

ELINE Command Control Console



Highlight

- Intelligent lifting
- Flexible Combination
- Modular Assembly
- High Capacity and Robustness
- Ergonomic Design
- Organized and Efficient
- High-Quality Materials and Technology
- Modular and Versatile

Overview

In today's fast-paced technological world, businesses are constantly evolving and adapting to meet the ever-growing demands of their customers. With the rise of 24x7 operations and the increasing reliance on electronic equipment, having a reliable and efficient command control room is crucial for the success of any organization. This is where Deckro's ELINE Command Control Room Furniture comes in – a comprehensive solution designed to meet the needs of 24x7 technological environments.

One of the key features of ELINE is its high to moderate capacity for electronic equipment. This means that businesses of all sizes can benefit from this furniture, whether they are a small start-up or a large corporation. ELINE is designed to handle a wide range of devices, including computer equipment and audiovisual screens, making it a versatile and adaptable solution for any business.

But it's not just about capacity – ELINE is also built with robustness in mind. The furniture is designed to withstand the demands of a 24x7 technological environment, ensuring that it can handle the constant use and heavy workload without compromising its performance. This not only ensures the longevity of the furniture but also provides peace of mind for businesses, knowing that their command control room will continue to operate smoothly and efficiently.

In addition to its high capacity and robustness, ELINE also prioritizes user comfort and ease of use. The design is ergonomic, taking into consideration the needs of the user and ensuring that they can work comfortably for extended periods of time. This is especially important in a 24x7 environment where operators may be required to work long shifts. By prioritizing user comfort, ELINE helps to reduce fatigue and increase productivity, ultimately benefiting the overall operations of the business.

Furthermore, ELINE's design is also customizable, allowing businesses to tailor the furniture to their specific needs. This includes options for different colors, materials, and configurations, ensuring that the furniture seamlessly integrates into the existing command control room and meets the aesthetic requirements of the business.

But ELINE is not just about functionality – it also offers a sleek and modern design that adds to the overall look and feel of the command control room. With its clean lines and contemporary design, ELINE enhances the professional image of the room and creates a more inviting and organized space for operators to work in.

Key Features

High Capacity and Robustness: ELINE is designed to handle a wide range of devices, including computer equipment and audiovisual screens. It offers a high to moderate capacity, making it suitable for businesses of various sizes. The design is robust, ensuring that it can withstand the demands of a 24x7 technological environment.

Ergonomic Design

ELINE prioritizes user comfort with its ergonomic design. This includes ergonomic monitor supports, which can help reduce strain and improve productivity. The furniture can be adjusted to different heights, allowing for a comfortable working position whether sitting or standing.

Organized and Efficient

ELINE provides a great capacity to organize technological equipment, including computers and communication devices. It also offers perfect integration and management of all wiring and connectivity elements, making it an efficient solution for businesses. The furniture can be

specified as a singular stand-alone console, or integrated into a larger cluster, catering to different needs.

High-Quality Materials and Technology:

ELINE is developed using the latest technology and the finest materials. This ensures a high-quality end product that can meet the demands of various technological environments.

Modular and Versatile:

ELINE offers modular design console furniture that meets the demand of 24x7 environments without the expense. It retains style and aesthetics, and numerous straight and corner module options allow for extreme configurability to optimize usable space within the command center room to maximize operator productivity.

Conclusion

In conclusion, Deckro's ELINE Command Control Room Furniture is a comprehensive solution for businesses looking for a high-capacity, robust, and ergonomic storage solution for their technological environments. It offers a range of features designed to improve efficiency and user comfort, making it a valuable addition to any business.

ELINE series include:

1	Intelligent Cable Management Deckro's ELINE furniture have an intelligent cable management system. This would allow for efficient routing of power and data cables, reducing clutter and improving airflow. This also make it easier to add, remove, or change components as needed, increasing the overall flexibility of your command control room.
2	Customizable Layouts Given its modular nature, ELINE furniture offer customizable layouts. This means you could arrange and rearrange your command control room to best fit your needs. Whether you're accommodating new equipment or rearranging for better workflow, this flexibility could be a significant advantage.
3	Durable and Long-lasting Quality materials and construction not only ensure a high-end look but also contribute to the durability of ELINE furniture. This could mean that with proper care, this furniture may withstand heavy use for many years, providing a good return on investment.
4	Integrated Technology ELINE furniture potentially integrate with other technologies for a seamless user experience. For example, it could include built-in USB ports, power outlets, monitor mounts, and keyboard trays. This would make it easier for users to connect and use their devices, improving productivity.
5	Enhanced User Comfort Ergonomic design doesn't stop at adjustable monitor supports. ELINE furniture could also include features like adjustable chair and desk height, tilting keyboard trays, and more. These features could help reduce the risk of musculoskeletal disorders associated with long hours of computer use.
6	Intelligent Lifting Intelligent lifting in ELINE command control furniture refers to the incorporation of adjustable features that allow for optimal operator comfort and ergonomics. This

includes sit-to-stand workstation lifts and manual height-adjustable keyboard platforms. These features allow users to adjust their working postures to comply with the most current ergonomic recommendations, promoting health and productivity in the workplace

