



VERTIV™

CONTROL ROOM INFRASTRUCTURE

VERTIV™ KNÜRR ERGOCON®

The ultimate 24/7 console
for critical operations



| | |
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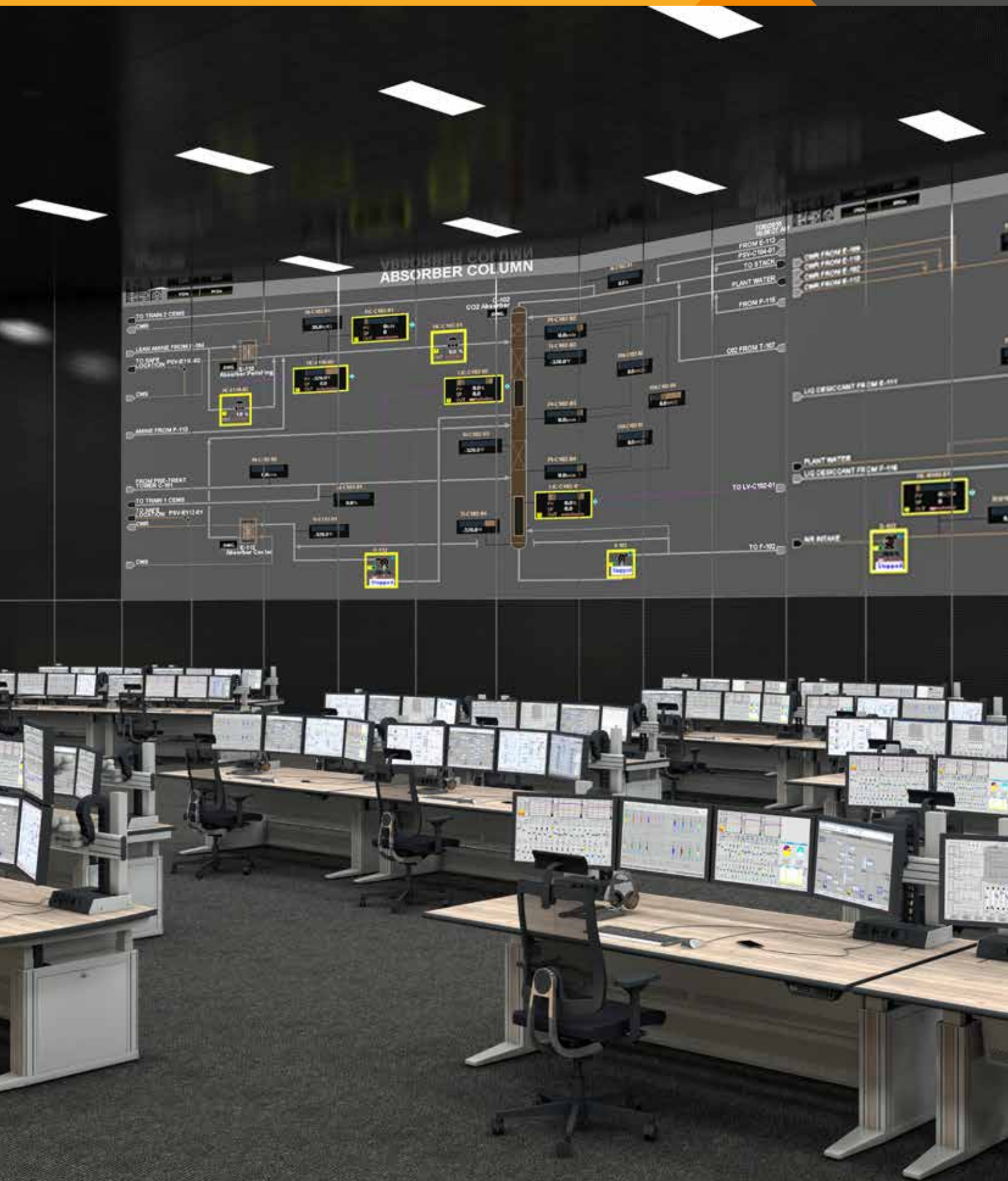
THE ULTIMATIVE 24/7 CONSOLE FOR CRITICAL OPERATIONS

The new **Knürr Ergocon®** console sets the standard for the most demanding 24-hour deployments in various types of control rooms and control suites:

- Best possible ergonomics, using multidimensional setting options on three axes (table height, monitor height, and viewing distance).
- Solutions for individual areas of application and perfect device integration from a wide variety of console models.
- In combination with Knürr Ergocontrol, each user can have customized settings. This free seating concept guarantees efficient workstation ergonomics.

With many years of experience in equipping mission-critical control centers, our Knürr workstation experts design perfectly adapted workstations for emergency service organizations such as fire departments, rescue services, disaster and civil protection, police, as well as for private security centers.





Knürr Ergocon®

with new KVM-ready technology cabinet in base

Intelligent cable routing

Cables are routed in a roomy and hidden vertical support on the side of the table, accessible from both inside and out.

High-quality desk tops

- Available in rectangular and curved designs
- Single-level or bi-level work surface.
- Framed by ergonomic and heavy-duty Knürr ErgoSoft edging.



Modular console system

Choice between four different base frame widths

- 1400 mm
- 1800 mm
- 2200 mm
- 2x1400 mm for extra-large consoles

Standard compliance

- DIN EN ISO 11064: Ergonomic design of control centers
- DIN EN 527 defines workstation types with minimum requirements for range of settings:
Type A: min. 650 to 1,250 mm
Type D: min. 680 to 1,180 mm
We fulfill both requirements!*

Stability and design

Stable c-base frame for maximum legroom.
Optional colored decorative strips made of extruded aluminum for a personal touch.

