS KITCHEN LINE N

Recessed handles: Design and Material

- The handle profile is made of aluminium in a stainless steel finish, anodised and brushed.
- 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 routered 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 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.



80 RECESSED HANDLES HORIZONTAL

- The maximum profile length for horizontal recessed handles is 4000 mm.
- The horizontal handle profile as well as the required mounting materials, 90° corners and end caps are included in the unit price.



#### RECESSED HANDLES VERTICAL

- Vertical recessed handles are supplied in suitable lengths for highboards and tall units.
- Vertical recessed handles are individually planned and invoiced. These are not included in the unit prices.





#### **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.



#### 82 | ROUTERED OPENINGS

Routered 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.





#### 86 | PLANNED END OF RUN WITH FRONT UPRIGHTS

Due to front end uprights NUWF/NHWF with L profile, the recessed handle can appear to be the end of run if visually traced back along the carcase. Front uprights are available with grain/motif direction on both faces for island solutions. Front uprights are available in all LINE N front designs.



#### 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 carcase side is routered through and the recessed handle ends at the upright.

## 83 | 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.



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





#### 88 | 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 carcase side



comes standard with a pocket routered opening.





# DISTINCTIVE PLANNING FEATURES LINE N

#### Planning with dishwashers

- $\hfill \blacksquare$  Only fully integrated dishwashers can be planned.
- A minimum plinth height of 150 mm is required for planning dishwashers.
- Include an end upright when planning a dishwasher at the end of run.



89 DISHWASHER - APPLIANCE HEIGHT 810 - 820 MM

They are mounted beneath the recessed handle (L profile). Adjacent base or tall units with C profiles will be provided with a milled pocket. In addition to the end upright, a special front upright is available for planning dishwashers as end of run.



90 DISHWASHER - APPLIANCE HEIGHT 840 - 865 MM

Large-capacity dishwashers are planned with a spacer frame with integrated recessed handle. The recessed handle is routered all the way through and ends with the carcase exterior of the adjacent units. Between the dishwasher and the adjacent base units there is a 3 mm hairline gap.



91 | PLANNING WITH INDUCTION HOT PLATE

L profiles beneath induction hot plates can be routered in three lengths: 550, 750, 850 mm. The milled depth is 5 mm. The necessary width will be determined based on the hot plate ordered. For this reason, it is absolutely necessary that the appliance information is included in the order.



92 TALL UNITS - HORIZONTAL RECESSED HANDLE

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



#### 93 | PLANNING ON THE WALL ALWAYS WITH 15 MM DISTANCE

- As a rule, various built-in appliances must protrude by 15 mm when planned with 600 mm deep worktops or top shelves.
- Spacers for mounting are

included in the scope of delivery. Example:

- 580 mm = Base unit footprint
- +15 mm Distance to wall
- = 595 mm Planning dimensions
- Overhang of worktop, at the front 3 mm, at the side 1.5 mm

#### 94 | HANDLE PROFILE FOR WALL UNITS

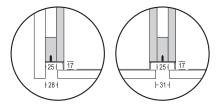
- LINE N wall units are available in heights 359 mm. 718 mm and 904 mm.
- The wall units have a profile strip attached to the wall unit bottom shelf.
- The handle profile is visually identical to the MP-WOG from the standard range. Handle-less wall units can thus be combined with the LINE N range.



# 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) are individually planned and invoiced. An end upright is always required for the planned end of run and for adjacent base units.





End of run recessed handle

Intermediate recessed handle





# 96 CORNER SOLUTIONS WITH FILLERS

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





#### LIGHTING FOR WALL UNITS

- For a surcharge, the integrated lighting designs NOVA PLUS, MANILA PLUS, POINT and POINT RGB can also be built-in.
- Optionally, for a surcharge, a profile strip with LED lighting or a lighted bottom shelf are available for use as wall unit bottom shelf.



# DRAWER ORGANISERS











98 CUTLERY TRAYS

A large selection of cutlery trays made of plastic or wood provides the very best drawer organisation.
Fits all drawer widths from

Fits all drawer widths from 300 mm to 1000 mm with 560 mm side depth.
Several cutlery trays are available for a side depth of 460 mm.



Versatile organiser systems for drawers and pull-outs offer structured storage for everything you want to accommodate in the kitchen. From cutlery, cling wrap 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!







