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Established by Carlo Nobili in Borgomanero in the Fifties, the company, now with operations in 90 countries, stands for high quality Italian taps, thanks also to its stringent international certifications. Made in brass, and completely lead free, using advanced production systems, Nobili mixer taps guarantee perfect hygiene. Reduced water consumption and innovative mixer cartridges are the strong points of our bathroom and kitchen taps.



SALONE DEL MOBILE 2022: NOBILI - DESIGNING WATER

Style and functionality come together in the tap collections Nobili will be presenting at the Salone Internazionale del Mobile, Milan, Tuesday 7 to Sunday 12 June 2022 (pavilion 24, stand B09 B11).

Centre stage is taken by the revolutionary Velis mixer tap, with its minimalist cartridge block and low profile lever making pure water the focus of the design.

This minimalism is made possible by the Nobili Widd® 2020 mixer cartridge, the technological heart of the fixture, which assures uncompromised efficiency in a reduced footprint. Its unique axial movement means that no lateral cartridge block is needed, so that the tap has an extremely streamlined profile, a genuine paradigm change in the industry.

The Nobili Widd® 2020 is made of ULTEM™ 2200, a highly elastic, robust polymer, generally used in surgical and food industry applications. The water flows through a separate chamber outside the central one containing the cartridge, thus preventing scale deposits and drastically reducing wear on the moving parts. The ceramic disks and internal components run dry, thus assuring perfectly smooth operation over the years.

The tap opens in cold water mode to prevent starting the boiler when not needed, and the flow limiter with 50% brake minimises water consumption, with flow reduced to just 5 l/min thanks to the built-in aerator.

The Velis collection includes single-lever mixer taps for washbasins (wall and floor mounted) and bidets along with shower and bathtub fixtures, which are also available with a special scratch resistant PVD treatment in Nickel, Diamond smoke and Red canyon.

The new products on show include the Yoyo mixer tap, with its extremely clean design featuring a softly rounded spout and lever, mounted over one another in perfect alignment. Available in Chrome and Velvet black, and also in a wall-mounted version, for bidets, showers and the bathtub, Yoyo is equipped with the Nobili Widd® cartridge, which is so robust that it can handle pressures up to 70 bar.

Made in high quality brass with a very low lead content to ensure unbeatable safety and hygiene, all Nobili tap and accessory collections are designed and manufactured at the Suno (Novara) manufacturing complex, one of the largest and most advanced in Europe. The company annually processes over 8,000 km of brass bar using 452 machining centres, and does 100% of its tap production in-house.



NOBILI: THE AUTHENTIC MADE IN ITALY BRAND

Nobili was established at Borgomanero (Novara) by Carlo Nobili in 1954. From his early experience with taps and valves, Carlo Nobili developed a deep understanding of the product and the need to offer the market higher quality with an industrial approach.

In 1960 the company launched its first collection of taps using innovative production technologies, which enabled it to use high quality brass and avoid the wastage typical of the semi-handmade production of the time.

This reduced wastage enabled Nobili to produce higher quality taps at a competitive price point. This philosophy continues to inspire the company's research and development, today under the leadership of Carlo Nobili's children Alberto, Pierluigi and Maria Grazia, and his grandson Carlo Alberto.

In the Eighties, with the advent of new mixer technologies, Nobili developed the ceramic disk cartridge and invested in research into water saving solutions.

Nobili's industrial growth led to the internationalisation of its operations, making it a genuine **groundbreaker** in 87 countries worldwide.

The almost three million units made by the Suno factories are subjected to stringent quality controls, with over 2,000 hours/year of laboratory testing.

The Suno (Novara) complex now covers 100,000 sq.m., and is classified as a "Zero Emission Company" thanks to its solar energy system of 9,000 photovoltaic panels, which makes it completely self-sufficient and guarantees sophisticated solutions for the protection of the environment.

Nobili is also the only European company to do **100% of its tap production** in-house. The company effectively consists of 9 units in a single manufacturing complex. From brass machining to die casting, moulding of plastic parts to chrome plating and polishing, laser engraving, packaging, storage and spare parts management.