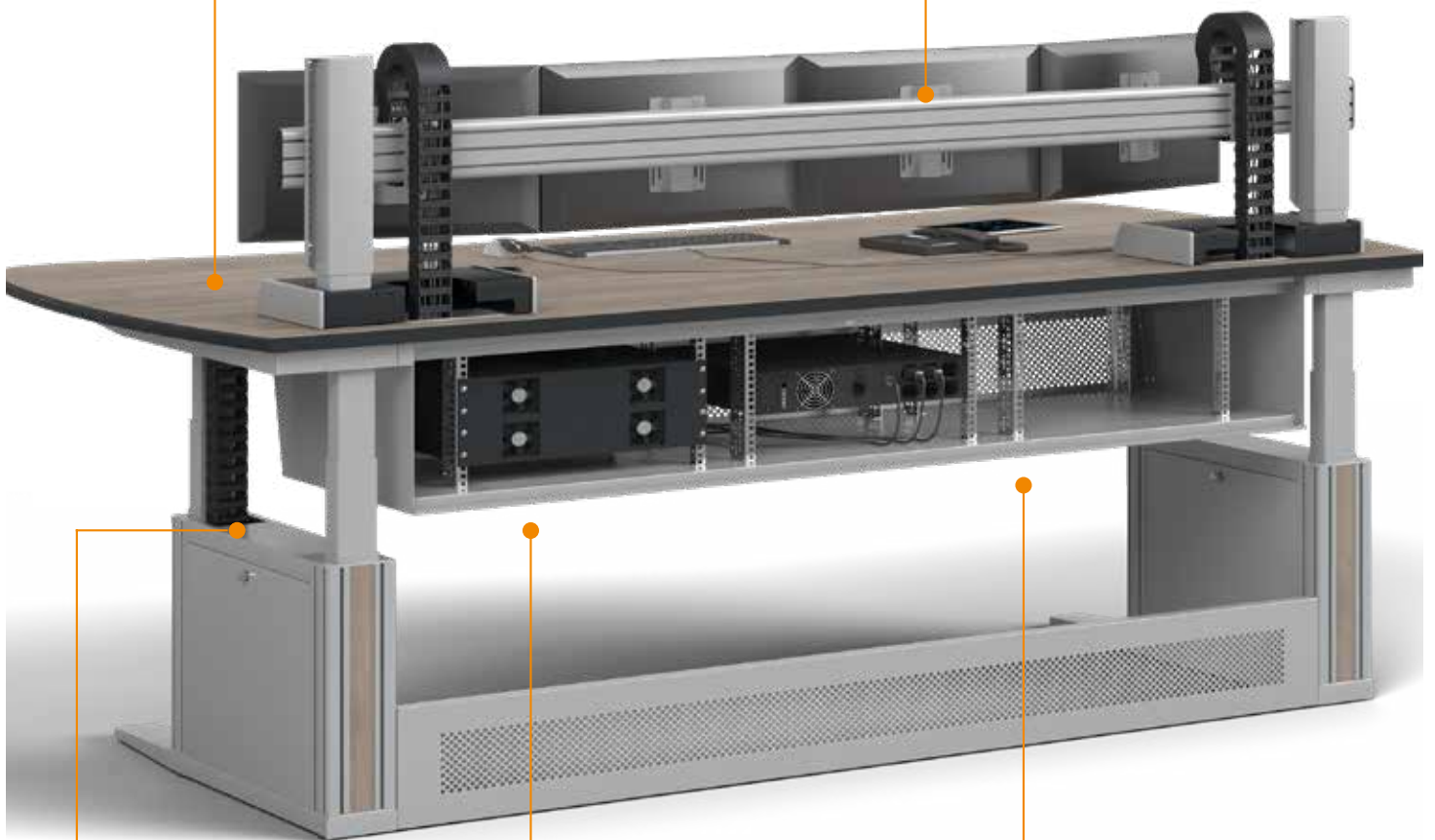
* Depending on the corresponding console design

Modern colors

Base frame in RAL 9006 White aluminium. Tabletop, decorative strips, and wood trim on technology cabinet available in six different designs.

Secure monitor connection

Highest flexibility using single-level and two-level monitor rails, with the option of motorized height and depth adjustment.



Comfortable height adjustment

Simple height adjustment for working and monitor levels, with memory function (standard).

Integrated passive ventilation concept

Guarantees maximum reliability of IT components.

KVM-ready technology cabinet in base

With up to 3x6 RU 19" installation space for the perfect integration of KVM switches, SFF-PC, power distribution, cable management accessories, and much more.

Knürr Ergocon®

The right console for your specific application!

To keep up with the growing requirements for control center consoles, we have developed the new Knürr Ergocon console in three different designs:

The common element here is the new multifunctional side compartment.

Clever side compartment with multiple features:

Collision protection

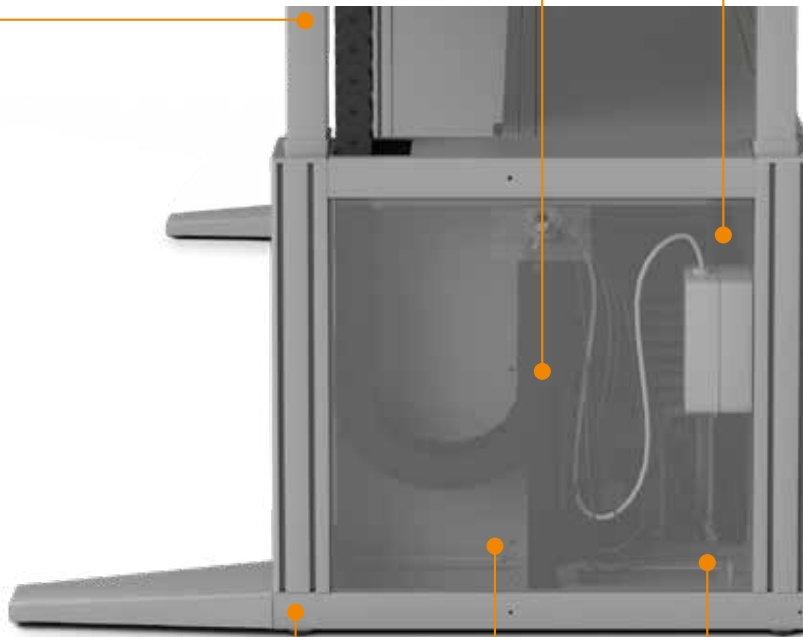
using integrated piezoelectric sensors.

Secure cable routing

with optimal bending.

Various installation options

Integration of data and power transfer points using the corresponding Knürr accessories.



Complete grounding concept

Maximum accessibility

for maintenance purposes, with removable side covers (optionally lockable).

Concealed cables

through doubled bottom and spacious openings.

1 Installation module

Area of application:
Minimal technical integration with max. 3x1 RU 19" installation space under the tabletop, typical for video extender applications.



2 KVM-ready technology cabinet in base

Area of application:
Up to 3x6 RU for integrating technology, typical for KVM applications, SFF or micro-workstations.



