

KCH-GROUP BOX

CONTROL ROOM CONSOLE PROVIDER

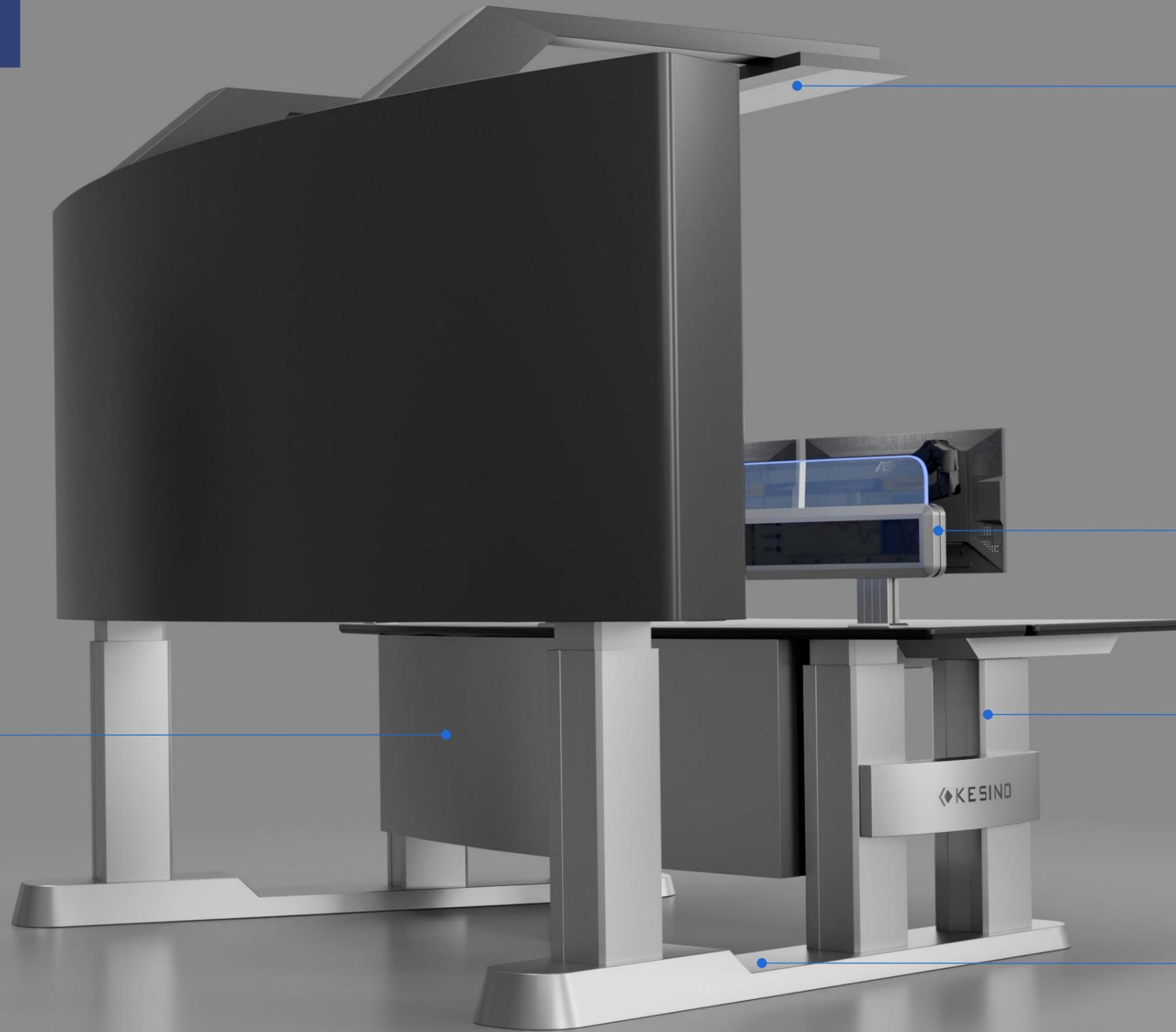


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CPU cabinet



