

Workstations for Emergency Dispatch Facilities



- Investment-save
- Integration-flexible
- Ergonomic
- Individual



Knürr consoles for

The requirements of modern workstation designs are increasing, and regardless of “where” you work, whether it is in an operations control centre, a security control station, or at a computer control console, the decisive criteria here is always, “How?”.

Studies show that the optimum arrangement of a working environment increases every single

employees motivation. An optimum completion of assignments can only be truly realised when functionality and flexibility, quality and safety, timeless design and, needless to say, ergonomics result in a successfully implemented synthesis. Knürr’s security consoles have proven to be a crucial contribution in this respect.

Knürr is “the” specialist in looking after the requirements of authorities and organizations in carrying out public safety operations.

We are your partner when it comes to satisfying your requirements.

Operations control centers

at police and fire stations, rescue services, customs, etc.

Control and storage centers

in disaster management

Reception desks & Control centers

in industrial applications

of private security firms

Trust in more than 20 years’ experience
in planning, designing and installing control
centers and monitoring consoles.



Emergency centers

Investment-safe with long lifespan and flexible upgrading.

Reliability ensured with select materials and fast swap-out of various electrical and electronic components.

Ergonomic perfection by incorporating work-related health expertise into the individual planning, design and implementation.

Individual with analysis of process flows and environmental conditions, which results in finding a common solution.

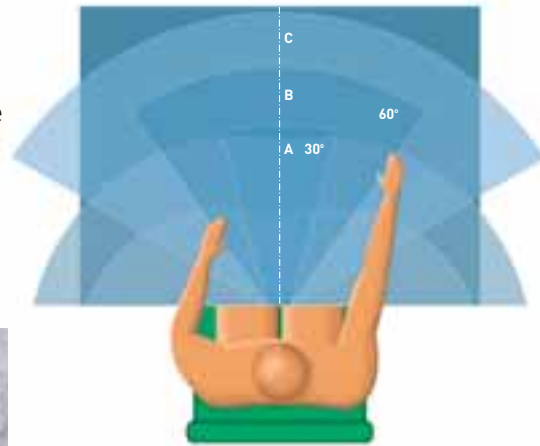


Knürr provides a decisive contribution to securing process flows in operations control centers.

Strong points

Ergonomics

“Going up”, “going down” - made safe and ergonomic. Stepless variable electrical sit/stand height adjustment from 720 to 1200 mm working height, both with standalone stations and with linked workstations. A Knürr-designed workstation counters tension in the head and neck area, and a comfortable, ergonomic sit/stand position reduces stress in critical situations.



Vision and reach range is extended by the circular arrangement and monitors mounted on a functional rail.

Individual technical pedestals

Equipment storage mounted underneath a workstation.

Smaller electrical and electronic elements and 19" components can even be integrated underneath desks/workstations and are easy to swap out with removable front and rear covers. Ergonomic leg space is guaranteed at all times.

or

Fixed spacious underdesk storage.

Easy swap-out of large and heavy built-in components with removable front and rear covers.

The underdesk storage provides the option of mounting computers, 19" components and mounting panels for non-standard components. Also lockable on request.



Monitor installation

Quick and secure installation of all trade-standard size TFT monitors. Flat screens are mounted on multifunctional rails with flexible flat screen holders, which provides optimum vision and reach range. A separate electric height-adjustable monitor level supports ergonomic working and counters muscle tension, especially in the neck area.



Individual workstation

Speakers and workstation lamps can be positioned on both the multi-functional rails and the side panel extrusions. Console structures are available individually in all versions, e.g. for micro-phones, speakers, lighting control, access controls, outside camera control or radio functions.



Cable management

Separate horizontal and vertical cable routing simplifies cabling at each individual station.



Separate horizontal cable routing in spacious cable ducts below the working level and on the multi-functional rail.



Chain link-ups with various cross-sections guarantee a safe and protected vertical cable routing and prevent cable kinks.

Holistic, ergonomically

The arrangement of a workstation heavily influences the performance and motivation of the employee.

Knürr uses occupational therapy expertise in this area, which is incorporated into the product development to support the dynamic, efficiency and creativity of the work process in a sustained manner.

Scientific studies reveal that ergonomically well-designed workstations reduce the number of days people cannot work or are ill.