3 Workstation technology cabinet in base

Area of application:
Maximum technical integration for tower or 19" workstation requiring much space, typical for powerful servers and rack-mounted equipment directly on the console.



Rectangular consoles:



Application:

Especially suited for setting up efficiently in rows in front of large-format screens on a wall.

A single console can also be efficiently placed into the existing infrastructure, saving space due its rectangular shape. Rectangular workstations are especially recommended for changing activities between manual writing work and computer-supported work.

Our rectangular consoles are available not only in a single-level design, but also as a bi-level table, with the rear level able to drop down 70 mm.

To meet your specific requirements, you have a choice between **four different widths**:

- **1600 mm**
(base width 1400 mm)
- **2000 mm**
(base width 1800 mm)
- **2400mm**
(base width 2200mm)
- **3000 mm**
(base width 2x1400 mm)



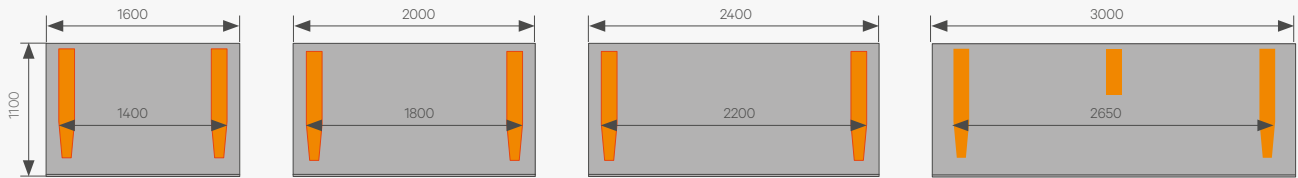
Single-level work surface



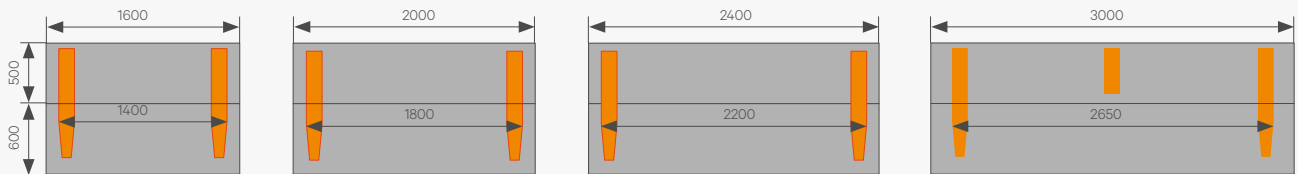
Bi-level work surface

Dimensions:

Single-level work surface:



Bi-level work surface:



Curved consoles:



Convex arrangement,
large radius



Convex arrangement,
small radius



Concave arrangement

Application:

Especially suited for circular arrangement of consoles in control rooms.

The innovative curved tabletops offer clear advantages: They can be arranged in various curve shapes, whether tight or open, concave or convex.

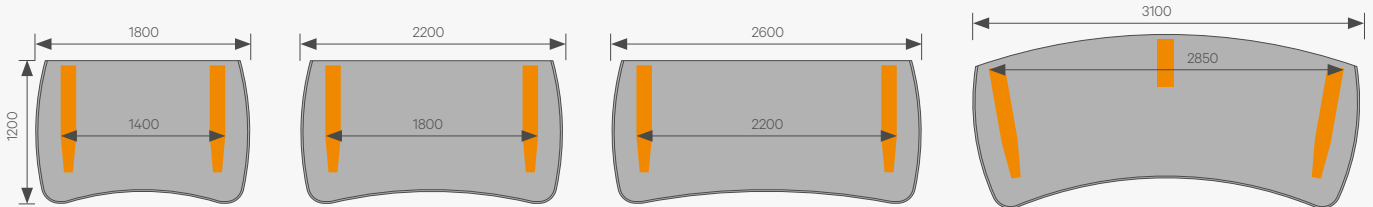
For single consoles, the ergonomically rounded tabletops play a significant role in reducing the risk of hitting table corners in heavily trafficked control rooms.

Our curved consoles are also available in a single-level design, as well as a bi-level table, with the rear level capable of lowering 70mm. To meet your specific requirements, you have a choice between **four different widths**:

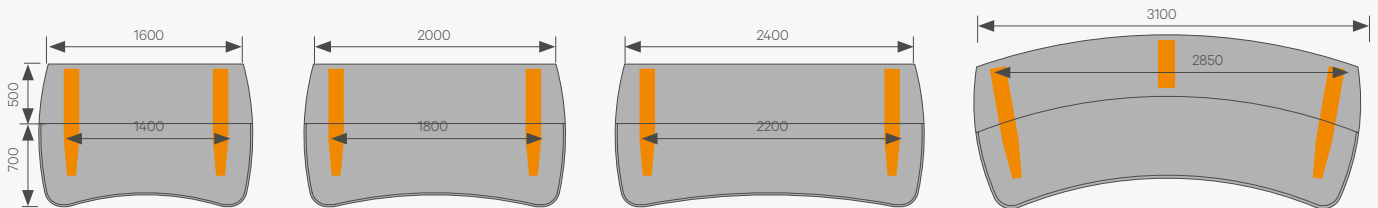
- **1800 mm**
(base width 1400 mm)
- **2200mm**
(base width 1800mm)
- **2600mm**
(base width 2200mm)
- **3100 mm**
(base width 2x1400 mm)

Dimensions:

Single-level work surface:



Bi-level work surface:



Monitor levels:

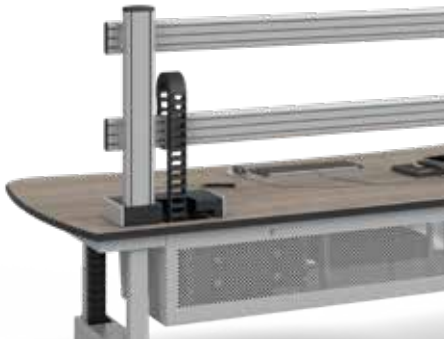
The monitor level is the main element found above the working surface. To offer the user optimal ergonomics,

Knürr has three different designs for monitor placement:

1. Heightfix (H-Fix)



Hfix single-level



Hfix two-level

2. Height-adjustable (H-A)



H-A single-level



H-A two-level

3. Height/depth-adjustable (H/D-A)



H/D-A single-level



H/D-A two-level

1. Heightfix (H-Fix):

The horizontal function rail with integrated cable duct guarantees secure and stable monitor mounting. This allows the tabletop below the monitor to remain free for other devices or desk attachments. Large-volume energy chains provide for protected and orderly cable routing.