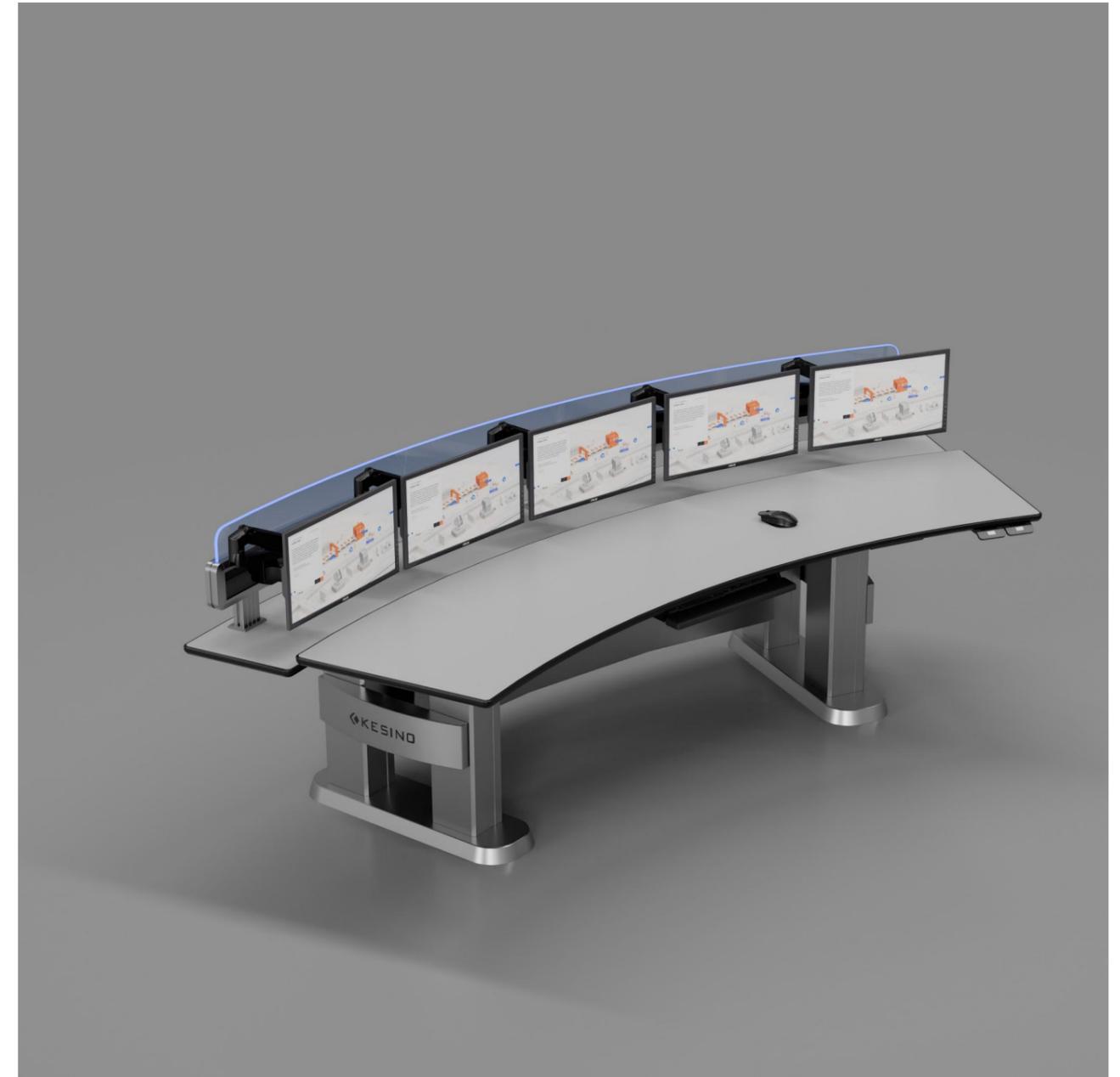
Top LED light

Aluminum slat wall

Lifting column

Support leg

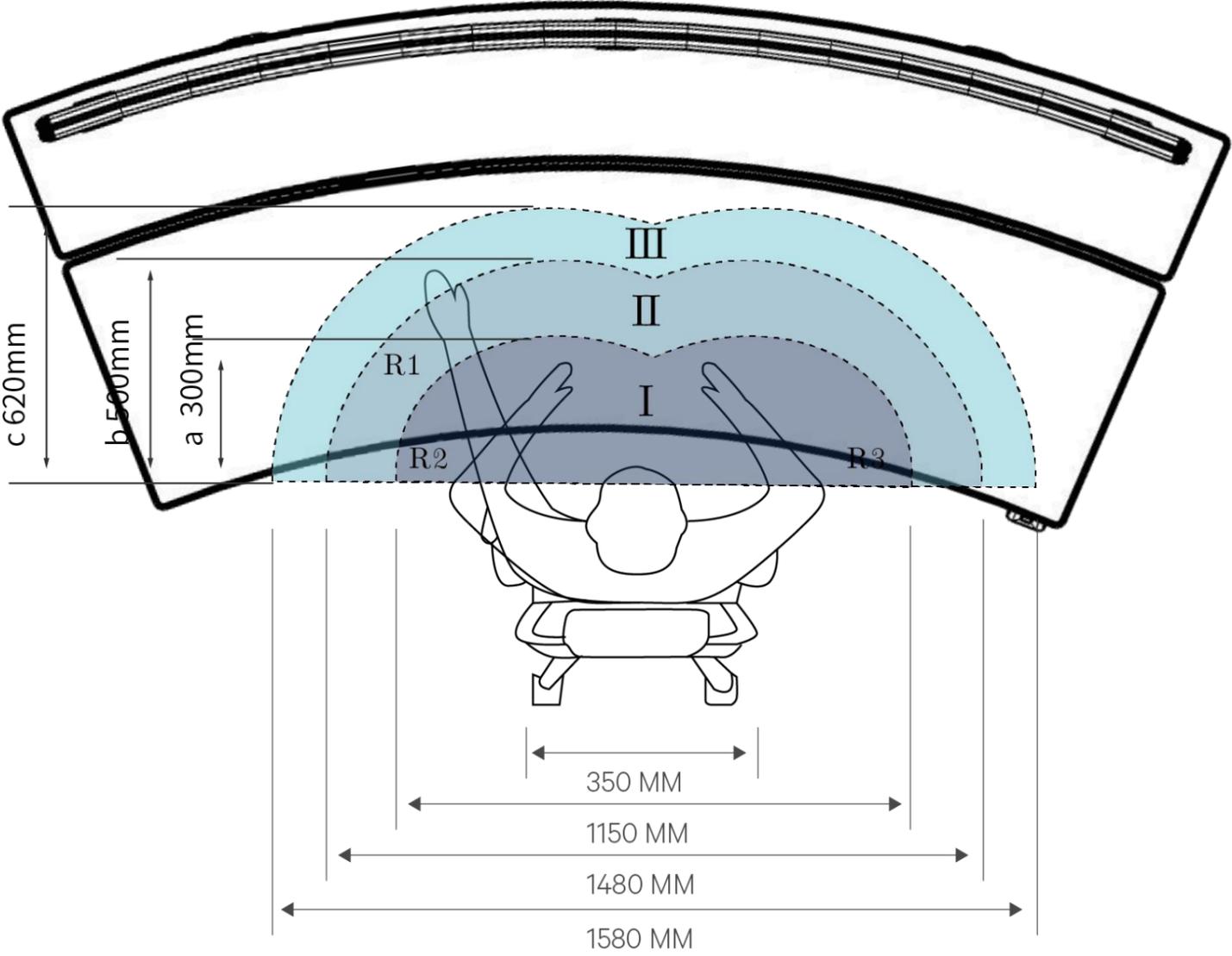
Various Slat-wall to choose
Free matching