With the adoption of the ERP/CRM/MES operating systems (putting it at the cutting edge of Italian industry) all the company's IT and technical infrastructure is interconnected, thus assuring total real time control of all aspects of production, sales and customer service.

All while maintaining its commitment to reducing energy consumption and recycling all process waste.

The latter includes the brass chippings, which are purified of the cutting lubricants and then processed back into bar. The lubricants are also recovered and returned to the machining circuits. The two chrome-plating plants also feature completely closed water circuits, with 100% of the wastewater recovered and then used to cool the machines.



NOBILI IN FIGURES

PRODUCTION

3,500,000 units sold per year

115 million cartridges and bonnets manufactured

320 production plants

TECHNOLOGY

22,000 models in production

400 new models per year

80 patents

R&D

4,000 hours per product

Up to **133** components per product

Up to **25** materials per product

LABORATORY

2,000 hours of testing a year

1,200 products tested every year

12 international type approvals

SUSTAINABILITY

100%
brass chippings recycled

100%
thermoplastics recycled

68% reduction in plant lubricant consumption



THE NOBILI WIDD® 2020 CARTRIDGE

The Nobili Widd® 2020 full-immersion cartridge with axial movement revolutionises the structure of conventional mixer taps by doing away with the lateral cartridge block, thus enabling very clean and streamlined styling.

This **innovative technology** serves the design, and is rounded out by the cold water opening mechanism, which eliminates CO₂ emissions due to the boiler starting when not required.

The Nobili Widd® 2020 is made in the Thermoplastic Moulding Department of the Nobili Technology Centre, using Ultem™ 2200: a plastic polymer loaded with 20% glass fibre to make it more rigid without compromising elasticity and robustness. This material, generally used in surgical and food-safe applications, keeps the tap working perfectly over the years.

The cartridge also features food-safe silicone gaskets, dry-run ceramic disks and internal mechanisms to ensure no build up of scale, a brass movement rod perfectly orthogonal to the broach, and water hammer at 50 bar.

THE NOBILI WIDD® CARTRIDGE

Water savings, innovation and safety assured by Nobili research and development: the Nobili Widd® full-immersion cartridge offers unprecedented reliability, with torsional strength at 18 Nxm and pressure resistance in excess of 70 bar.

In contrast with conventional devices, the water reaches the top of the mixer tap through a separate chamber from the central one containing the cartridge mechanism. This prevents scale building up and drastically reduces the mechanical wear of the moving parts.

The ceramic disks and internal parts run dry, thus ensuring smooth operation of the lever throughout the tap's life.

Total respect for the environment is assured by the dynamic flow regulator, maximum flow regulator and temperature limiter and the use of food-safe thermoplastic components.

BATHROOM TAPS

VELIS

With its Velis taps, Nobili puts the focus on water, and reaches peak styling and quality - the perfect marriage of form and function

Clean, minimal lines sum up the company's philosophy: quality makes quality. Only the most sophisticated and innovative technology makes true simplicity possible. This is true of the Nobili Widd® 2020 ecological mixer cartridge, which enables the unique styling of the mixer, with its low profile lever and lack of the normal bulky lateral block.

This solution also saves water, thanks to its opening in cold water mode, which prevents the boiler starting unnecessarily, and the concealed aerator which limits consumption to just 5 l/min (in comparison to the competition's usual 9-11 l/min) while maintaining a full, pleasurable jet of water.

Like all Nobili tap and accessory collections, the entire Velis line is made in high quality brass with a very low lead content to ensure unbeatable safety and hygiene. The Velis collection includes single-lever washbasin, wall mounted and bidet taps, along with shower and bathtub fixtures. There is also a high impact freestanding version for floor mounted washbasins.

Finishes: Chrome, Inox, Nickel PVD, Red canyon PVD, Diamond smoke PVD

YOYO

The **Yoyo** mixer tap stands out for its extremely clean styling, with a softly rounded spout and lever, mounted over each other in perfect alignment.