The patented multi-function unit establishes the basic framework for any monitor mount. It incorporates functions such as concealed

cable routing and mounting for the vertical columns (as well as the optional Knürr-DICON personal docking units).

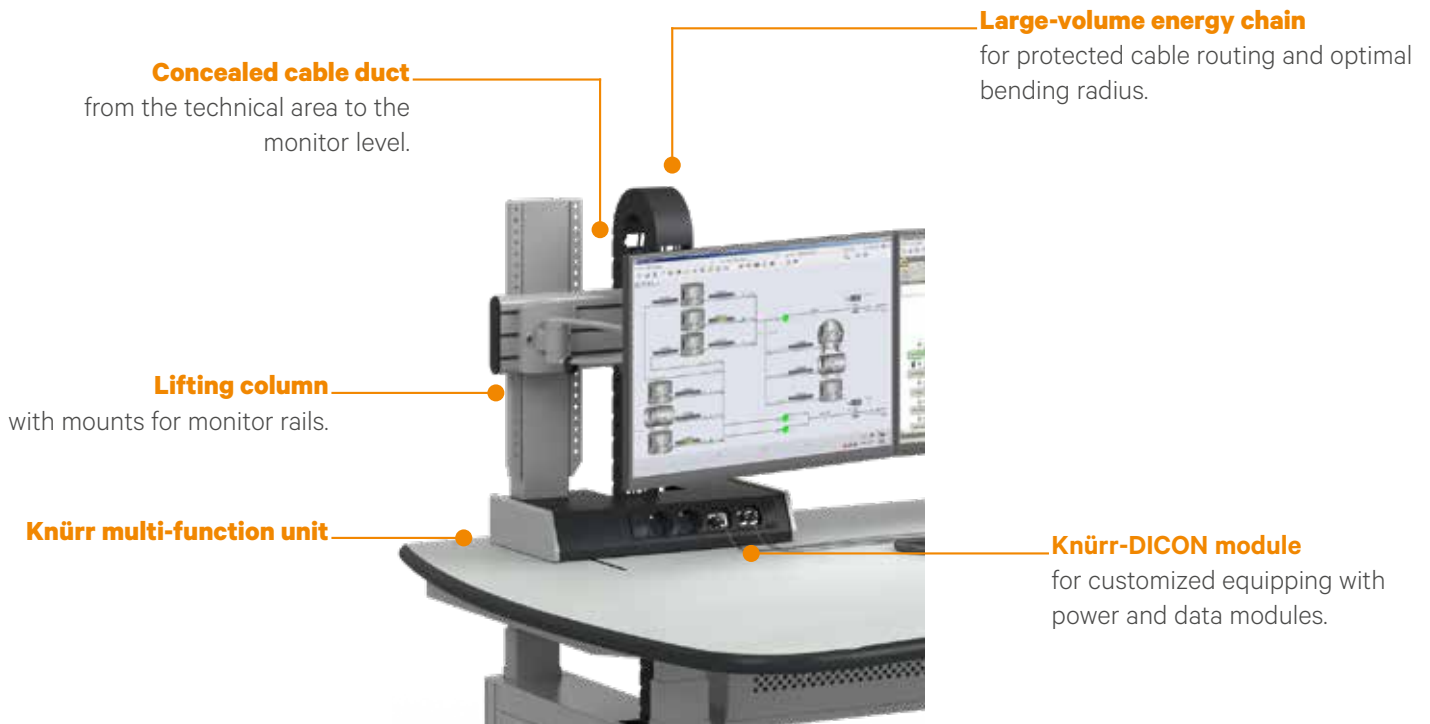
2. Height-adjustable (H-A):

Above and beyond the functions of the H-Fix monitor level, the H-A version offers infinitely variable electrical height adjustment for monitors. Secure operation is always certain with the integrated piezoelectric sensors for collision protection.

3. Height- and depth-adjustable (H/D-A):

In addition to the functions of the H-Fix and H-A monitor levels, this version is equipped with completely concealed, electrical depth adjustment. This allows the user to adjust all levels as they see fit for the best possible ergonomics and the optimal viewing distance to the monitors.

Knürr multi-function unit:



Colors:



- Tabletop in **RAL7035, Light grey**
- Sheet metal parts and aluminum profiles in **RAL9006, White aluminium**

Depending on design:

- Installation module or KVM technology cabinet in base in RAL9006, White aluminium
- Workstation technology cabinet in base in RAL9006, White aluminium

.A



- Tabletop in **Nelson oak wood pattern**
- Sheet metal parts and aluminum profiles in **RAL9006, White aluminium**

Depending on design:

- Installation module or KVM technology cabinet in base in RAL9006, White aluminium
- Workstation technology cabinet in base in RAL9006, White aluminium with front panel in **Nelson oak wood pattern**

.B



- Tabletop in **Pine black wood pattern**
- Sheet metal parts and aluminum profiles in **RAL9006, White aluminium**

Depending on design:

- Installation module or KVM technology cabinet in base in RAL9006, White aluminium
- Workstation technology cabinet in base in RAL9006, White aluminium with front panel in **Pine black wood pattern**

.C



- Tabletop in **Nano bronzo doha**
- Sheet metal parts and aluminum profiles in **RAL9006, White aluminium**

Depending on design:

- Installation module or KVM technology cabinet in base in RAL9006, White aluminium
- Workstation technology cabinet in base in RAL9006, White aluminium

.D



- Tabletop in **Beech wood pattern**
- Sheet metal parts and aluminum profiles in **RAL9006, White aluminium**

Depending on design:

- Installation module or KVM technology cabinet in base in RAL9006, White aluminium
- Workstation technology cabinet in base in RAL9006, White aluminium with front panel in **Beech wood pattern**

.E



- Tabletop in **Maple wood pattern**
- Sheet metal parts and aluminum profiles in **RAL9006, White aluminium**

Depending on design:

- Installation module or KVM technology cabinet in base in RAL9006, White aluminium
- Workstation technology cabinet in base in RAL9006, White aluminium with front panel in **Maple wood pattern**

.F

Decorative panels:



RAL7021,
Black grey



Nelson oak
wood pattern



Pine black
wood pattern



Nano bronzo
doha



Beech wood
pattern



Maple wood
pattern



Individual
corporate
logo



Knürr Ergocon®

Configurator



The possibilities are impressive!