Visually ergonomic design

Efficient and comfortable office

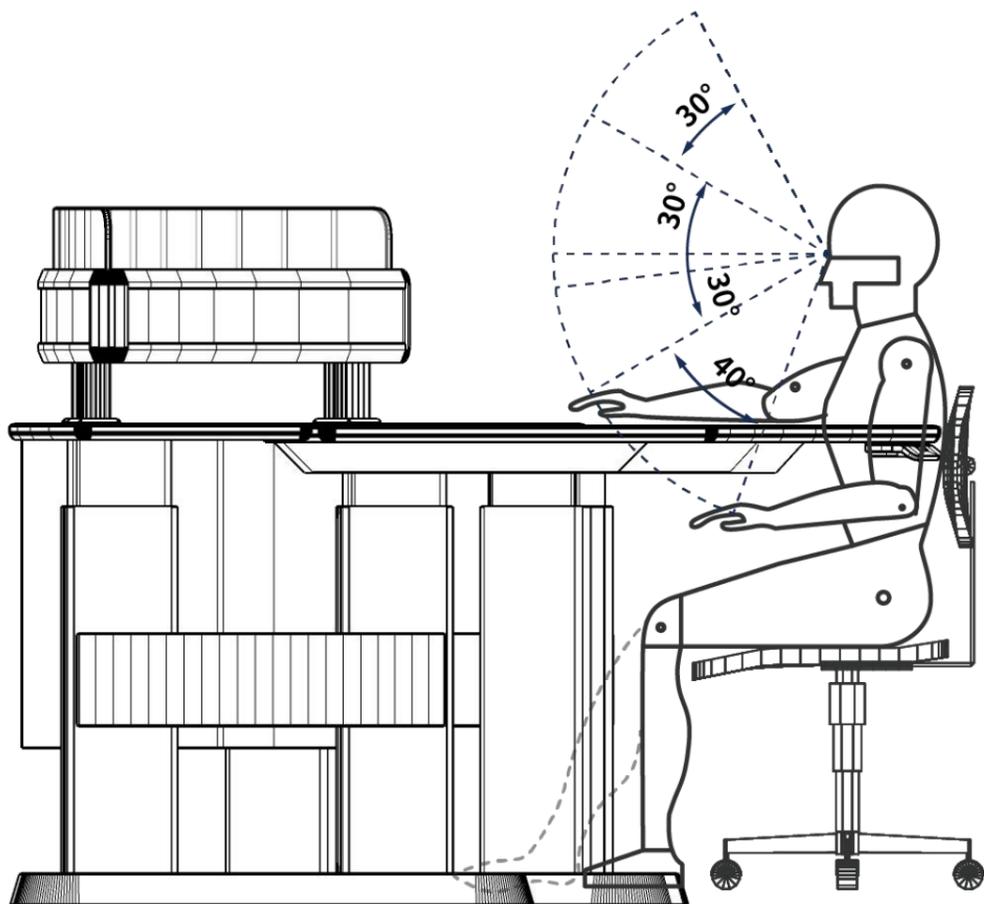
Kesino applies ergonomics to optimize the equipment and functions based on the basic functions and performance of the original design of the console based on the range of movements and activities of the staff, the physiological structure of the human body, psychological conditions, ways of thinking, etc. It makes workers very convenient and comfortable both in visiting and using.