#### 99 FULL PULL-OUT/ UNIVERSAL ORGANISER

- Made of beech, oak or silver-grey plastic.
- Lets the customer decide where to place the solid wood or plastic dividers to suit her own kitchen requirements.
- Unit widths: 600, 800, 900 and 1000 mm

■ Full pull-out load capacity up to 40 kg, for 600 mm width, up to 60 kg, for 800/900 mm width and up to 70 kg for 1000 mm width.









100 FULL PULL-OUT 15 CM 2 METAL BASKETS

In a narrow space of just 15 cm, 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



101 | FULL PULL-OUT 15 CM BAKING TRAY HOLDER

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



102 | FULL PULL-OUT 30 CM INTERNAL PULL-OUT

An interesting solution that won't dissect your front grids. It looks like a door, but provides ingenious and ergonomic organisation possibilities.

Load capacity per shelf 30 kg



#### **PULL-OUT ORGANISERS**

We can offer our customers practical solutions specifically designed for their individual needs, especially in the area of pull-out organisation.

Cathrin Freihof, Interior designer in the Creative Studio







Pull-out unit with recyclables collector and lid for 40 litre recycling sack. Due to the narrow design of only 30 cm, the pull-out unit can be integrated practically anywhere.



104 | WASTE SEPARATION SYSTEMS

You will also find a large selection of waste systems for sink units. For further information please refer to the Sales Manual.



105 | LARGE CAPACITY PULL-OUT

The large capacity pull-out in widths of 800, 900 and 1000 mm maximises the storage space by making use of the otherwise empty space in the plinth area. This opens up enough space to store even beverage crates. And that reduces the number of trips to the cellar!



106 | CARGO PLINTH

Just like the large capacity pull-out, the Cargo plinth also makes use of the empty space in the plinth area for maximum storage. This leaves enough room for a "full scale" waste separation system in a minimum of space.

#### INDIVIDUALISED COMFORT



For kitchens with diverse floor plans, from the small to the very large, the nobilia 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.



107 | 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.

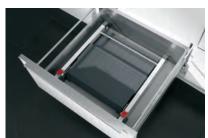




108 APPLIANCES ALL-PURPOSE SLICER

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.





109 FOLD-OUT STEPLADDER

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

#### ABSOLUTELY SUITED TO DAILY USE











110 | PLINTH DRAWER

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 and 1000 mm.

| **1 1** | 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. 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.

117 | PULL-OUT TABLE

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

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

#### THERE IS SPACE IN EVEN THE SMALLEST CORNER

With nobilia 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 mm x 1050 –1120 mm, 650 mm x 1100 –1170 mm, 650 mm x 1150-1220 mm, 650 mm x 1250-1320 mm





113 ANGLE FILLER UPE\* "DEAD CORNER"

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





114 CORNER BASE UNIT U(D)TE\*

- Price-oriented storagesolution
- Easy access due to 165° hinge
- Can be disassembled on site
- Load capacity per shelf up to  $50 \text{ kg/m}^2$











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







116 | CAROUSEL UNITS UE(D)K\*/UE(D)T\*, 360°

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







#### **CORNER UNITS**



















117 | 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



- 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

#### 119 | HALF CORNER UNIT UE(D)\*

- Diagonal corner solution with shelves
- Price-oriented storage solution
- Load capacity per shelf up to 50 kg/m<sup>2</sup>





120 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



#### | 21 | 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.







#### IT ALL FITS!

- Carcase depth for base and tall units: 560 mm
- Useable depth: 522 mm

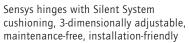
# 122 TALL UNIT WITH INTERNAL PULL-OUTS

- Easy, comfortable access■ Widths: 400, 500 and
- 600 mm

   Five internal pull-outs in all four tall unit heights

# 123 APPLIANCE AND PANTRY UNIT

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



Shelves, 16 mm with anti-tip protection

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<sup>+</sup> pull-out technology for crockery units, pantry units, appliance housings

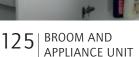






In the Cargo pantry unit the interior is linked to the door. When the door is opened, the shelves are automatically pulled forwards towards you, thus allowing easy access.