Over 2,000 variations are available, using the configurable part numbers.

This lets you put together the perfect console, designed specifically to meet your tastes and requirements.

You can include an installation module, KVM-ready technology cabinet in the base, rectangular or curved tabletop, single-level or bi-level design, and up to two-level monitor rails with depth adjustment.

You will always find the right Knürr console for your particular application!

Using the **Knürr Ergocon® configuration table**, you can specify the console that is best for you.

Part no.:

04.500.



| Base widths | Tabletop shape | Monitor level | Color |
|--|----------------------------------|-------------------------------|-----------------------------|
| A = B1400 Installation module | 0 = Rectangular | 0 = without | A = RAL 7035 |
| B = B1400 KVM-ready technology cabinet in base | 1 = Rectangular, bi-level | 1 = H-Fix single-level | B = Nelson oak |
| C = B1400 Workstation technology cabinet in base | 2 = Curved | 2 = H-Fix two-level | C = Pine black |
| D = B1800 Installation module | 3 = Curved, bi-level | 3 = H-A single-level | D = Nano bronzo doha |
| E = B1800 KVM-ready technology cabinet in base | | 4 = H-A two-level | E = Beech |
| F = B1800 Workstation technology cabinet in base | | 5 = H/D-A single-level | F = Maple |
| G = B2200 Installation module | | 6 = H/D-A two-level | |
| H = B2200 KVM-ready technology cabinet in base | | | |
| I = B2200 Workstation technology cabinet in base | | | |
| J = 2x B1400 Installation module | | | |
| K = 2x B1400 KVM-ready technology cabinet in base | | | |
| L = 2x B1400 Workstation technology cabinet in base | | | |

Sample configuration (see image, left):

Base width: B2200 mm workstation technology cabinet in base
 Tabletop: curved, single-level
 Monitor level: height/depth-adjustable, single-level
 Tabletop color: RAL7035, Light grey



| Base widths | Tabletop shape | Monitor level | Color |
|-------------|----------------|---------------|----------|
| I | 2 | 5 | A |



Configuration number:

04.500.I25.A

Knürr Ergocontrol

Intelligent control for workstations in control rooms!

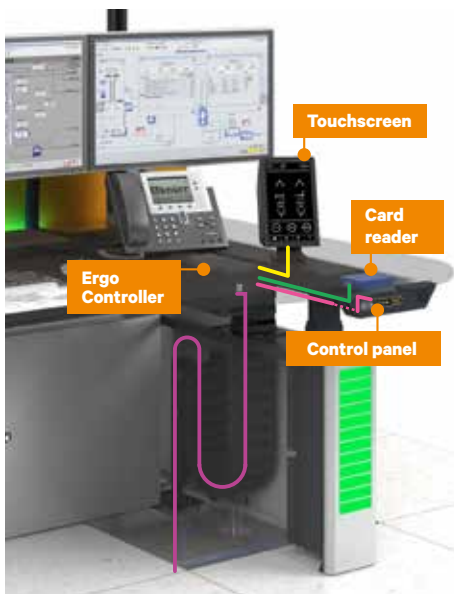


Advantages

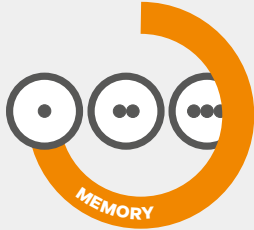
Ergonomics as a factor in productivity and wellbeing – easy to handle and comfortable to use.

Up to 1,000 different users can log in to the console via RFID and store their own personal settings for seated position, standing position, and monitor distance using the Knürr Ergocontrol system. Stored settings can be called up at any console networked to a user group, which means up to 48 different consoles are ready to be automatically adjusted to any user in that group.

- Smart **multi-user** control
- Improves the actual use of the setting options
- **Free choice of seats** in large control rooms
- **User-specific storage of settings**
- Future-proof **using open interfaces**



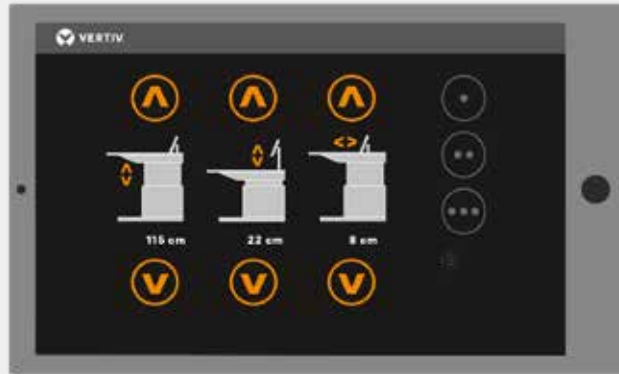
Main features



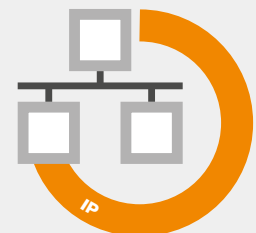
Up to three presets



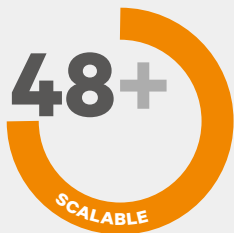
Upgradable



Omicard Reader



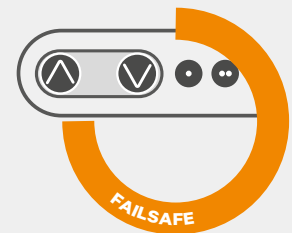
Single workstation or network



Up to 48 consoles per group



Open interfaces for building technology



Parallel tried-and-tested standard controller



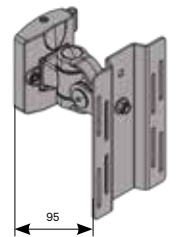
Accessories

Flat display mount, decorative panels, and integrated technology



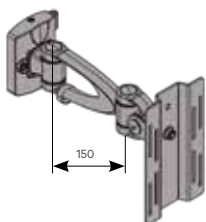
Flat display mount

- Flat display mount for displays with VESA mount, 100 mm
 - With integrated cable duct
 - For mounting on Knürr IM function rail
 - Integrated quick-mount system
- **Material / Surface Type D-G**
 - Swivel arms: Die-cast aluminum, powdered RAL 9006 White aluminium
 - Adapter: Sheet steel powdered smooth, RAL9006 White aluminium
 - Covers on monitor arms: Plastic, clear
- **Scope of supply**
 - 1x flat display mount
 - with height compensation plate
 - Fasteners
 - **How supplied**
 - In sets