- Operation domain division:
- I Comfortable operating area
 - II Effective operating area
 - III Extensible operating area

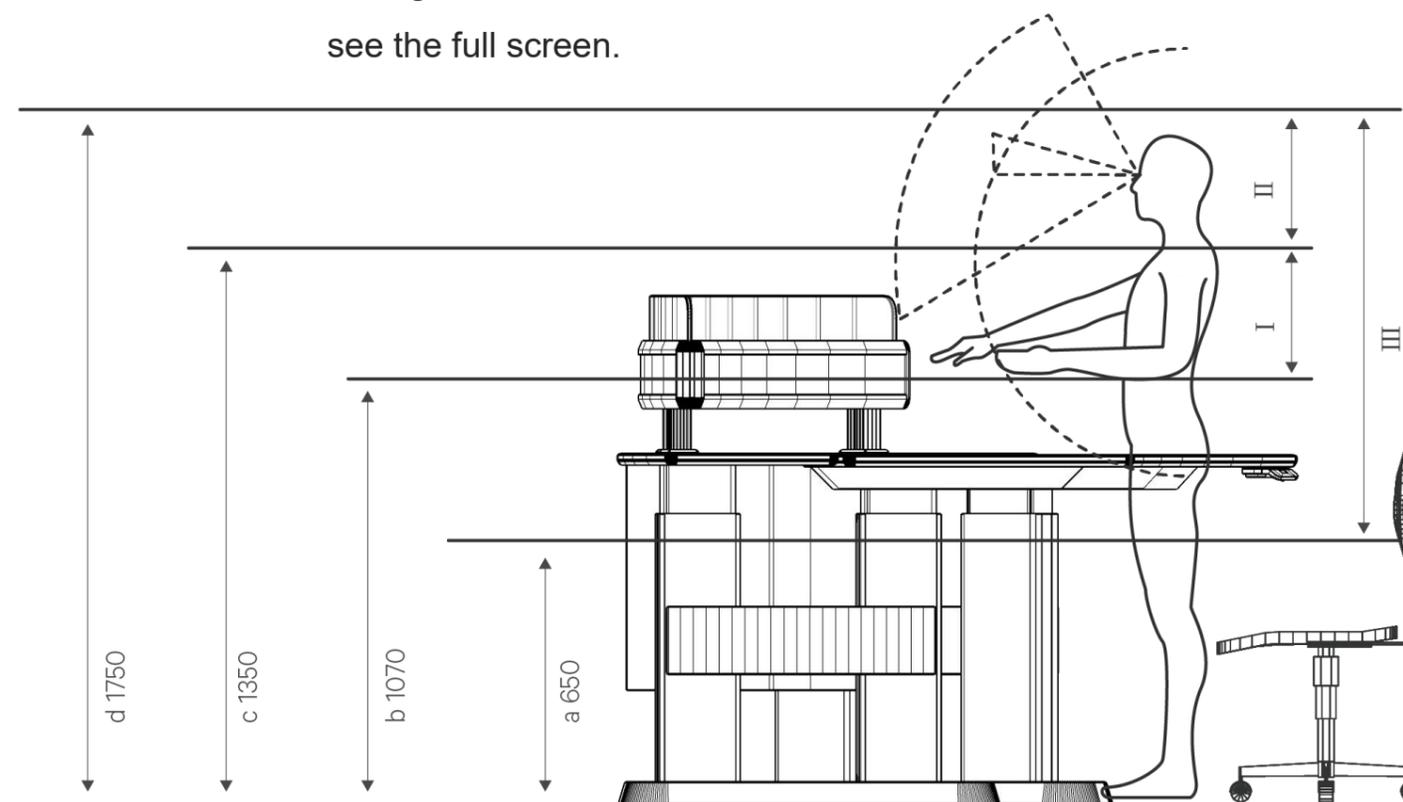


Kesino follows world-recognized standards and fully considers factors such as viewing distance, viewing angle, equipment, etc., to achieve the perfect unity of engineering, medicine, and design, and achieve better comfort.



控制台为用户提供理想的工作空间(仅供参考)

- Taking into account the reasonableness of the operator's up and down, left and right sight distances.
- The operating distance is designed according to a reasonable and comfortable distance.
- Help customers analyze the optimal viewing distance for large screens and the reasonable arrangement of consoles to ensure that staff can see the full screen.





Lift function Alternate standing and sitting postures

The lifting function of the console meets the needs of both sitting and standing work. The lifting design of the table can be raised and lowered synchronously in the front and rear at the same time, or the front and back surfaces can be raised and lowered independently. At the same time, the TV stand also has an independent lifting function to meet the needs of alternating standing and sitting postures and height positions. Adjustment and line of sight requirements, the lifting stroke is <math>< 500\text{mm}</math>, and the lifting and lowering can be controlled at any time through the control panel to meet personalized operation needs, and can prevent and treat cervical and lumbar spine diseases caused by long periods of sitting.

The lifting column adopts large-size electric lifting column

The column is made of high-strength aluminum alloy profiles, and there is no obvious shaking when rising.