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



#### 126 | LARDER UNIT

The larder unit is equipped with a high quality full pull-out and pneumatic cushioning.
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





# - 320 MM - 300 MM **→**

#### THE RIGHT SOLUTION FOR ALL WALLS

The wall unit mounting system quarantees 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.



- Carcase depth for base and tall units: 320 mm
- Useable depth: 300 mm







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







128 COVER CAPS STANDARD

Metal coloured cover caps come standard with all wall units.

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

Shelves, 16 mm with anti-tip protection

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

Construction shelf, 16 mm with side firmly affixed with dowels







The maximum load capacity for wall units is 75 kg

Load capacity per shelf 16 kg

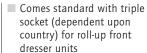




130 ROLL-UP FRONTS AND DRESSER UNITS

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.

Available roll-up front colours: stainless steel and aluminium appearance, as glass roll-up in clear glass, matt glass and black glass



Standard with 10 watt halogen spotlight for glass roll-up front dresser units. With LED lighting for a surcharge.

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















 $131|^{\,\text{FLAPS}}$ 

Flap lifting fitting with 100° opening angle and integrated soft closure for wall units in 325.5 mm and 359 mm height. The door remains in whatever position you want it. Unit widths:
450, 500, 600, 800, 900, 1000 mm

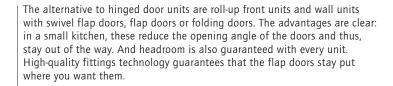
 $132|^{\,\text{BI-FOLD DOORS}}$ 

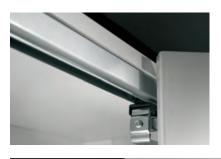
For space-saving opening of wall units. The door remains in whatever position you want it. The closing force is individually adjustable, the hinge cushioned. Unit widths: 500, 600, 800, 900, 1000 mm

133 | SWIVEL FLAP DOORS

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

# WALL UNIT | FITTINGS













134 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.

# 135 CLIMBER WALL UNIT

The trend toward electrification in the kitchen is growing. The Climber wall unit with electric glass slatted front offers maximum comfort in six glass colours. The glass slats are opened and closed automatically using the touch control operation.
Unit widths:
500, 600, 800, 900, 1000 mm



## SOPHISTICATED LIGHTING TECHNOLOGY

Wall units can be individually enhanced using integrated lighting systems in the bottom shelf or with additional lights in the base 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.











 $136 \left| \begin{smallmatrix} \text{LIGHTING DESIGN} \\ \text{MP-LA/MP-LAN} \end{smallmatrix} \right|$ 

Wall unit bottom shelf of glass with integrated lighting. For wall units from 300 mm to 1000 mm wide. MP-LA/MP-LAN serves as unit interior lighting and as a recess light simultaneously.

137 | LIGHTING DESIGN MP-LED

Wall unit bottom shelf with integrated LED light strip.
Available for 300 to 1200 mm wide wall units, minimum side depth of 180 mm.
The full-length LED light strip provides uninterrupted illumination of the recess.

138 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 300 to 1000 mm wide wall units, minimum side depth of 110 mm.

The profile strip makes opening a handle-less wall unit design easy and comfortable. The full-length LED light strip provides uninterrupted illumination of the recess.

# INTEGRATED LIGHTING DESIGNS | HANDLE-LESS DESIGNS

## 139 | LIGHTING DESIGN MP-LNP

Wall unit bottom shelf with integrated LED built-in light NOVA PLUS. For wall units and shelf units up to 1200 mm wide, minimum side depth of 180 mm. For optimum illumination with widths upwards of 800 mm use two lights.



Wall unit bottom shelf with integrated LED built-in light MANILA PLUS.
Available for wall units, shelf units and plug-in wall shelves

from 300 to 1200 mm wide.

Depending upon the width of the unit, different widths of MANILA PLUS are used.













141 | LIGHTING DESIGN MP-LP/MP-LPR

Wall unit bottom shelf with integrated LED built-in light POINT.

Available for up to 1200 mm wide wall units and shelves, minimum side depth of 210 mm and maximum of 320 mm.

For optimum illumination of recesses upwards of a width of 800 mm, two lights are used. For MP-LPR the LED built-in light POINT can also have RGB (Red-Yellow-Blue) alternating light.