This simplicity is made possible by the Nobili Widd® full immersion cartridge which, with its just 28 mm diameter, **guarantees** totally reliable operation. In contrast with conventional cartridges, the water flows through a separate chamber from the central one containing the Nobili Widd® mechanism.

This prevents scale building up and drastically reduces the mechanical wear of the moving parts. The ceramic disks and internal parts run dry, thus ensuring smooth operation of the lever throughout the tap's life.

This technology - guaranteed for 20 years - frees up the design and makes for a lighter styling, as well as offering significant water savings thanks to the cold water opening system, which prevents the boiler starting when not needed, the flow limiter with 50% brake, and the aerator which reduces flow to just 5 l/min.

SEVEN

Designed by Meneghello Paoletti Associati, SEVEN is a mixer tap collection with a masculine, rigorous look: washbasin, high washbasin for bowl basins (h 27.5 cm), bidet, bathtub body, shower body, thermostatic shower/bathtub and flush shower body.

Behind the squared off and yet soft, ergonomic design lies Nobili's production technology with machinery and advanced software developed in-house or in collaboration with the major international players.

"A moulded mixer tap that recalls the styling of products machined from bar, which are generally very heavy and with strong geometries," says Alberto Nobili. "This is made possible by our casting department, but also by our robots which grind and polish every component in a way that has only now become possible."

The washbasin mixer taps reduce water consumption with the Nobili Widd® 28 mm full-immersion ceramic cartridge with flow limiter, which halves the flow of water by braking the opening of the lever when half the flow rate is reached (50%). In the "eco" version, the lever opens with cold water delivery (energy-saving), rather than with mixed water, thus preventing the boiler from starting when not needed and using up hot water.

LIRA

Designed by Piet Billekens, the LIRA bathroom tap collection is versatile and fully featured, with single- and three-hole taps and wall-mounted taps for washbasins, bidet tap fixtures, and three- and five-hole bathtub rim taps. The bathroom collection is rounded out by coordinated wall and handheld shower heads.

The collection is available in Chrome, Polar white (matt), Diamond smoke (polished) and the elegant Velvet black (matt).

The 360° adjustable spout (which can also be extended from 13 to 15.5 cm or 18 to 20.5 cm in the wall-mounted version) makes the collection suited to washbasins of every size and depth.

Nobili LIRA is also available in the floor-mounted version for freestanding bathtubs, standing 81 cm high and with a coordinated handheld three-jet shower head.

NOBILI

DRESS

The key concept for the Dress mixer tap is personalisation: Nilo Gioacchini designed the collection for Nobili, with the great decorative trends in the sector in mind, so important in both private residential and large public settings.

The Dress mixer tap has a cylindrical body with two flat elements with radiused corners above it: the spout and the lever. Both are available in 16 finishes, chosen from four macro-palettes: Colours, Wood, Matter and the refined Guilloché.

Available in three heights to adapt to a variety of washbasins - from the classic 17.6 cm to 27.4 cm - the tap features water saving technologies that reduce its flow from **11 l/min** to 5 l/min.

LIVE

The single-lever mixer tap from Nobili combines a minimalist modern aesthetic with evocations of tradition. The curved spout recalls mountain drinking fountains with their stone bowls. Strangely at odds with the minimalist design of the body and cylindrical lever, they come together to create a harmonic, almost timeless effect.

The patented **Nobili Widd® 35 Eco** Nobili Live immersion cartridge halves consumption without compromising the pleasurable feel of the jet. A dynamic flow regulator acts to abate consumption by braking the lever when it reaches the half way position. Full flow is available once this light resistance is overcome.

The collection is available in the classic single-lever mixer version with 4 different heights (160, 232, 310 and 362 mm), as a wall-mounting washbasin tap, as well as bidet, shower and bathtub fixtures, and also with thermostatic control.

ACQUAVIVA

The Acquaviva mixer tap has a squared off, geometrical style, ideal for contemporary design washbasins.