The competence of our qualified workstation experts guarantees the consideration of every single aspect of ergonomics and modern room planning.

“An ergonomic workstation design is especially important in operations control centers that are manned 365 days a year, around the clock.”

Desk requirements

Posture variation

Changes between tension and relief, stillness and motion are natural progressions. Movement is necessary for a healthy back, the entire musculature, the joints and the circulation. A person that sits for long periods at a computer automatically adopts an unhealthy posture, which causes problems in the long run. Sit/stand workstations with stepless height adjustment provide the required solution!



Dynamic working

With dynamic working and continuously changing between, sitting, standing and walking, our body generates energies that have a positive effect on it and provide it with healthy posture support and tonicity. Our muscles can endure the changes from tension to tension release much longer than they can the continuous tension with static working. The daily work sequence should therefore be organised so that it provides a constant changing between activities sitting down, standing and walking.

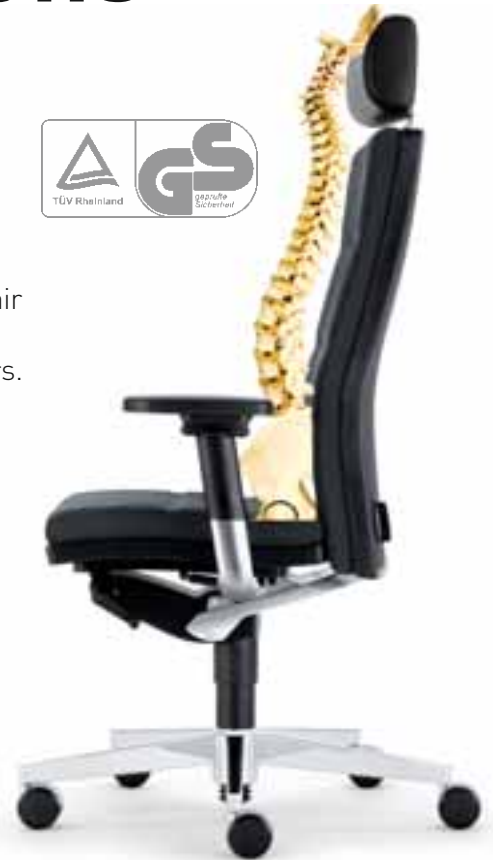
Flexible height-adjustable sit/stand workstations are better than rigid standing consoles that also require additional surface space. User-friendly and easily height-adjusted at the touch of a button to enable frequent posture changes.



planned workstations

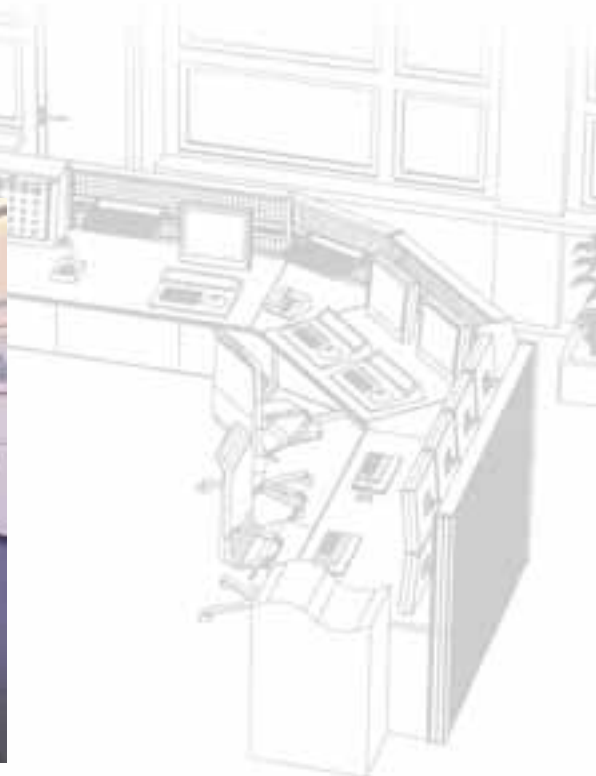
Chair requirements

The control station area has special requirements that can only be satisfied by chairs with maximum seated comfort. People that spend long periods in the rear seated position in their chair and have to stay focused and physically fit while they do so, consequently have the very highest requirements when it comes to chairs.