142 | EMOTION TECHNOLOGY

A large portion of the LED system is equipped with Emotion technology (s. Sales Manual, accessories, lighting chapter). With it the temperature of the light can be infinitely adjusted from cold white to warm white (2700 - 6500 K). It is possible to coordinate with other sources of light in the kitchen.

 $143 \left| \begin{smallmatrix} \text{HANDLE-LESS WALL UNITS} \\ \text{MP-WOG} \end{smallmatrix} \right|$ 

Handle-less designs are becoming an ever more popular choice. Wall units are equipped with a bottom shelf with attached profile strip in stainless steel appearance for surcharge MP-WOG.

This ensures comfortable access, even in the case of large swivel flap doors. Also available with LED lighting as an alternative, see 138 MP-WOGL. Identical appearance to LINE N wall units. Which makes it outstanding for combinations.

### DESIGN POSSIBILITIES FOR SPECIALISTS

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, nobilia's 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.





# COLOR CONCEPT







# 144 COLOR CONCEPT COLOUR SELECTION

Available COLOR CONCEPT colours: Curry, Fern, Petrol Blue and Orange.

In addition, there are 17 carcase colours in other single shades and wood décors ready to be combined.

### 145 | AVAILABLE RANGE OF UNITS

- Shelving, recessed shelves
- Wall unit with glass sliding doors
- Niche cladding
- Panel wall sets
- Worktop décor edges

The range of items is identified accordingly in the Sales Manual.



The panel wall sets are ideal for enhancing free wall spaces as well as niches. For exceptionally convenient planning, six basic sets are available for two niche heights, one highboard height and three tall unit heights. The panel elements can be individually equipped with wall shelves, glass shelves, shelf units, lighted shelves and the railing system.





Panel wall sets have a mounted depth of 25 mm and are produced in widths of 250 - 2580 mm.
All carcase colours and worktop décors as well as select high gloss décors are available.
Textures always run horizontal.

In addition, panel wall sets are available with stainless steel appearance. The profile system with stainless steel appearance is the perfect visual and functional frame for the panel walls.



1/7 | INDIVIDUAL EQUIPMENT

The panels can be customised with wall shelves, shelving, lighting and railing systems. All elements can be removed and repositioned in one simple motion.





148 PANEL MOUNTING BRACKET FOR TV

TV mounting bracket, suitable for screen sizes from 19" to 32". The maximum load is 15 kg.





Adjustment possibilities: Swivels 60° to the left and right, inclines 10° toward the front or back.

## ISLANDS WITH FLOATING APPEARANCE



The design of islands with floating appearance is possible using pedestal plinths. The design height of 910 mm is achieved using a plinth height of 150 mm in combination with units in special heights 360 and 432 mm. The pedestal plinth is offset to the back by 150 mm as standard. This gives the floating appearance of the island.





The pedestal plinth is comprised of: 25 mm thick pedestal base, pedestal feet and plinth panel. Maximum length: 500 to 2580 mm.
3 island depths: 625 mm / 929 mm / 1070 mm.





150 | SAFETY FIRST

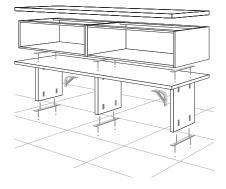
The pedestal feet of the island are bolted to the floor to prevent the island from tipping over or moving. The screw connection is mandatory due to safety reasons. The dowel length is 100 mm. Please determine in advance whether underfloor heating is present.



151 | FITTER-FRIENDLY

The pedestal feet made of beech Multiplex and the pedestal base are prepared at the factory to be fitter-friendly.





# BASE UNITS IN SPECIAL HEIGHTS | DESIGN VARIANTS

Units in special heights are available with three carcase 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.

For a surcharge the units are available in two equipment variations. These offer additional freedom of design for modern, design-oriented kitchen planning adjacent to the living area.



# 152 BASE UNIT IN FLOATING APPEARANCE MP-SUO

For a design with floating appearance, the base units are equipped with a heavy-duty mounting fitting and a support plinth for a surcharge.

The units appear to float above the ground. Can be planned with special heights 360 and 432 mm.

The heavy-duty mounting fitting ensures secure mounting in honeycomb brick, sand-lime brick and concrete.
Suspended mounting without support plinth is not permitted.