Two colour versions are available in addition to the Chrome finish: Polar white and Velvet black, both with a matt finish. There is also a 26.7 cm version for bowl washbasins, in addition to the more usual 15.2 cm version.

The technological heart of the tap is the Nobili Widd® 28 mm full-immersion mixer cartridge, which has revolutionised tap design by enabling a smaller diameter assembly while also integrating important new functions.

Compared with normal cartridges, in this case the water flows up to the top of the mixer outside the cartridge itself, thus drastically reducing mechanical wear, preventing scale building up, and ensuring perfectly smooth operation.

The cartridge has a temperature limiter and dynamic flow regulator as well as a maximum flow selector.

KITCHEN TAPS

HERON

Heron is Nobili's water saving masterpiece for the kitchen.

A professional mixer with a lightweight design, it is finished in Chrome or Inox with contrasting details in Velvet black on the handle and the bridge between its body and spout.

These two elements also feature a thin, elegant design, recalling the heron after which the tap is named.

The technological heart and true secret behind the formal elegance of the new full tap is the full-immersion cartridge with **axial movement** developed by Nobili's researchers.

Smaller and thinner, at just 34 mm diameter, it represents the best of Nobili technology, reducing consumption and guaranteeing long-lasting perfect operation by separating the internal mechanism from the actual flow of water. This patented design prevents scale building up and keeps the tap working perfectly throughout its life, without the need for maintenance.

The reduced size of the cartridge makes it possible to design a thinner **tap** body, which does not require any bulky external volume to house the **control** lever.

This is the reason for the minimalist design of the Heron mixer tap's lever, which combines ergonomics and innovation with outward simplicity.

Nobili Heron works over 360° with its orientable manual spout and spray or rain jet. Another secret behind the Nobili kitchen tap is the energy limiter which opens in cold water mode to prevent the starting of the boiler when not needed.

Dimensions: 46 cm x 22.3 cm (width).

LEVANTE

The **Levante** kitchen tap stands out for the streamlined elegance of its conical profile and extended range of action, due to its particular ergonomic design.

The design creates a refined optical play of elements, adding a surprising effect when the hose is extended. The head is located in the opposite position to normal kitchen taps: instead of extending out from the spout, it detaches from the body of the mixer and pivots around the front. The 360° rotation of the head, combined with that of the mixer itself doubles its effective range over the sink. When the head is detached, the simple, clearly defined filling jet can be turned into a more intense washing flow by clicking the button on the head itself.

Water and energy consumption are reduced by the Nobili Widd® 28 mm full-immersion ceramic cartridge with its dynamic flow regulator and cold water opening mechanism. The handle used to start and stop the flow of water features a mechanism which brakes it in the half way position. Once this light resistance is overcome, the mixer delivers its full flow.

Like every other cartridge (and every other internal component) the Nobili Widd® 28 mm has been entirely designed and developed in the Nobili R&D department, and is covered by an international patent.

Levante is 47 cm high, and is available in the following finishes: Chrome, Inox, Diamond smoke (polished dark grey) and Velvet black (matt black), with its hose enclosed in a stainless steel coil.

NOBILIS

LAMP

Designed by Meneghello Paoletti Associati for Nobili, the Lamp mixer tap stands out both for its styling - with clear references to lighting equipment - and its functionality.

The body rotates through 360° on the sink, with a coverage of 29 cm. The spout is secured magnetically to the side of the body. It is easy to take off and direct onto the sink, with a total range of up to 60 cm thanks to its black rubber hose.

A handy button on the ergonomic handle starts and stops the flow of water and also selects spray or rain jet delivery.

Water consumption is reduced by the Nobili Widd® 28 mm full-immersion ceramic cartridge with flow limiter, which halves the flow of water by braking the opening of the lever when half the flow rate is reached (50%). Once this light resistance is overcome, the mixer delivers its full flow. The temperature limiter regulates the maximum temperature to avoid scalding.

Four finishes are available: Chrome, Inox, Diamond smoke and Velvet black.