The lifting column adopts a large-sized electric lifting column. The column body is made of high-strength aluminum alloy profiles. There is no obvious shaking when the backstage body is raised. The maximum load-bearing capacity of a single group is 2000N. It has high stability. It has a built-in electric linear motor and is powered by safe voltage 12v or 24v DC. , no-load speed: 20mm/s, full-load speed: 4mm/s, running sound: 45-54db;

The lifting control adopts a paddle type controller. The electric lifting control is convenient and fast. The LED display screen dynamically displays the lifting height and working status.





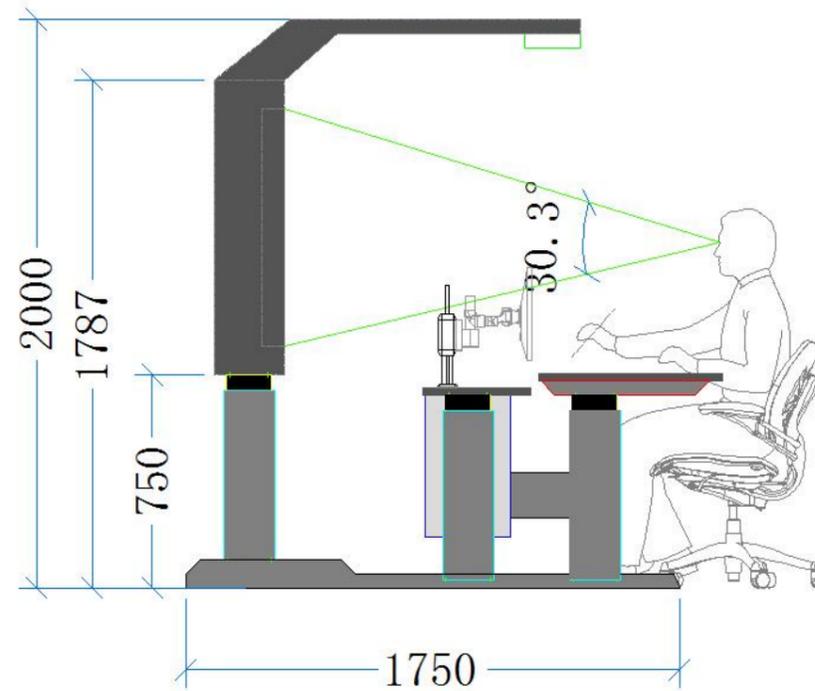
**Lift control
Using paddle controller**

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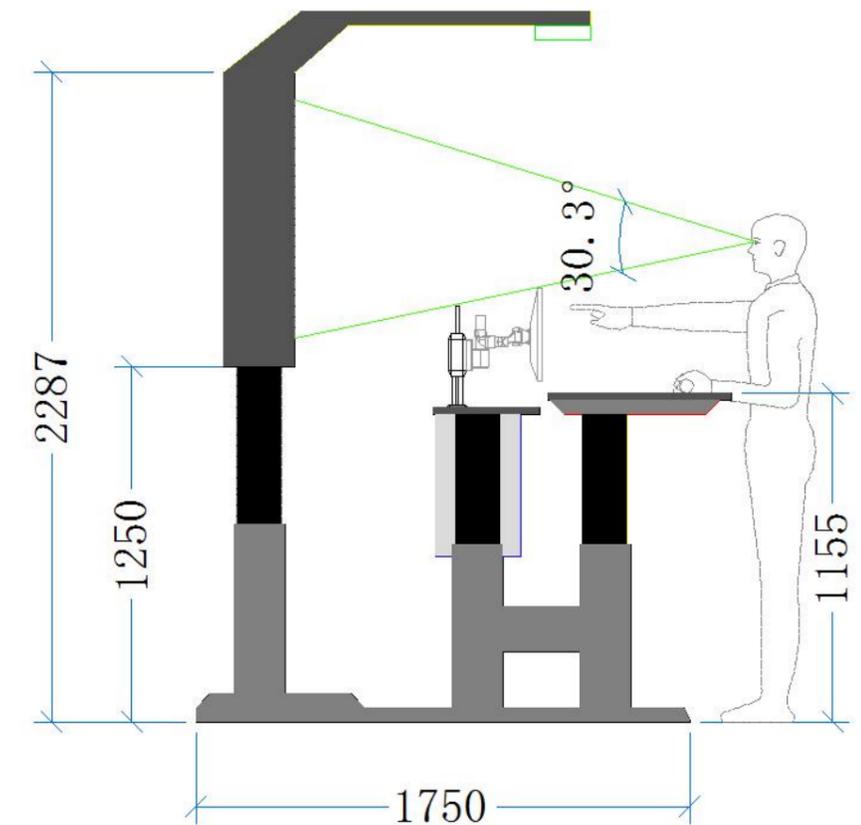
Lift function

Alternate standing and sitting postures (schematic diagram)

The lifting function of the console meets the needs of both sitting and standing work. The lifting design of the table can be raised and lowered synchronously in the front and rear at the same time, or the front and back surfaces can be raised and lowered independently. At the same time, the TV stand also has an independent lifting function to meet the needs of alternating standing and sitting postures and height positions. Adjustment and line of sight requirements, the lifting stroke is <math><500\text{mm}</math>, and the lifting and lowering can be controlled at any time through the control panel to meet personalized operation needs, and can prevent and treat cervical and lumbar spine diseases caused by long periods of sitting.