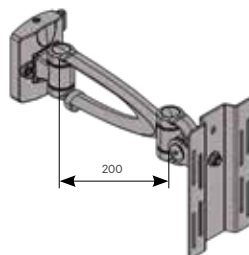


Flat display mount IM short

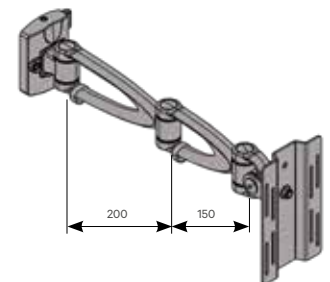
| Version | Height compensation plate | Load capacity | Part No. | PU |
|-------------------------------|---------------------------|---------------|--------------|------|
| Type IM short (95 mm) | • | 15 kg | 04.501.010.7 | 1 pc |
| Type IM medium (150 mm) | • | 15 kg | 04.501.011.7 | 1 pc |
| Type IM long (200 mm) | • | 15 kg | 04.501.012.7 | 1 pc |
| Type IM double (200 + 150 mm) | • | 15 kg | 04.501.013.7 | 1 pc |



Flat display mount IM medium (150 mm)



Flat display mount IM long (200 mm)



Flat display mount IM double (200 + 150 mm)

Decorative panels

- For customized design of Ergocon aluminum profiles

- **Scope of supply**
 - 1 decorative panel

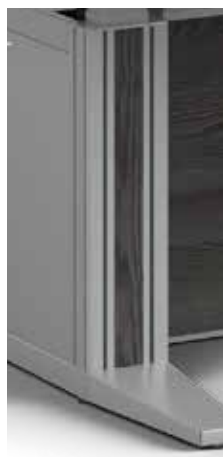
| Version | Part No. | PU |
|-------------------------|--------------|------|
| RAL7035, Light grey | 04.501.004.A | 1 pc |
| Nelson oak wood pattern | 04.501.004.B | 1 pc |
| Pine black wood pattern | 04.501.004.C | 1 pc |
| Nano bronzo doha | 04.501.004.D | 1 pc |
| Beech wood pattern | 04.501.004.E | 1 pc |
| Maple wood pattern | 04.501.004.F | 1 pc |
| RAL7021, Black grey | 04.501.004.G | 1 pc |



RAL7035, Light grey



Nelson oak wood pattern



Pine black wood pattern



Nano bronzo doha



Beech wood pattern



Maple wood pattern



RAL7021, Black grey



Individual corporate logo

Dimensions in mm: W = width
H = height
D = depth
h = installation height
t = usable depth
L = length

RU = Number of standard height units. 1 RU = 44.45 mm
19" = 482.6 mm,
(suited to 19" installation acc. to DIN 41494)
PU = package unit
kg = weight

Conversion: 1 inch = 25.4 mm
1 pound = 453.6 g

Replace 'x' with the last digit of your color choice

Knürr-Dicon for multi-function unit

- Suitable for integration in the Ergocon multi-function unit
- Customizable power and data supply unit
- Available in three country versions (DE-Germany, F-France, CH-Switzerland) with two or three power outlets (for CH: one or two)
- Flexible equipping of data module elements using keystone mounts
- **Material/surface**
 - Housing: closed sheet steel profile, galvanized, powder-coated structure
 - Plastic parts: Vampamid 6 0024 VO (UL94), recyclable
 - Center core: continuous power rails, brass
- **Approvals/certificates**
 - CE label in accordance with:
 - Low-voltage guideline 2014/35/EU
 - EMC guideline 2014/30/EU
 - RoHS guideline 2011/65/EU
 - Bureau Veritas BG certificate (factory inspection)
 - Bureau Veritas CB certificate
- **Colors**
 - Housing: RAL 9005 Jet black microstructure
 - Plastic parts: black
- **Load capacity**
 - 100–240 V AC/16 A (Schuko and France)
 - 100–240 V AC/10 A (Switzerland)
- **Scope of supply**
 - 1 power outlet strip
 - 2 fastening brackets



4x unit Schuko



4x unit French (UTE)



4x unit Switzerland (Type 13) with 10 A fuse

| Model | Input values | | Input plug | Outputs | | | Part No. |
|-------|--------------|---------|------------|-----------|-------|------------|--------------|
| | Voltage | Current | | DE Schuko | F UTE | CH Type 13 | |
| 4x | 230 V | 16 A | GST-18 | 2 | | | 03.300.022.8 |
| 4x | 230 V | 16 A | GST-18 | | 2 | | 03.400.022.8 |
| 4x | 230 V | 16 A | GST-18 | | | 1 | 03.701.012.8 |
| 4x | 230 V | 16 A | GST-18 | | | 2 | 03.701.021.8 |

Knürr-Dicon for desk mount

- Suitable for integration into Knürr table mounting frames
 - Customizable power and data supply unit
 - Available in three country versions (DE-Germany, F-France, CH-Switzerland)
 - Two different widths (as 4x and 6x unit)
 - Flexible equipping of data module elements using keystone mounts
- Technical data same as above!**

| Model | Input values | | Input plug | Outputs | | | Part No. |
|-------|--------------|---------|------------|-----------|-------|------------|--------------|
| | Voltage | Current | | DE Schuko | F UTE | CH Type 13 | |
| 4x | 230 V | 16 A | GST-18 | 2 | | | 03.300.022.8 |
| 4x | 230 V | 16 A | GST-18 | | 2 | | 03.400.022.8 |
| 4x | 230 V | 16 A | GST-18 | | | 1 | 03.701.012.8 |
| 4x | 230 V | 16 A | GST-18 | | | 2 | 03.701.021.8 |
| 6x | 230 V | 16 A | GST-18 | 3 | | | 03.300.033.8 |
| 6x | 230 V | 16 A | GST-18 | 4 | | | 03.300.042.8 |
| 6x | 230 V | 16 A | GST-18 | | 3 | | 03.400.033.8 |
| 6x | 230 V | 16 A | GST-18 | | 4 | | 03.400.042.8 |
| 6x | 230 V | 16 A | GST-18 | | | 2 | 03.701.023.8 |
| 6x | 230 V | 16 A | GST-18 | | | 3 | 03.701.032.8 |

| Version | W | D | Part No. | PU |
|--------------------------|-----|-----|--------------|------|
| 4x table mounting frames | 285 | 160 | 04.501.050.8 | 1 pc |
| 6x table mounting frames | 385 | 160 | 04.501.051.8 | 1 pc |