# 153 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 or TV bench.





# THAT'S A HIT!

# 154 PACKING CARCASE COMPONENTS

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

# 155 CORNER PROTECTION

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

# 156 PACKING WORKTOPS

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

# 157 PACKING PLINTH STRIPS

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





158 | HARD PLASTIC CORNERS

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





159 PACKING CORNER CAROUSEL UNITS

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





160 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.







161 | PROTECTIVE FOIL

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





162 UNITS PRE-ASSEMBLED

All units and interior equipment are delivered fully assembled. This saves installation time and everyone's nerves.

















The nobilia 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.



164 INSTALLATION INSTRUCTIONS

For all installation procedures you will find detailed installation instructions for every commission and of course also at our web page: www.nobilia.de in the menu item Service.



# RESPONSIBILITY TO EXCELLENCE: QUALITY ACCORDING TO QC STANDARDS

### NOBILIA QUALITY MANAGEMENT

Quality objectives at nobilia are defined company-wide. The quality management is preventively and consistently in place covering the entire process chain. From the preliminary supplier to the final installation of the nobilia kitchen at the end customer's premises - nobilia's quality management has the continual improvement of the entire process in focus. With this holistic approach nobilia has maintained their position as quality leader in the industry over many years. The guidelines for quality and environmental management are deep-seated in the company philosophy and the corporate culture at nobilia. For production this means: mistakes in production must be prevented, defective products are not to leave the factories at all. All quality assurance measures and quality tests at nobilia pervade all departments in the company and serve to prevent, analyze and correct mistakes.

# 165 TOPFIT FOR EVERYDAY USE

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



166 | THE "GLASS" LABORATORY

The significant effort that nobilia invests in the QC Test Laboratory prior to production is visible even to the customer. The "Transparent Test Laboratory" has been incorporated into the nobilia 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 at nobilia must undergo and pass prior to being considered ready for production.



### 167 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.

The laboratory equipment is unique for a furniture manufacturer: nobilia can and does perform all their own compulsory tests meeting DIN standards and DGM (German furniture quality seal) requirements are possible and are performed by nobilia itself.

## QC TEST LABORATORY

168 QUALIFIED EMPLOYEES

A quality management team of 19 ensure that the nobilia quality standards, which 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, nobilia strictly and consistently addresses the requirements and the needs/wants of the trade and the end customer.



# 169 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.

# 170 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. Only fully developed products that have successfully passed all the tests are integrated into the nobilia collection.

Only furniture that has passed the qualification tests in the nobilia test laboratory are accepted into the new collection. In this manner, nobilia customers are guaranteed that all new features/products meet the same high nobilia level of quality to which they are accustomed.

Frank Diestel, Director of Quality Management

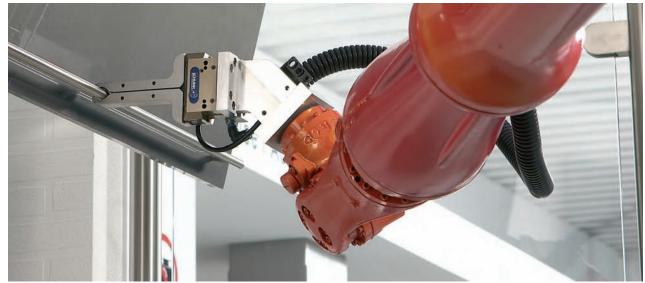




# ROBOTIC TEST STATION

### 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.



### 71 | 15 YEARS IN TWO DAYS

Doors and pull-outs are subjected to at least 60,000 opening and closing cycles. This wear and tear basically fast-forwards the service life of at least 15 years of daily kitchen wear.



### 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, nobilia's 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.







# 172 | 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 – and 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.









- 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.



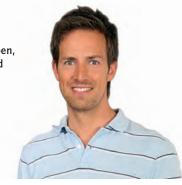
174 CAROUSEL CORNER UNIT

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

### FUNCTION TESTING AND CONTINUOUS OPERATION TESTING

Morning, noon and night – there is always action in my kitchen. Doors open, doors closed, food supplies stored in the larder unit, cutlery put away and pulled out – our kitchen doors and pull-outs have to stand up to a lot. It is certainly beneficial to have a quality kitchen that has been tested in the manufacturer's own laboratory for virtually everything.