Room layout requirements

Ergonomic factors must already be incorporated at the early stage of room planning. Our trained workstation experts plan and construct workstations based on ergonomic necessities using the latest technical and scientific know-how. The corresponding standards and guidelines and individual, customer-specific requests are also integrated into the planning.



**“Car 54
come in please!”**



Circular foot area screen with full-length ergonomic foot rest.



Swivel workstation lamp with dimmer for glare-free working.



Electrically actuated driven control components for individual requirements. Optimum usage of work surfaces.



Long lifespan with the use of high-grade materials, e.g. ergonomic edges made of Corian or plastic and work levels with HP laminates.



**“Control to truck 71,
come in please!”**



Spacious equipment storage for mounting 19" equipment and non-standard components. The metal body supports heat diversion without additional fans. Easy access to the storage area with removable front and rear covers. Also lockable on request.



Electrically actuated height-adjustable monitor level for individual and ergonomic monitor height setting. Hidden horizontal and vertical cable routing. Glare-free working guaranteed with large area workstation lighting.



Electrically actuated height-adjustable sit/stand workstations enable dynamic and stress-free working. The monitors can be mounted on several levels using functional rails, ceiling fixing and integration into the control level as required.



**“Control to unit 24,
come in please!”**



Wrap-around control level with easy to change module panels for installing various components, such as telephones, speakers and swan-neck microphones. Surfaces available in various RAL colours and patterns.



Minimum space requirement for CPU equipment cavities and desk frame. Spacious work level, electrically actuated height-adjustable with integrated control elements and extension for meetings on both ends.



Module panel with power operated adjustable touch screen for glare-free working.



Monitoring control centers for industrial and security applications



A special rail system allows desk units to be easily moved. This enables access to the workstation, and at the same time also provides a uniform holistic appearance.



Covered TFT integration prevents visitors from reading security-relevant data. Work surfaces are ergonomically designed with circular desk arrangements.



With continuous work surfaces the individual modules guarantee optimum leg space with parallel stability. In the link-up area the connection elements are hidden in the worktop.



Separate horizontal and vertical cable routing in cable basket trays and with cable routing rings. Simple and dust-protected cable entry with brush strip across the entire desk width.



Monitor wall

Maintenance-free, autonomous solution with integrated LCD technology



Picture source: HÖRZU

The modular TFT monitor wall from Knürr for individual monitoring and big picture display with optional video split computer.

With support base for housing cables and technical components. Integrated cable management helps to ensure transparent cable-laying.

Low installation depth ñ lower space requirement. Can be positioned free-standing anywhere in the room.

Complete solution: Modern LCD monitors, support foot, on request with professional hardware and software for picture division and picture distribution to meet your requirements.