Standards

Feature	Values
ANSI/EIA-310-E	Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width
DIN 41494 Part 1 & 7	Panel Mounting Racks for Electronics Equipment's; Racks and Panels, Dimensions; Dimensions of cabinets and suites of racks
BS EN 60297-3-100:2009	Mechanical structures for electronic equipment. Dimensions of mechanical structures of the 482,6 mm (19inc) series. Basic dimensions of front panels, sub racks, chassis, racks and cabinets
ISO9001, 14001	Management System, Environmental System
RoHS	RoHS compliancy, %100 Recyclable Material
CE	CE conform to EN 60950-1 Information Technology Equipment, Safety, Part-1: General Requirement and EN IEC 62368-1 Audio/Video, Information and Communication Technology Equipment Part 1: Safety requirements
Industries Alliance	- According to ETSI or EIA Standards - EIA-310-D, EIA/ECA-310-D, EIA/ECA-310-E 19" = 482,6 mm - RU or U= 44,45 mm Height
ISO 11064-4:2013	Ergonomic design of control centres Part 4: Layout and dimensions of workstations
BS 5940-1:1980	Office furniture Specification for design and dimensions of office workstations, desks, tables and chairs

Product specification

Feature	Values
Concept	The concept is based on a fully modular metal structure in which the work surfaces and secondary surfaces are left to the operator. This structure consists of vertical legs, which ensure the sustainability of the whole and the elevation of the cabling, and horizontal cable ducts, which determine the size of each section and give rigidity to the console. All metal parts are completely made of 1.5 mm thick electro galvanised sheet metal.
Outlet	The different power, audio and data outputs are neatly arranged on the rear outer section.
Wiring	The ELINE system pays special attention to the wiring circuit as well as the power connection, audio and data zones, ensuring maximum protection of the equipment and continuity of the cable tray