6x unit Schuko

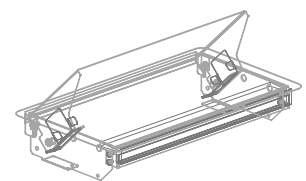


Table mounting frames



Table mounting frames

Knürr-Dicon mounting plates and Keystone modules

| | |
|---|--------------|
| Mounting plate simple | 03.322.054.8 |
| Mounting plate 1x Keystone | 03.322.055.8 |
| Mounting plate 2x Keystone | 03.322.056.8 |
| Mounting plate 1x VGA | 03.322.057.8 |
| Keystone module USB 3.0 | 03.322.058.1 |
| Keystone module RJ45 Cat.6A | 03.322.059.1 |
| Keystone module HDMI | 03.322.060.1 |
| Keystone module AUDIO 3.5 mm 4-pin stereo | 03.322.061.1 |
| Keystone module VGA | 03.322.062.1 |

Version: Socket – socket for all modules

| | USB 3.0 | RJ 45 | HDMI | Audio | VGA |
|-----------------------------------|---------|-------|------|-------|-----|
| Mounting plate 1x Keystone | 1x | 1x | 1x | 1x | - |
| Mounting plate 2x Keystone | 2x | 2x | 2x | 2x | - |
| Mounting plate 1x VGA | - | - | - | - | 1x |



Mounting plate simple



Mounting plate 1x Keystone



Mounting plate 2x Keystone



Mounting plate 1x VGA

Supply cable for Knürr-DICON unit

- Network plug CEE/VII - GST 18 socket (Wieland)
- Line H05VV-F3G 1.5 mm²
- Color
 - White

| L | Part No. | PU |
|-------|--------------|------|
| 2.0 m | 04.000.040.0 | 1 pc |
| 5.0 m | 04.000.041.0 | 1 pc |



DOS00467

Dimensions in mm: W = width
 H = height
 D = depth
 h = installation height
 t = usable depth
 L = length

RU = Number of standard height units, 1 RU = 44.45 mm
 19" = 482.6 mm, (suited to 19" installation acc. to DIN 41494)
 PU = package unit
 kg = weight

Conversion: 1 inch = 25.4 mm
 1 pound = 453.6 g

Replace 'x' with the last digit of your color choice

Data transfer point RJ45

- Suited for the installation of up to five RJ45 keystone elements.
- For simple attachment in Ergocon side compartment.
- **Material/surface**
 - Sheet steel, powder-coated RAL9006, White aluminium
- **Scope of supply**
 - 1x mounting bracket with fasteners
- **How supplied**
 - In sets
- **Note**
 - Please order the accompanying Keystone elements separately.

| Version | Part No. | PU |
|-----------------------------|--------------|------|
| Data transfer point | 04.501.035.7 | 1 pc |
| Keystone module RJ45 Cat.6A | 03.322.059.8 | 1 pc |



Support bracket for power distributor

- Suitable for installation of max. 2 Knürr 19" DI strip PDUs or a power distributor box.
- For simple attachment in Ergocon side compartment.
- **Material/surface**
 - Sheet steel, powder-coated RAL9006, White aluminium
- **Scope of supply**
 - 1x support bracket with fasteners
- **How supplied**
 - In sets
- **Note**
 - Please order power distribution units separately.

| Version | Part No. | PU |
|-----------------|--------------|------|
| Support bracket | 04.501.036.7 | 1 pc |



19" swivel frame, 4 RU

- Suitable for consoles with technology cabinet in workstation base
 - Attachment for 19" swivel frame on the floor frame of the technology cabinet in the workstation base using depth members
 - Assembly of equipment on 19" profile using hole matrix and cage nuts
- Material/surface**
 - Sheet steel, powder-coated, RAL7021, Black grey
 - Scope of supply**
 - 1x 19" frame
 - How supplied**
 - Pre-mounted
 - Note**
 - Please order suitable fastening materials for 19" components with order.



| Version | Part No. | PU |
|------------------------|--------------|-------|
| 19" swivel frame, 4 RU | 04.501.040.8 | 10 pc |

Cable bridge

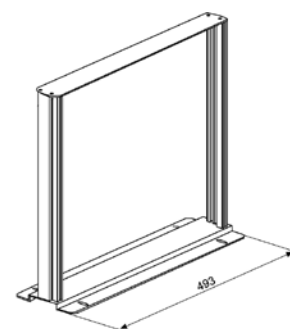
- Suitable for consoles with technology cabinet in workstation base
- Material**
 - Cable bridge, steel, coated
 - Scope of supply**
 - 1x cable bridge with fasteners
 - How supplied**
 - In sets
 - Dimensions**
 - Height 60 mm, depth 60 mm length fits to technology cabinet in the base



| Version | Part No. | PU |
|------------------------|--------------|------|
| For base width 1400 mm | 04.501.030.9 | 1 pc |
| For base width 1800 mm | 04.501.031.9 | 1 pc |
| For base width 2200 mm | 04.501.032.9 | 1 pc |

19" frame, 8 RU

- Suitable for consoles with technology cabinet in workstation base
 - 19" frame for attachment of 19" components and mounting plates
 - Attachment of 19" frame on the floor frame of the technology cabinet in the workstation base using depth members, thereby adjustable
 - Mounting equipment on 19" profile using t-slots and speed nuts, thereby allowing infinite height adjustment
- Material**
 - 19" adapter plate and frame cover made of sheet steel (powder-coated structure)
 - 19" profile made of extruded aluminum, blank
 - Surface**
 - Adapter plate RAL 9011, Graphite black
 - Scope of supply**
 - 1 adapter plate
 - 1 frame cover
 - 2 depth members
 - 2 19" profiles
 - How supplied**
 - Pre-mounted
 - Dimensions**
 - Please order suitable fastening materials for 19" components with order.