Volker Meierhoff, Trade visitor







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



177 | ROLL-UP FRONTS

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





### THE LATEST FROM THE WITCHES' KITCHEN

The kitchen is at the heart of life. And is thus expected to perform: it has to hold up to aggressive substances like citric acid or highly staining liquids. In order to test surfaces for their ability to withstand daily wear we subject them to chemical testing and abrade them with rough and sharp objects, and even simulate long-term wear on the handles tens of thousands of times. Only then does the surface of a nobilia kitchen really show what it can withstand.



# 178 CHEMICAL-RESISTANCE

During so-called agents testing, applied agents are left on the surface for a predetermined period of time, according to wear group.
For instance:
acetone 10 seconds, vinegar
1 hour, coffee 16 hours,
olive oil 16 hours.

# 179 ABRASION TEST FURNITURE SURFACES

This test measures the abrasion resistance of the decorative surfaces. Continuous sanding with a defined applied weight and abrasive grit simulates wear of the surface.



180 | SCRATCH TEST

A diamond point is pressed onto the rotating test specimen with increasing force. The scratches resulting on the test specimen are visually assessed with the viewing device.

### 181

### CONDENSATION WATER CONSTANT CLIMATIC TEST

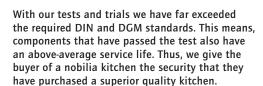
Components (e.g. painted attachment parts, metallic components) are kept in a water bath at a constant test room temperature of 40°C.

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









Oliver Wessel, Head of QC Laboratory





# $182|^{\,\text{SALT SPRAY TEST}}$

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.

# 183 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.



# CLIMATE TEST | COLD CHECK

### 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.



# And A Set Williams



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

### 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.



185 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.

# WATER AND STEAM RESISTANCE

### 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 carcase and front component edges to water vapour.





186 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.





TURN ON THE WATER!

Water is the worst enemy of kitchen furniture. A well-made carcase, 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.



187 | WATER BATH TEST

According to nobilia 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 nobilia's 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.









188 SUN TEST

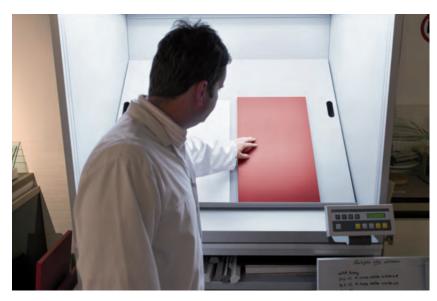
The characteristics of the irradiated surface are compared with the characteristics of those surfaces which were covered.

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

# STANDARD LIGHT TEST | HEAT TEST

### 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.



# 189 | 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.





190 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

# PRODUCT STRATEGY

# GOOD DESIGN FOR EVERY TASTE

The product designers at nobilia know very well how to design kitchens that speak to the lifestyles of a broad consumer base. This allows nobilia to reach roughly 80 percent of the market. The goal is to fulfil the increasingly individualised wishes of customers with excellent kitchens that meet their everyday needs at an affordable price.









nobilia offers their dealers a complete package, comprised of furniture, appliances, sinks and kitchen accessories. 11 Name brand appliances



from entry price level to premium segment are available. Exclusive appliances and brand names provide potential for differentiation from Internet marketing forms.



192 QUICK MARKETING

Our new features are already available directly after the in-house exhibition.
Thus, they are available to the trade already during the important end-of-year business.

ONE PRODUCT TO

FULFIL ALL WISHES

### PRODUCT DEVELOPMENT TO THE POINT

nobilia develops their products pinpointed to the relevant price ranges. What is remarkable about this: due to the high sales and production figures,

the company is able to profitably implement outstanding quality features for the broad market.





















For almost 70 years now, nobilia

has concentrated on the pro-

middle-priced market segment.

With its broad assortment, the

company covers roughly 80 %

of the market: in terms of the

price ranges as well as the

duction of kitchens for the



SELF-CONFIDENT STYLE

With nobilia on their side, business and trade partners are well-positioned in the market. The company offers a broad spectrum - from modern and trendy to classic and timeless and on to Mediterranean cottage style. The right product for every taste.

195 | TAKE IT EASY

A cleverly structured and logically configured range of types offers tailored planning solutions made-to-measure for every kitchen floor plan.

196 UNLIMITED POSSIBILITIES...

- ... for your dream kitchen:
- 2.300 units
- 97 fronts
- 17 carcase colours
- 69 upright colours
- 46 worktop décors
- That equals more than 12 billion variants!





