MUX70

Desk with console

AWARD 2024



TECHNICAL DATA

Design: Stefano Boeri Interiors

desk structure	consisting of a central element and a side panel.
	central element: consisting of a structural frame made of laser-cut metal plates (3 plates 10 mm thick and 2 plates 5 mm thick) and two metal tubes, 2 mm thick, 50x10 mm in cross-section, welded together to make a kind of box. In the lower part 4/6 adjustment feet, Ø 40 mm, allow a +10 mm floor levelling.
	The structural frame is covered with finishing panels made of: - veneered: 22 mm thick chipboard for the side panel and 12 mm for the front panels (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), veneered on both sides with natural wood veneer and painted on the visible sides. The panels are edged in wood (1 mm thick). - Fenix: 22 mm thick chipboard for side panels and 10 mm for front panels (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), faced on the visible side with Fenix NTM, 0.9 mm thick, and on the non-visible side with HPL high-pressure laminate (0.9 mm thick for side panels and 0.5 mm thick for front panels). The panels are edged with ABS, 1 mm thick, with rounded edges. The total thickness of the central element is 15 cm. Depending on the type of desk, fixed or height-adjustable, two columns are fixed inside the structural frame with metric screws, that can be: - fixed: made of 2 metal tubes, 2 mm thick, with a cross-section of 70x70 mm to the end of which two plates are welded; - height-adjustable: made of 2 square-section tubes (70x70 mm) that allow a height of 40 cm. In the height-adjustable version, a protective cover moves together with the columns when moving up and down. The cover is made of two suitably folded 1.2 mm-thick steel sheets, connected by four 3 mm-thick steel brackets (90 × 30 mm). 5 mm thick metal plates with a 40x30 cm rectangular cross-section are attached to the columns to support the top. All metal parts are epoxy powder-coated with an embossed finish in RAL 9005 black.
	Side panel: - veneered: made of 22 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), veneered on both sides with natural wood veneer and painted on visible sides. The panel is edged in wood (1 mm thick). - Fenix: 22 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), faced on the visible side with Fenix NTM, 0.9 mm thick, and on the non-visible side with HPL high-pressure laminate (0.9 mm thick). The panel is edged with ABS, 1 mm thick, with radiused edges. The side panel is fixed to the central element by metric screws. In the lower part 2 adjustment feet, Ø 20 mm, allow a +10 mm floor levelling.
desk top	- veneered: made of double-layer MDF blockboard with fir core (density 530 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), veneered on both sides with

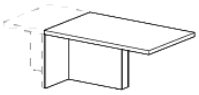
	natural wood veneer, painted on visible sides and wood edging (1 mm thick). The total thickness of the top is 51 mm. - Fenix: made of double-layer MDF blockboard with fir core (density 530 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), faced on the visible side with 0.9 mm thick Fenix NTM and on the non-visible side with 0.9 mm thick high-pressure laminate (HPL). It is edged with 1 mm thick ABS with rounded edges. The total thickness of the top is 52 mm. In the case of fixed desks, the top is attached to the plates and the side panel, in the case of height-adjustable desks, the top is attached to the plates only. Overall thickness of the top including the perimeter finishing frame: 52 mm.
console structure	consisting of a central element and a side panel. The central element can be made in: - Fenix: made of double-layer MDF blockboard with fir core (density 530 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), 50 mm thick, veneered on both sides with 0.9 mm thick Fenix NTM and edged with 1 mm thick ABS with rounded edges. - Oleomalta: consisting of a double-core MDF blockboard panel with a fir interior (density 530 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), 50 mm thick, edged in 1 mm thick ABS with rounded edges. Oleomalta, which is a water-based single-component with synthetic polymers, sunflower oil and sand mix, cold-processed to help reduce CO2 emissions, is applied to this panel. The mineral fillers used are of Italian origin and sourced close to the production areas. It does not develop toxic gases for the environment and the subsoil, does not contain traces of NMP (N-methyl Pyrrolidone - solvent), is antibacterial and antiviral, and is a natural purifier of ambient air. - quartz: consisting of an internal foam core made from a thermosetting rigid polyurethane polymer, covered with 20 mm thick quartz panels made from a structural polyester resin and UV-stabilised coloured pigments. - leather: made of 38 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI) to which a 3 mm thick leather upholstered faesite sheet is glued on the visible surfaces.
	The side panel can be made in: - Fenix: 22 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), faced on the visible side with Fenix NTM, 0.9 mm thick, and on the non-visible side with HPL high-pressure laminate (0.9 mm thick). The panel is edged with ABS, 1 mm thick, with radiused edges. - Oleomalta: made of 22-thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), on which the Oleomalta is applied. - quartz: consisting of an 18 mm thick chipboard core (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), covered with 20 mm thick quartz panels made of a structural polyester resin and UV-stabilised coloured pigments. - leather: made of 25 mm thick chipboard (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI) upholstered in leather. Both the central element and the side panel are equipped with adjustment feet (+10 mm) for floor levelling.
console top	- Fenix: made of double-layer MDF blockboard with fir core (density 530 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), 50 mm thick, faced on the visible side with 0.9 mm-thick Fenix NTM and on the non-visible side with a 0.5 mm-thick high-pressure laminate (HPL). The panel is edged with 1 mm-thick ABS edging featuring rounded edges. - Oleomalta: made of blockboard with a double MDF blockboard with fir core (density 530 kg/m^3, formaldehyde emissions compliant with EU Reg. 2023/1464 and EPA TSCA Title VI), 50 mm thick, faced on the visible side with a 0.9 mm laminate and on the non-visible side with a 0.5 mm high-pressure laminate (HPL). The panel is edged with 1 mm ABS edging featuring rounded edges. An Oleomalta finish is then applied to the surface of the panel. - quartz: consisting of an internal foam core made from a thermosetting rigid polyurethane polymer, covered with 20 mm thick quartz panels made from a structural polyester resin and UV-stabilised coloured pigments. - leather: made of 45 mm double-layer MDF blockboard with fir core (density 720 kg/m^3, formaldehyde emission compliant with EU Reg. 2023/1464 and EPA TSCA Title VI) to which a 3 mm thick leather upholstered faesite sheet is glued on the visible surfaces. The top is fixed to the structure by means of 10 mm thick metal plates with an epoxy powder-coated embossed finish in black RAL 9005. Desk and console are joined through a plastic clip system and metric screws (concealed by three