MOVE

Designed by Marco Venzano, Nobili Move (460 mm high) innovates the classic kitchen mixer tap concept both stylistically and functionally.

The head, which rotates through 360°, is independent of the spout (which can also rotate through 360°), and can be easily operated with a single hand, thanks to its magnetic attachment. This means that Move doubles the range of action of the mixer tap, thus greatly simplifying its use. Water consumption is reduced by the Nobili Widd® 28 mm full-immersion ceramic cartridge with its WaterSaving dynamic flow regulator. The temperature limiter regulates the maximum temperature to avoid scalding.

Six versions are available: Chrome and Inox, both with the hose enclosed in a coil or in matt black rubber; and in the new Diamond smoke and Velvet black finishes, with the hose in a black rubber sheath.

DESIGNERS

MARCO VENZANO

Born in Liguria in 1980, he graduated in Design from the University of Genoa in 2003. Marco Venzano has designed some of the Nobili taps most popular among resellers and professional users in recent years, including Move (2014) and Levante (2019).

MENEGHELLO PAOLELLI ASSOCIATI

Sandro Meneghello and Marco Paoelli, both born in 1979, trained under Roberto Palomba and Paolo Rizzato as well as internationally at Central Saint Martins, London, the Norwegian University of S&T, Trondheim, KISD university, Cologne and EDF R&D, Paris. Since 2005 they have been designing products for numerous Italian and international clients.

They have won multiple international awards, including five Red Dot Design Awards, five Design Plus awards, two Good Design Awards, one ADI Design Index, two special mentions at the German Design Awards and six mentions at the Young&Design awards.

PIET BILLEKENS

Born in 1966 in Tilburg, Netherlands, Piet Billekens, having graduated from the Design Academy Eindhoven in 1990, started working for Cesana as R&D manager for their shower enclosure and accessories division. In 2001 he opened the Foresee Design studio in Milan, working as design consultant with a number of Italian and foreign companies. He has been an expert member for the bathroom division of the CEN working group on the new European shower enclosure regulations.

NILO GIOACCHINI

Following his technical and artistic studies at ISIA, Florence, Nilo Gioacchini completed his training in Milan as design manager for the Marcello Nizzoli studio. He has worked for major Italian and foreign clients from his Florence studio for the last 35 years. Among others, he has won the Bayer Italia Special Prize and the Abet Print prize. His Mobile Totale Tuttuno is on show at MOMA, New York.



HISTORY

1954 - Carlo Nobili establishes Carlo Nobili SpA Rubinetterie and sets up the Borgomanero (Novara) factory

1973 - The Borgomanero manufacturing complex is a modern, efficient facility covering 2,000 sq.m., housing offices and production departments

1978 - The 7,000 sq.m. Dormelletto (Novara) factory is opened, with casting, galvanic treatment, machining and assembly departments, all equipped with the most advanced technologies of the time

1980 - The founder's children join the company: Alberto and Pierluigi. Thanks to their efforts, the true revolution takes place at the end of the Eighties: what was a medium sized enterprise by industry standards now grows to become one of the leading Italian companies

1990 - The Suno (Novara) manufacturing complex is set up, designed around the concepts of sustainability and advanced technology. Over a number of steps (1992, 1995, 2000, 2004 and 2010) the complex grows to an area under cover of 65,000 sq.m. and now - with its latest expansions - 100,000 sq.m.

2000 - With the passing of Carlo, his children Alberto, Pierluigi and Maria Grazia take over the management of the company and plan the future of the brand

2005 - CGS, the specialised manufacturer of shower and bathtub columns, enters the group

2006 - Aquademy, a company dedicated to the design of wellness spaces, enters the group

2009 - Rubinetterie Stella 1882, a byword for Italian luxury and craftsmanship, enters the group

2015 - The only European company to implement its full cycle in a single site, following the inauguration of the castings department

2015 - Certification to the UNI EN ISO 14001 environmental standard

2021 - The company starts construction of new factories, to make the Suno complex one of the largest and most advanced in Europe