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CEA: THE PASSION FOR STAINLESS STEEL

Production of taps and bathroom accessories following eight key points



TECHNOLOGICAL INNOVATION

CEA (Centro Energie Alternative) invests its know-how in the research and development of technological solutions for project design. The origins of its expertise trace back to its experiences in the plumbing and installation planning fields, combining technical know-how and architectural demands. The internal research into the product and its peculiarities is careful and aims at supporting the construction work, through simplification, rapid installation and guaranteed operation. Several industrial and utility patents enable a flexible approach to planning and reduce the time of construction.



CULTURE OF PRODUCT

CEA deals with real experiences to enhance a culture of product and share it for the development of new aware product ideas. The topics of technological innovation, sustainability and aesthetics are the founding elements of the research set with the University of Ferrara and of the training events organised in studios and showrooms worldwide.



TIMELESS DESIGN

Simple and linear geometries demonstrate a deep knowledge of design and can dialogue with architecture beyond time. With CEA collections, architects and designers get a total freedom of style and product combination, which gives wide space to ideas and shape to their realisation.



100% MADE IN ITALY

CEA totally produces in the Bassano del Grappa district of the North East of Italy, worldwide renowned area for the mechanical engineering tradition, where quality and reliability derive from local synergies. The production process is characterised by precision and manufacturing engineering: simplicity and craftsmanship guide technological innovation and sustainability.



TOTALLY RECYCLABLE

To master the flow of water, CEA chooses AISI 316/L stainless steel, a totally recyclable and highly performing material. The raw material, characterised by low levels of carbon, is carefully selected and enables CEA not to involve hot melting, painting, galvanic treatment or other chemical processes during production. Resulting CEA taps do not release any toxic elements into water, are highly hygienic and totally recyclable.



ECO FRIENDLY PRODUCT

AISI 316/L stainless steel is a particularly hard material and guarantees long life because resistant to scratches, the polluted environment, saltiness and sulphurous water. The characteristics of the material are one of the primary guarantees of product quality, as everlasting and eco-friendly.



WATER SAVING

In CEA product range, the water flow is adjusted by aerators and limiters (reducing the flow to 5 l/min) and by progressive cartridges (allowing a constant water flow to 5 l/min while permitting temperature adjustment, with just one movement). Both systems ensure a remarkable water saving, compared to traditional faucets.



LOW ENVIRONMENTAL IMPACT

CEA adopts only cold working methods for stainless steel and does not influence global warming. All the energy that powers production is certified clean, water is saved and waste is separated to be recycled, to reduce the impact of the company on the ecosystem. Thanks to precision CNC machines (lathes, milling and laser cutting) the quality of the production process achieves excellent results. Finishes are also obtained through environmentally-friendly mechanical processes.