SIDE ELEVATION



LIFTING ELEVATION



The side panels have a technological and fashionable appearance
Exclusive customized brand image pattern



Use HPL (Compact Board) as the table top

Compact board is an extremely versatile building decoration. It is the evolution of single-sided color fireproofing and has excellent product properties such as excellent waterproof, scratchproof, fireproof, and rich colors. It is suitable for indoor environments as a structural support material for planes and facades. It is the choice for public places with humidity, high pressure, and high load.

LED lighting

Seat lighting and sound

The LED lighting fixed by the steel bracket provides a flicker-free cold light source lighting solution with adjustable brightness for the seats. The lighting is modular in design and has an acrylic light guide plate to make the light softer.

The seats are equipped with directional speakers with a sound field range of 15° and a power of 20w. The sound directional system focuses the sound on the operator without disturbing other areas around the environment.



Ambient lighting system
Colorful lines, technological ice blue
lighting, vivid atmosphere

12V acrylic light strip, providing ambient lighting with adjustable multi-color glare

Acrylic light
guide plate



CPU cabinet

The host base cabinet, which is composed of aluminum profiles and steel plate structures, can accommodate 3 standard hosts. Size: Maximum: 450*450*200mm. Each seat inside the cabinet is equipped with 2 sets of 8way power PDU. The cabinet door panel is designed with ventilation holes to ensure The host dissipates heat, and the snap-on door panel is easy to disassemble and open, ensuring convenient and quick installation and maintenance.

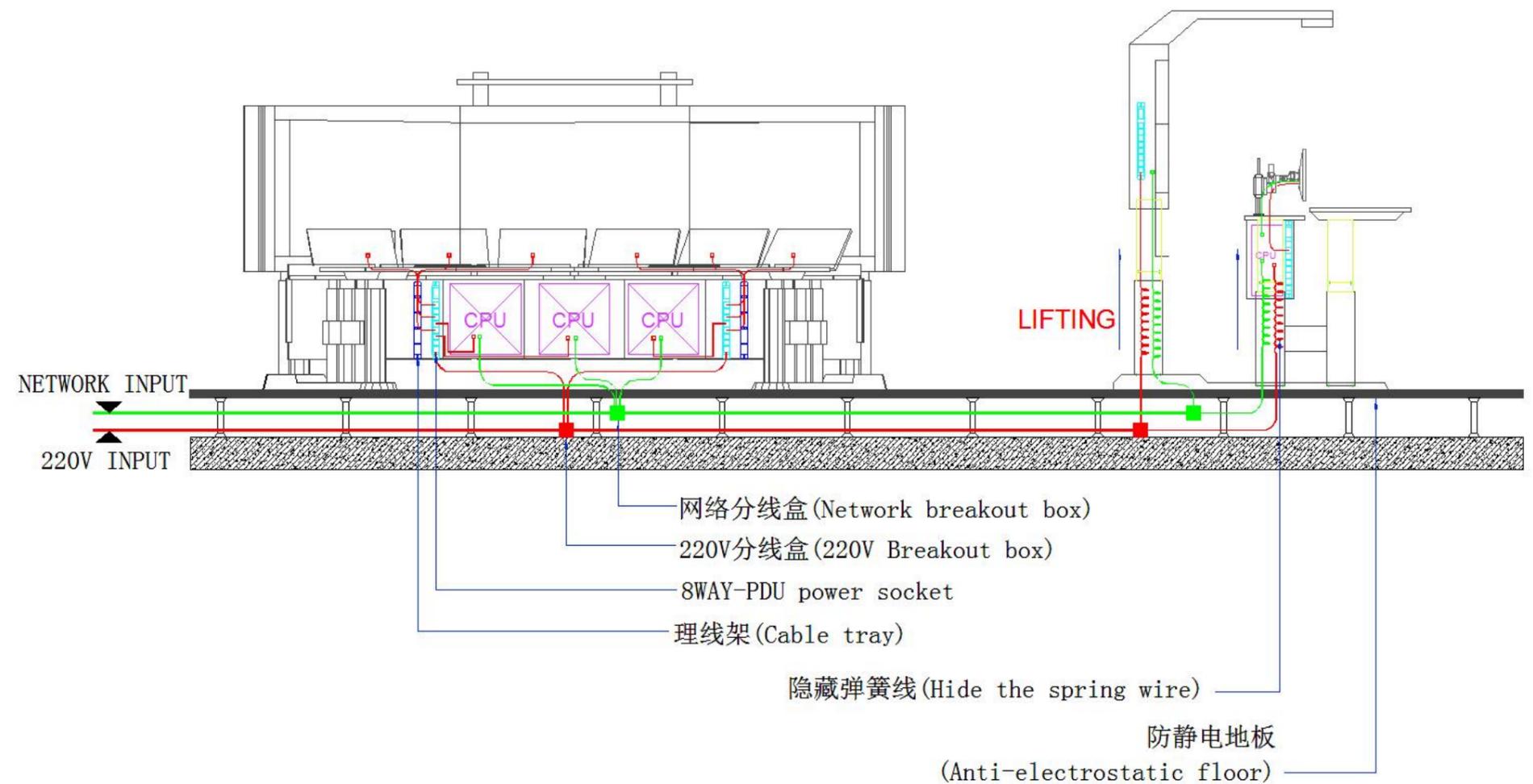
Corresponding cable troughs are provided in the cabinet to facilitate the cable management needs of various devices.