### ADMINISTRATIVE SERVICES | FIELD SERVICES

# A LASTING RELATIONSHIP

One face to the customer – that is the law at nobilia! Every trade partner has their own personal contact person who is responsible for their order processing and thus,

knows their telephone counterpart very well. This helps to prevent misunderstandings and ensures smooth order processing that customers can trust.



199| FOR YOU ON SITE

nobilia Field Service Agents have learned their job from the ground up. For this reason, your contact partner on site brings well-grounded experience in the trade – and sometimes also training in a skilled trade with them to their job. A total of

roughly 71 staff members are employed in Field Sales, 36 of whom service the customers in the domestic market.

The Field Services Information System (FSIS) delivers precise (to the day) statistics and key data for the sale.



197 | ONE LOOK CONTROL

Every single customer order is graphically documented and electronically inspected for possible planning mistakes. The order confirmation is a quick and clearly arranged form of control for the salesperson because in addition to detailed item lists and a floor plan sketch. the order confirmation also contains wall views and a perspective representation. Subsequent alterations to the first job confirmation are clearly marked.

198 | A LASTING RELATIONSHIP

Over 190 customer service representatives, in the Administrative Services Department alone, are available for our 7,000 customers worldwide. They demonstrate both their technical and business competence in quickly, reliably and efficiently reviewing and processing job orders and handling all facets of the customer order.



200 | SAFE AND EFFICIENT

Using direct electronic communication via EDI and Extranet reduces internal handling processes to a minimum.

In this way, nobilia kitchens can be on their way to our trade partners more quickly

and reliably.



201 ALWAYS UP-TO-DATE

In the nobilia Extranet you have your OC s and delivery dates available at all times: seven days a week - 24 hours round the clock.

### **EVERYTHING AT A GLANCE**

Just one Sales Manual for all three classical marketing models:

- Full Service Marketing
- Furniture Only Marketing
- Free Marketing of Products

### ONE SALES MANUAL, TWO GRID SYSTEMS

With a single Sales Manual and a single sales line, nobilia serves both established grid systems on the market. One list, one logic - that simplifies operations in daily sales.



to LINE N.

The entire range of handle-less kitchens is clearly arranged and compactly compiled in a chapter of the nobilia Sales Manual. One list, one logic, one kitchen block pricing method-this also applies

# SERVICE FROM THE PHOTO TO THE POS.







Trade partners can also count on nobilia for marketing and sales support at the point of sale. Whether Sales Manuals, flyers or sales journals - the latest promotional materials are always available as soon as the new collections are. Upon request, nobilia will take over the planning of entire exhibitions for our trade

partners, from the shop construction to the layout of walkways and to the sales consultant workspaces. Every year there are roughly 20,000 display kitchens in the trade, approx. 500 complete customer exhibitions are planned by the nobilia Creativ-Studio.















### INDIVIDUALISED SALES PROMOTION

Each year our in-house photography studio creates a large number of attractive ads. The nobilia photo archive currently contains some 8,000 motifs, with more than 400 new ads being added each year.

### OWN 206 **FLYERS**

Offerings from 21 different leaflets for specialised dealers. Individualised consultation and adaptation by professional advertising agencies is possible at any time.

The largest core edition of more than 170 million brochures annually quarantee attractive sales conditions.

**PROFESSIONAL** INSTALLATION

In Germany there are 85 highly qualified installation partners who have been trained by nobilia available for installing customer exhibitions. For overseeing large-scale construction our own plant fitters will also be brought in.

### 208 TRAINING **PROGRAMMES**

With seven different seminar modules, nobilia offers specialised dealers a comprehensive range of seminars. Annually some 2.700 attendees from the Sales and Installation divisions take part in the training programmes.

The training sessions take place in professionally equipped training rooms and in the nobilia showroom.

### PROFESSIONALISM **EVERYDAY**

More than 2,600 finished kitchens leave the two plants in Verl each day, equalling an annual production of more than 560,000 kitchens.

# 210 AUTOMATED INDIVIDUALITY

Each nobilia kitchen is totally unique - individually planned and yet manufactured using highly automated production processes. Attribute this to nobilia's remarkable know-how!