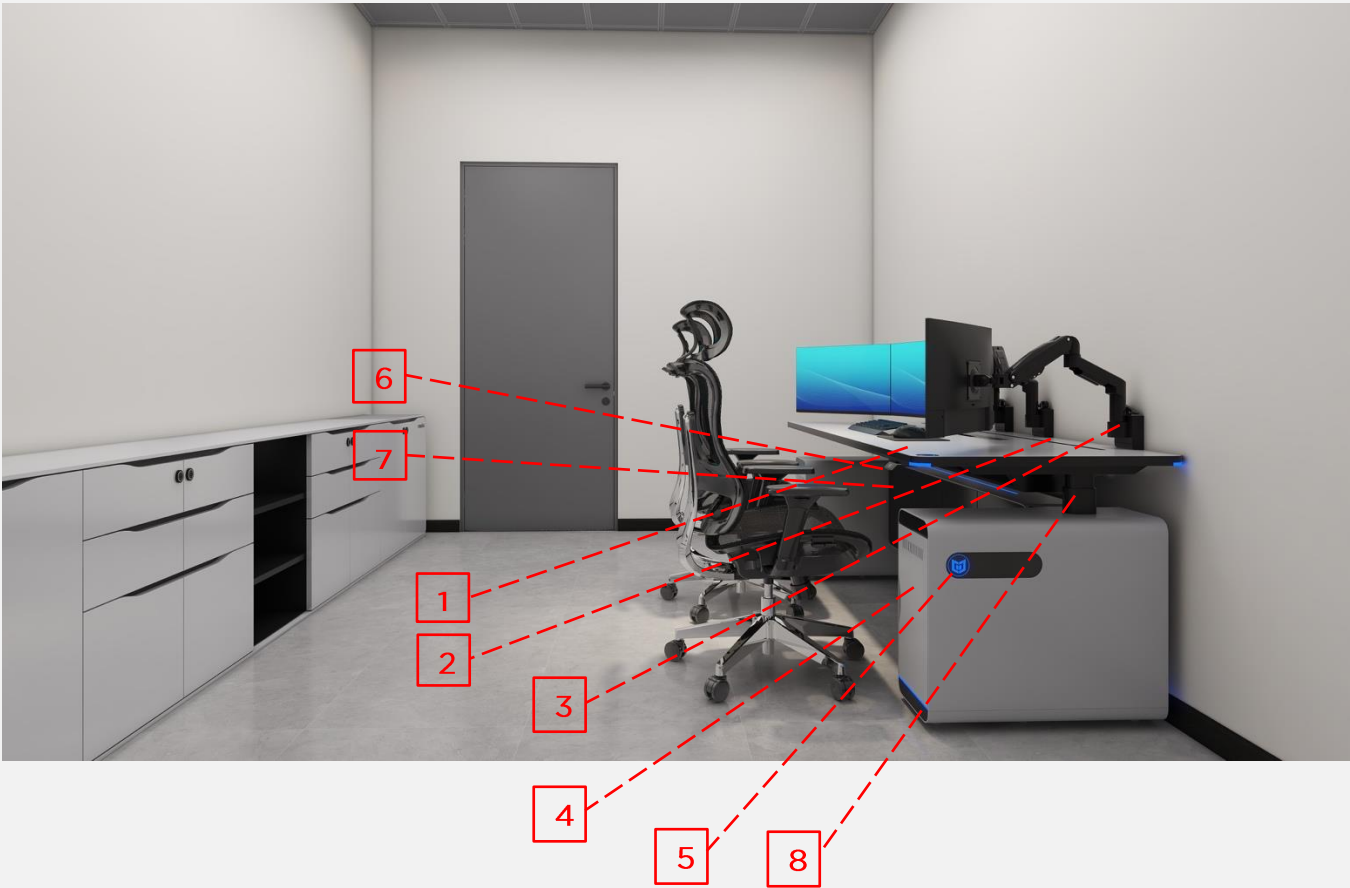
	throughout the entire configuration. Thanks to the way it is fixed, the structure ensures continuity of the wiring from either side of the vertical edges of the console or from the electronic compartments for structural or individual equipment to the central cable tray and consequently to any point of the work surface.
Outlet console	This structure allows the installation of rear trays using brackets fixed to the rear of the cable tray made of phenolic compact resin for the placement of both monitor supports and small electronic equipment: KVM switches, routers, speakers, etc.
Continuity	Each central cable tray is connected at its ends to different structural side blocks, legs or racks and it is possible to chain together different cable trays and structures for multiple consecutive operators and angular parts.
Structure	The types of arrangement of the structures are always linear, so that the creation of multiple workstations in curved (concave or convex) or angular forms is only realised by adjusting the work surfaces and including specific angular parts.
Work surface	ELINE Console work surfaces are made of phenolic compact high pressure resin, laminated 18 mm thick, matt white, available on request in any colour or other complementary material available from the manufacturer's coating list. Phenolic resin has excellent physical properties that ensure high mouldability using the correct production technology.
Finishing	The work surfaces are the surfaces that provide the final finish to the design of the control console and integrate the product into the environment. The upper part of the work surface is prepared with decorative horizontal grooves for the passage of cables and circular holes for the insertion of grommets.
19"	The ELINE Console has a series of closed compartments in 19" format for the placement of computer equipment or electronic components. These are designed for flexible positioning and adapted to the structure for direct inward derivation of cabling.
Environments	ELINE Console also offers a range of complementary furniture designed according to the look and feel of the workplace. This furniture enables the creation of complete environments
Possibilities	The possibilities of the ELINE auxiliary furniture range pass through a wide variety of archive modules. These complement the console and aim to provide maximum added value to the project. The archive and print modules provide many combinations of sizes and finishes, so that their versatility is as great as that of the control consoles.