KON20032

| Version | Part No. | PU |
|-----------------|--------------|------|
| 19" frame, 8 RU | 04.412.650.7 | 1 pc |

Dimensions in mm: W = width
H = height
D = depth
h = installation height
t = usable depth
L = length

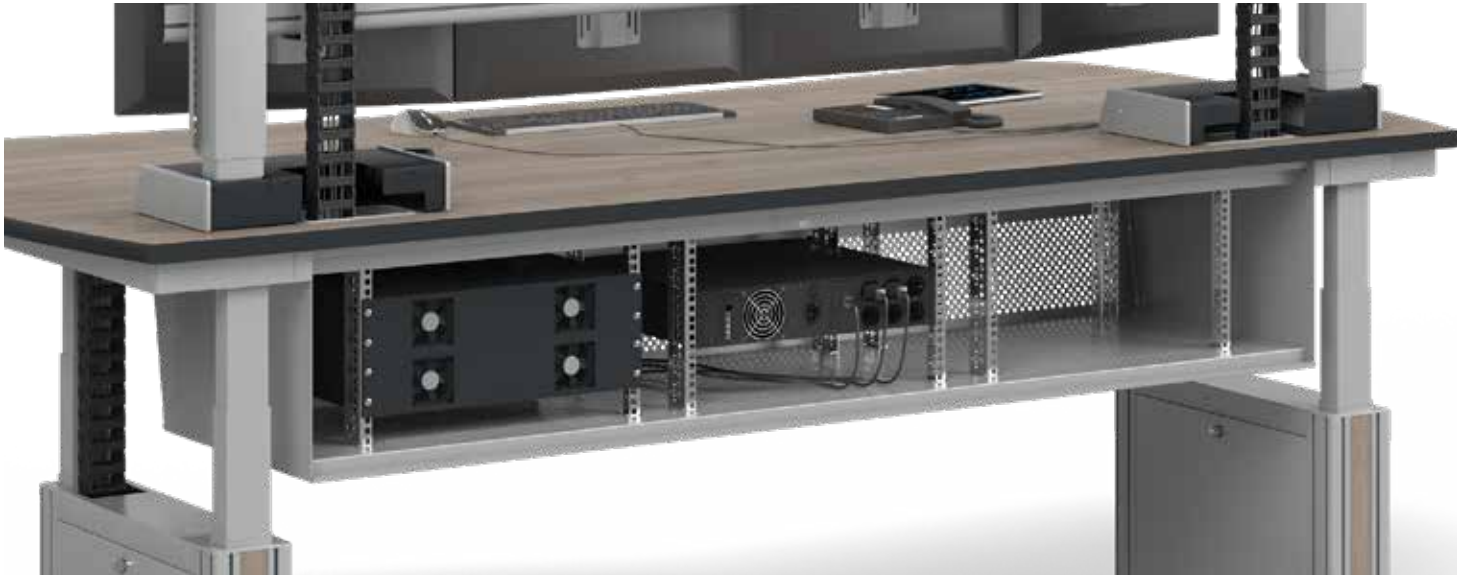
RU = Number of standard height units, 1 RU = 44.45 mm
19" = 482.6 mm, (suited to 19" installation acc. to DIN 41494)
PU = package unit
kg = weight

Conversion: 1 inch = 25.4 mm
1 pound = 453.6 g

Replace 'x' with the last digit of your color choice

19" accessories

Suitable for consoles with KVM-ready technology cabinet in the base!

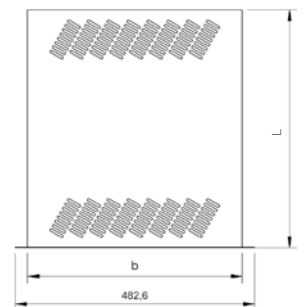
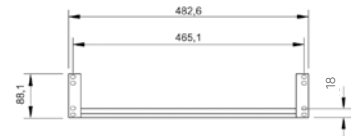


19" shelf, 2 RU fixed

- For mounting in cabinets with fixed 19" installation, frontal
- Simple and fast mounting on 19" profiles
- Also for swivel frame in 19" cabinet and 19" housing
- **Surface/color**
 - Powder-coated structure
 - RAL 7035 Light grey
- **Material**
 - Sheet steel 1.5 mm
- **Load capacity**
 - 20 kg static
- **Scope of supply**
 - 1 shelf, fixed
 - Mounting material
- **How supplied**
 - In sets



MIR00373



MIR00375

| W | H | W x L | Part No. | PU |
|-------|------|-----------|--------------|------|
| 482.6 | 88.1 | 442 x 280 | 01.113.736.1 | 1 pc |
| 482.6 | 88.1 | 442 x 380 | 01.113.737.1 | 1 pc |

19" cable routing plate, 1 RU

- For orderly cable routing.
- **Material/surface**
 - Type 1: Front plate sheet steel 1.5 mm, powder-coated.
- **Color**
 - RAL 7035 Light grey
- **Outer dimensions**
Cable routing:
 - Type 1: 55 x 22 mm, plastic
- **Scope of supply**
 - 1 19" front plate
 - 5 cable routers
- **How supplied**
 - Pre-mounted
- **Note**
 - When ordering, please also order suitable front plate fasteners

| W | RU | Mount depth | Version | Part No. | PU |
|-----|----|-------------|---------|--------------|------|
| 483 | 1 | from 80 mm | Type 1 | 05.040.111.1 | 1 pc |



Cable router ring

- For orderly cable routing
- Dimensions: outer 61 mm x 42.5 mm. Inner 52 mm x 23 mm.
- **Material/surface**
 - Cable holder: PPO, similar to RAL 7035 Light grey.
 - Soft rubber profile: EPDM, similar to RAL 7021 Black grey.
- **Scope of supply**
 - 10 cable routers.
- **How supplied**
 - In sets

| Version | Part No. | PU |
|------------|--------------|-------|
| Insertable | 05.040.112.9 | 10 pc |



Fillister head screw

- IEC DIN 967
- **Scope of supply**
 - 50 fillister head screws, Form Z
- **How supplied**
 - In sets

| W | H | D | Version | Part No. | PU |
|---|---|---|---------|--------------|-------|
| | | | M5 x 10 | 05.041.330.9 | 1 set |
| | | | M5 x 16 | 05.041.331.9 | 1 set |
| | | | M6 x 10 | 05.041.332.9 | 1 set |
| | | | M6 x 16 | 05.041.333.9 | 1 set |



Cage nuts

- Clips into profiles with hole matrix
- **Scope of supply**
 - 50 cage nuts, sheet metal, 1.5mm
- **How supplied**
 - In sets

| Version | Part No. | PU |
|-------------------------|--------------|-------|
| M5: sheet metal, 1.5 mm | 05.041.513.7 | 1 set |
| M6: sheet metal, 1.5 mm | 05.041.514.7 | 1 set |



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