Professional wiring process

Short and smooth cable management system

- 1) Professional wiring channels are set up inside the console to adapt to the overall system environment.
- 2) Sufficient internal space allows for standard, neat, smooth, beautiful, reasonable and safe wiring.
- 3) It has the function of separating strong and weak electricity to avoid mutual interference.
- 4) A standard 19-inch equipment rack is optional internally, which facilitates the installation and wiring arrangement of 19-inch standard equipment.

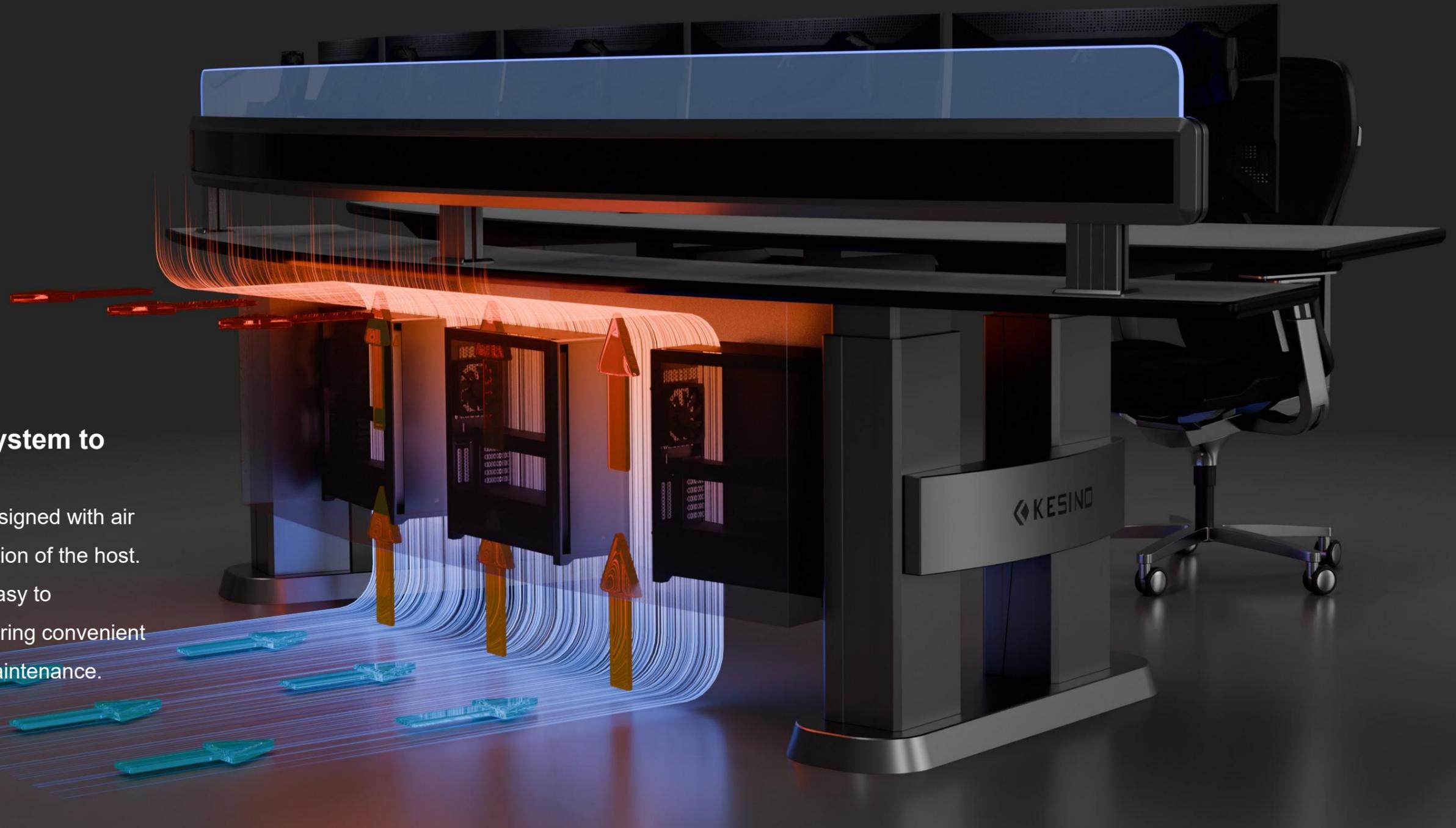




cooling system

Natural air cooling system to improve efficiency

The cabinet door panel is designed with air holes to ensure heat dissipation of the host. The snap-on door panel is easy to disassemble and open, ensuring convenient and quick installation and maintenance.