### ATTRACTIVE: VALUE FOR MONEY

A well-designed modular construction system is the foundation for an individually planned fitted kitchen in a lot size of one.

The high degree of automation in production ensures the attractive value for money.









All our deliveries are made with our company-own vehicle fleet. Our highly qualified drivers ensure professional and experienced furniture transportation at all times. Every delivery comes with advance notice.





PLAYING 213 IT SAFE

> nobilia achieves an extremely high degree of delivery reliability using scanners during loading and unloading. With an incorrect delivery rate of only 0.08 % and a delivery dependability rate of roughly 99.09%, the company-own vehicle fleet thus achieves peak values for the furniture industry.







# OUR EXPERIENCE FOR YOU – 69 YEARS OF TRADITION AND PRODUCTION IN GERMANY

Almost seven decades of experience in kitchen manufacture has led to many obvious advantages. This sense of tradition has decidedly formed nobilia. Above all, nobilia employees understand their craft. And that has taught the company that a consistent

orientation toward future market developments is indispensable to success. The whole of this combined knowledge flows into measures that guarantee a constant high standard of quality as well as maximum production automation and process reliability.
With each and every
year nobilia has set new,
higher standards in
kitchen manufacture.
Innumerable further
developments have been
initiated and successfully
implemented by nobilia.









# 214 AROUND THE WORLD EVERY DAY

With an average of approx. 62,000 kilometres travelled per day, the nobilia vehicle fleet circles the globe 1.8 times each day. Every year roughly 2.01 million m³ of cargo volume and 21.8 million load positions aredelivered worldwide. Moreover, customers overseas are supplied with well above 1,061 shipping containers annually.

# 215 QUICK DELIVERY TIMES

Even though the greatest pleasure is in the anticipation, we won't keep you waiting that long! We usually deliver complete commissions in only three weeks, and complaints are resolved within 10 workdays.



### NOBILIA SETS STANDARDS



**NOBILIA SETS STANDARDS** 

As a provider operating world-

responsible for customers and

wide, nobilia feels highly

employees, products and

production processes. The

quality of our products and

prerequisite to our success.

services is our prime objective.

The clear focus on quality and

customer benefits is an essential

However, nobilia's strength lies

not only in its technologies and

products, but more than any-

Health and well-being are the basis for our employees' produc-

Occupational safety and environ-

principle of taking responsibility

This is an inherent part of our thinking and doing business.

thing else, in its employees.

mental protection must be

quaranteed at all times. We wholeheartedly embrace the

tivity and motivation.

for the future.

216 THE FIRST ONE THERE

IT IS OUR PLANET

GAD InterCer

Zertifiziertes IJM

DIN EN ISO 9001: 2008

Certified Quality Management ISO standards are standards that are valid in all of Europe and recognised worldwide. In accordance with DIN EN ISO 9001:2008 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 quarantees the future of a reliable customer relationship. In 1994 nobilia was the very first kitchen furniture manufacturer in Germany to become certified. In March 2012 the OM certificate DIN EN ISO 9001:2008 was reconfirmed.

DIN EN ISO 14001: 2009 Certified

**Environmental Management** The DIN EN ISO 14001 is the certification standard of environmental management systems recognised worldwide. Since 2007 nobilia 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. nobilia offers their trade partners the reliability of a sustainable, certified environmental management. In March 2012 the OM certificate DIN EN ISO 14001:2009 was reconfirmed.



**ENERGY MANAGEMENT** SYSTEM

DIN EN ISO 50001:2011

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. nobilia has 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. nobilia encourages consistent energy management by developing suitable measures within the framework of continual

energy improvement processes.



### **OUALITY AND FNVIRONMENT**



**OUR RESPONSIBILITY** 

### PEFC / 04-31-1281

Since July 2009 nobilia is the first kitchen manufacturer certified in accordance with PEFC (Programme for the **Endorsement of Forest** Certification Schemes). This certification documents nobilia's 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 quarantee 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 nobilia kitchen demonstrates the buver's sense of responsibility for our environment.



### 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: 753. 109. 477. 199. 314. 358. 102, 933, 173, 555, 593, 917, 253, 351, 149 and 757.



### 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.





### PLAYING IT SAFE

### GS (Geprüfte Sicherheit) mark for tested safety

This certificate is awarded by the LGA Nurembera. 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 quarantee that thesafety-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.









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