4-mm plates).

desk with console dimensions (in cm)

W	D	H
223	100	75
243	100	75
263	100	75
283	100	75

fixed and height-adjustable desk finishes



fenix

FEBI White

FENE Black

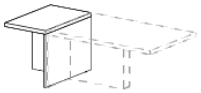
veneer

WBI White ash

WNS Dark walnut

WFN Black ash

console finishes



fenix

FEBI White

FENE Black

oleomalta

OMGR Grey

OMNE Black

quartz

QUGC Light grey quartz

QUNE Cloudy black quartz

leather (Cat. P)

URBI

URBE

URBC

URGR

URGS

URVS

URMR

URMC

UROC

URYE

UROR

URRE

URBS

URVE

URNE

height-adjustable desk carter finishes



metal

ZPS Satin lead

ZCH Champagne

OPTIONALS

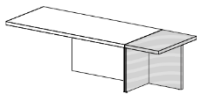
electrification

the desk can be equipped with the following electrification:
VERSALIFT
(please refer to the electrification section for more specifications).

ABACUS | Desks

Fenix desk

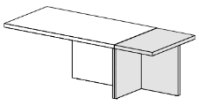
Oleomalta console



F + OM

Dx
Rh

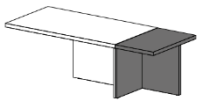
Quartz console



F + QU

Dx
Rh

Leather console

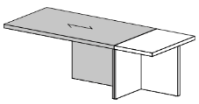


F + Cat. P

Dx
Rh

Veneer desk

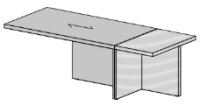
Fenix console



W + F

Dx
Rh

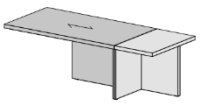
Oleomalta console



W + OM

Dx
Rh

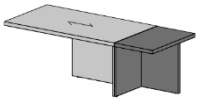
Quartz console



W + QU

Dx
Rh

Leather console

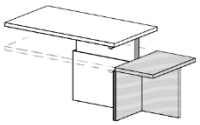


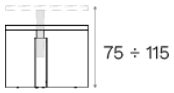
W + Cat. P

Dx
Rh

Height-adjustable Fenix desk

Oleomalta console

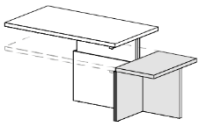


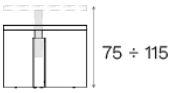


F + OM

Dx
Rh

Quartz console

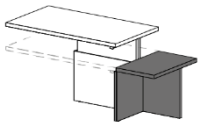


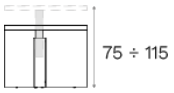


F + QU

Dx
Rh

Leather console



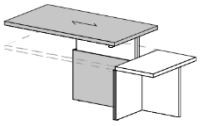


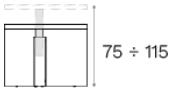
F + Cat. P

Dx
Rh

Height-adjustable veneer desk

Fenix console

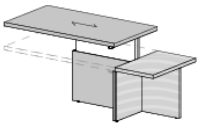


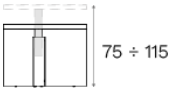


W + F

Dx
Rh

Oleomalta console

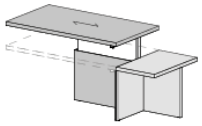


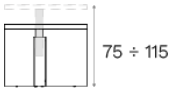


W + OM

Dx
Rh

Quartz console

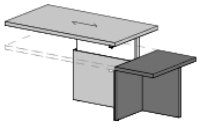


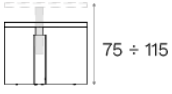


W + QU

Dx
Rh

Leather console





W + Cat. P

Dx
Rh