Materials:

Structural member :

The structural parts of the table body are made of high-quality cold-rolled galvanized steel sheets with a thickness of 2.0mm. They adopt environmentally friendly spraying technology and have good anti-yellowing performance and surface smoothness.

Main frame :

The main frame and screen are made of 6063-T5 aluminum alloy profiles and use special connectors with high connection strength, strong resistance to deformation, corrosion resistance, acid and alkali resistance, never rust, and a lifespan of 20 years without deformation.

Compact board (HPL) :

Compact board is an extremely versatile building decoration. It is the evolution of single-sided color fireproofing and has excellent product properties such as excellent waterproof, scratchproof, fireproof, and rich colors. It is suitable for indoor environments as a structural support material for planes and facades. It is the choice for public places with humidity, high pressure, and high load.



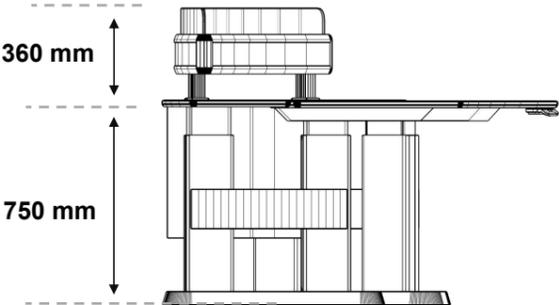
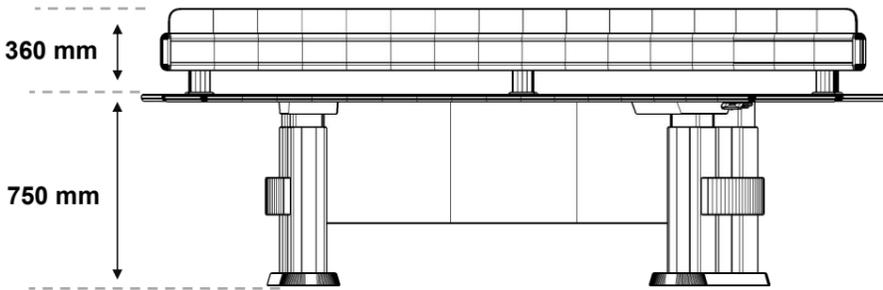
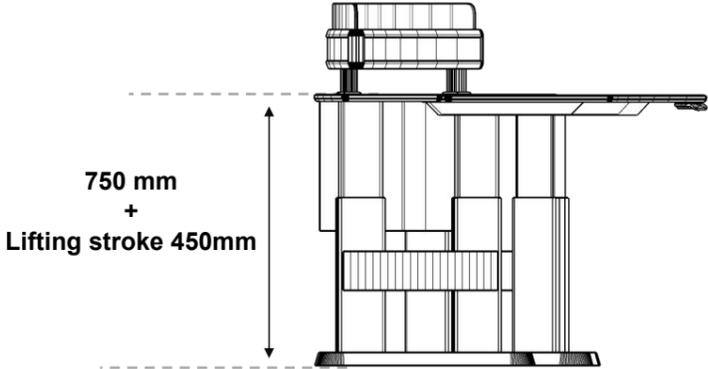
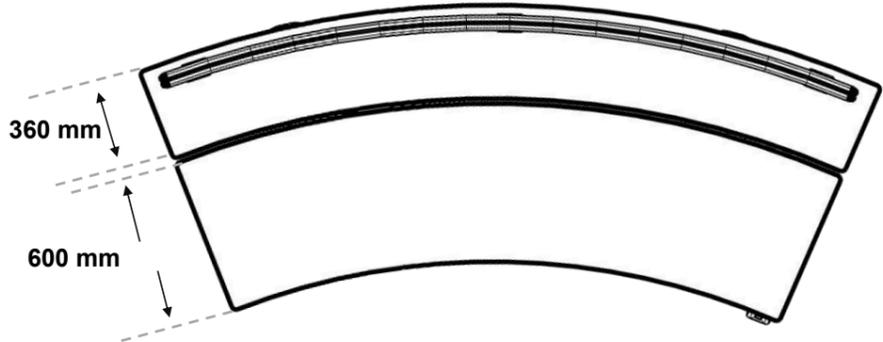
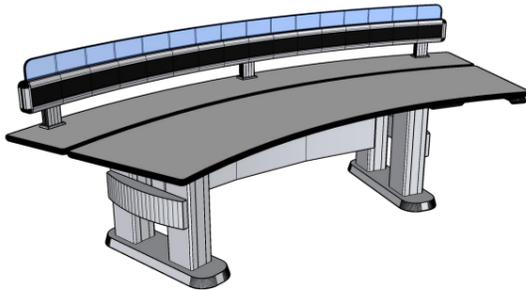
Product Design

To provide you with the standard size of the console

KCH-GROUP-BOX Dimension

- **Materials**

- The host frame adopts 6063-T5
- Aluminum alloy profiles
- Anti-fold plate
- Polyurethane edge sealing
- Acrylic light guide plate
- Cold rolled galvanized steel plate





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