Single monitor solutions from 15" to 65" for all application areas



Accessories

Control station chairs



Monitor installations



Lamps



Sliding boards



Cabinets, standing consoles, printer stands, and more



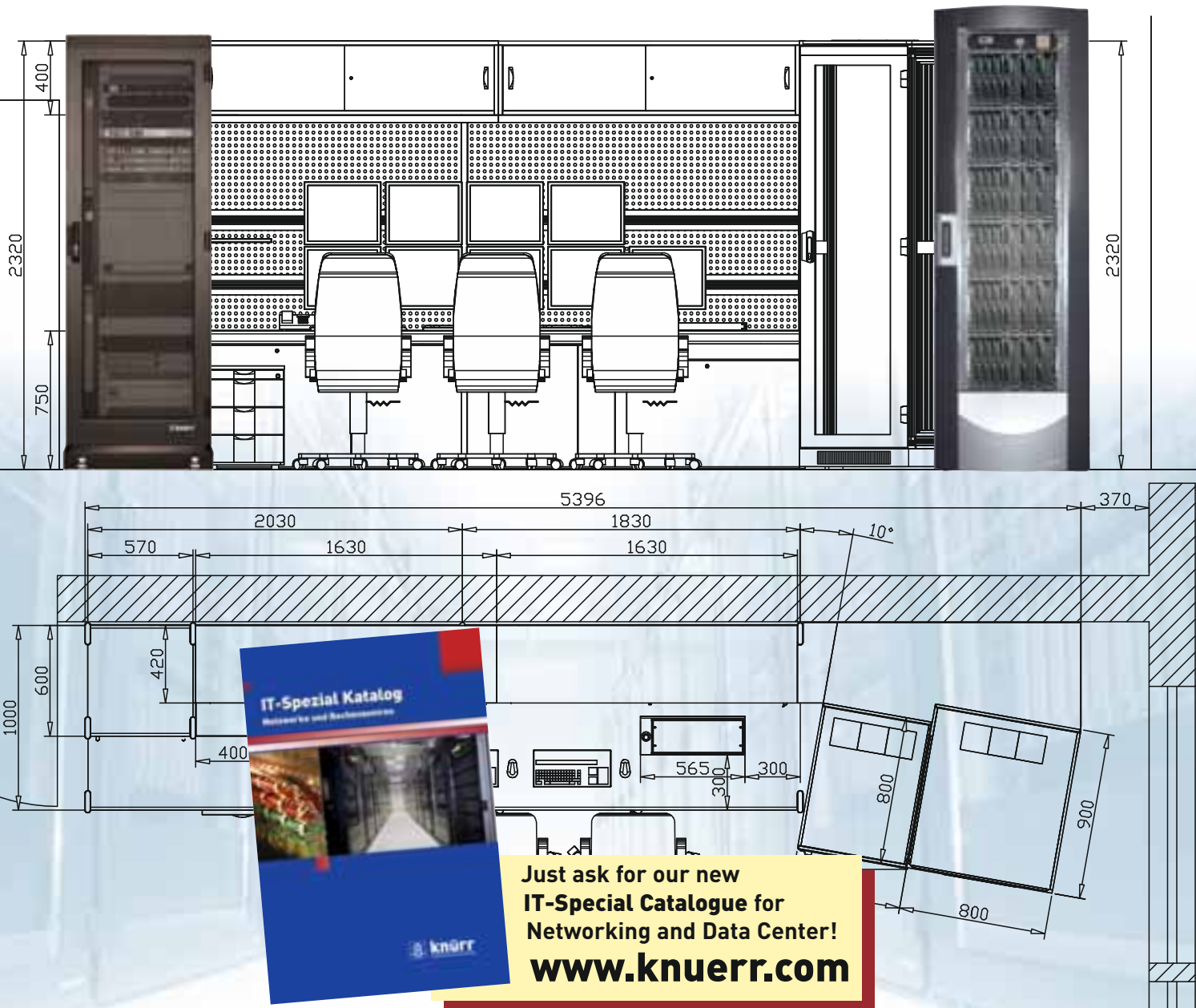
Synergy effects

Everything from one source

To allow you to concentrate completely and absolutely on your diverse tasks, you should leave the planning and design of new workstation systems to the experienced experts.

Knürr complete solutions have earned their name because absolutely every relevant aspect of the individual workstation design is considered - from A to Z.

“We are your partner for consoles in command centers and 19” technology in data rooms.”



Service

Reliability – Security – Quality

Comprehensive service is always number top of the list with Knürr's experts.

RfP texts

Individual planning and 3D room layouts

Project planning: Prototyping

On-site installation - fault-free, before and during operation

End acceptance on-site

After-sale guarantee



Our trained specialist staff ensure a professional and quick on-site setup – to your absolute satisfaction!

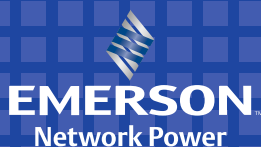
Emerson Network Power is a consistent global technology leader and recognised expert that helps to secure business-critical processes, and by doing so contributes to a "business-critical continuity".

A series of the most diverse applications, including the tried, tested and proven Knürr rack system solutions and the thermal management connected with them, ensure the required network stability with the highest technological adaptability at the same time.

Knürr system solutions in the world of information and network technology are part of an adaptive Emerson Network Power architecture, which flexibly adjusts to all changes concerning security/safety, high-density and all associated capacities. Companies profit in a sustainable and long-term way from the high IT availability, operative flexibility and impressive reduction in investment and operating costs.

Knürr AG is recognised around the world as one of the leading developers, manufacturers and distributors of rack and enclosure platforms in the indoor and outdoor area, including all relevant active/passive components of 19" structures and the technologies connected with them.

Knürr is certified in accordance with EN ISO 9001 and the EN ISO 14001 standard. Knürr's quality management continuously guarantees the highest level of quality in all areas of the company.



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