Technical specification

Feature	Values
Main frame	Silver Aluminium Profile Strut, 40 x 40 mm, 8mm Groove,
Work surface	Compact Laminate (HPL) .7”- Royale White (Option color is available)
Rear Shelf	Compact Laminate (HPL) .47”- Black (Option dark grey anthracite)
Legs	Metal black powder coated .07” Cable duct / Modesty panel/ foldable cover
Metal frame	Metal End panels in 3.1” x 1.2” square pipe section, welded with leveller basement, powder coated Silver RAL 9005 and glossy black panel
Assembly	The console system shall be suitable for assembly by local semi-skilled labour using our assembly video & illustrated instructions printed in the English language. Alternatively, Deckro can provide personnel for full installation services or supervised assembly as well.
Packaging	All goods will be suitably packed to protect them during domestic or export delivery by air or sea, and appropriate storage on arrival. Component parts shall be individually identified to ease assembly.
Warranty	The manufacturer shall provide a written warranty against defects in workmanship or materials, subject to normal use, for the following periods. Damages arising from inappropriate storage, wrong handling or manipulation during installation are not included. • Modular steel frames - lifetime warrant • Custom work surfaces - 10 years • Custom panels - 10 years • Monitor arms - 2 years • Moving parts - 2 years
Grounding Continuity	According to EN 61587-1 / EN 61010-1
Mechanical Performance	▪ EN 61587-1 5.2.1 / 5.2.3 ▪ Static mechanical load test (Performance level SL 12) ▪ Stiffness test (Performance level ST5) • Shock test (IEC 60068-2-27: Ea; 1987) Performance level DL4S Impact test (IEC 60068-2-75:Eh; 2014) (Performance level IK07)
Mechanical Structures	▪ According to EN 61587-1 Mechanical Structures for Electronic Equipment • EN IEC 60297, 19” Mounting EN IEC 60917 Overall Cabinet Dimensions
Protection Performance	EN/IEC 60529 – IP55 Ingress Protection performance

Mechanical Impact Resistance	EN/IEC 62262 - IK07 Mechanical Impact Resistance
Climatic Performance	▪ Cold (IEC 60068-2-1 :2007; Ab) Temperature of the exposure: -25°C +/-3°C ▪ Dry heat (IEC 60068-2-2 :2007; Bd) Temperature of the exposure: +70°C +/-2°C ▪ Damp heat cyclic (IEC 60068-2-30:2005; Db ; (cyclic 2x), variant 2)
Electrostatic Powder Paint	▪ ISO 9001:2015 ASTM D523; ASTM D2794. ▪ DIN EN ISO 2811-1; ASTM D1186/D1400;
Industrial Atmosphere	▪ Salt mist test IEC 60068-2-11 ▪ Salt Spray Test TS EN ISO 9227
Connection Elements (Bolt, Nuts, Washer, Etc.)	▪ DIN 7985, DIN 965 , DIN 7981 , DIN 934 , DIN 985 , DIN 933 , RoHS
Lights	▪ Build-in switch LED Light for 2 compartement
Lock	▪ DIN 1743, DIN 53571, RoHS
19" Mounting Rail	▪ 2 pieces each compartment and adjustable along the entire depth of the cabinet and thickness 1.5mm, silk screened. There are "U Marks" from top to bottom and from bottom to top for easy device installation, the structure of the mounting rails is manufactured as 1U=44.45 with 9.5x9.5mm square holes with +/- 0.01 precision on CNC punch machines

Main Unit



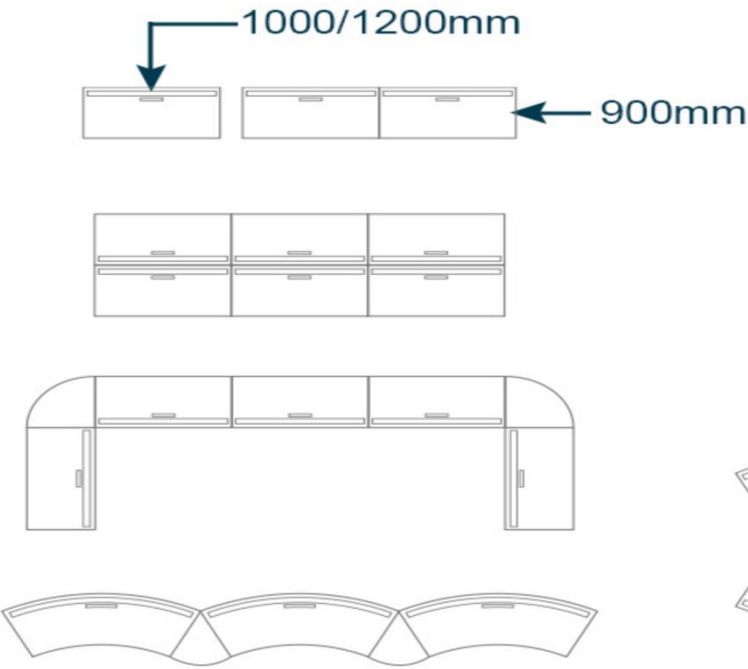
Item	Description
1	Work surface
2	Hinged cover
3	Monitor support
4	PC compartment
5	Led lighting
6	Intelligent lifting unit
7	Electronic compartment
8	Lift compartment

Drawing details





Drawing details
Typical Console Height Adjustable



..... **ANY SPACE**

