

Knürr Ergocon® Circular

Knürr Ergocon® 90

Knürr Ergocon® 120

Knürr Ergocon® 150

Knürr Ergocon® 180



THE ULTIMATE 24/7 CONSOLE FOR CRITICAL APPLICATIONS

With its four new consoles - Ergocon® 90, Ergocon® 120, Ergocon® 150 and Ergocon® 180 - Knürr offers the latest generation of consoles for demanding 24/7 applications in control rooms and control centres.

The special circular shape always guarantees even viewing distances to the displays and is perfectly adapted to the latest technologies such as large 32:10 widescreen curved monitors.

Multidimensional adjustment options in three axes (tabletop height, monitor height and viewing distance) ensure the best possible ergonomics.

There are solutions for individual areas of application and perfect integration of equipment through an extensive selection of console models.

In combination with Knürr Ergocontrol, individual adjustment per user is offered. This free-seating concept guarantees efficient workplace ergonomics.

With their many years of experience in the field of mission-critical control centre equipment, Knürr workstation experts design perfectly adapted BOS workstations for fire brigades, rescue services, disaster control, civil defence, police as well as for private security centres.



Knürr Ergocon® 90

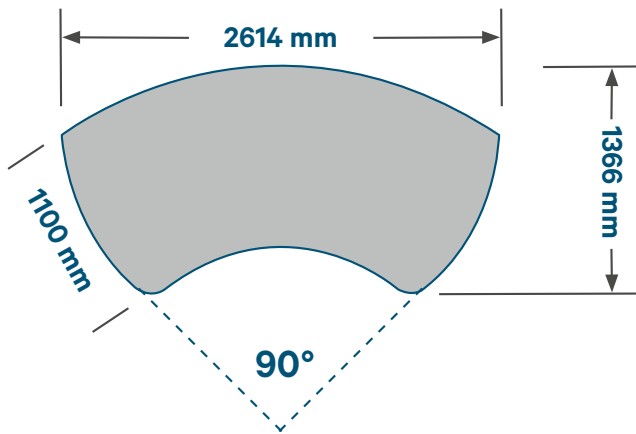


Dicon integration

- Individually equipable power and data modules for easy connection of IT equipment such as keyboard, mouse, telephone, touch monitor, ...

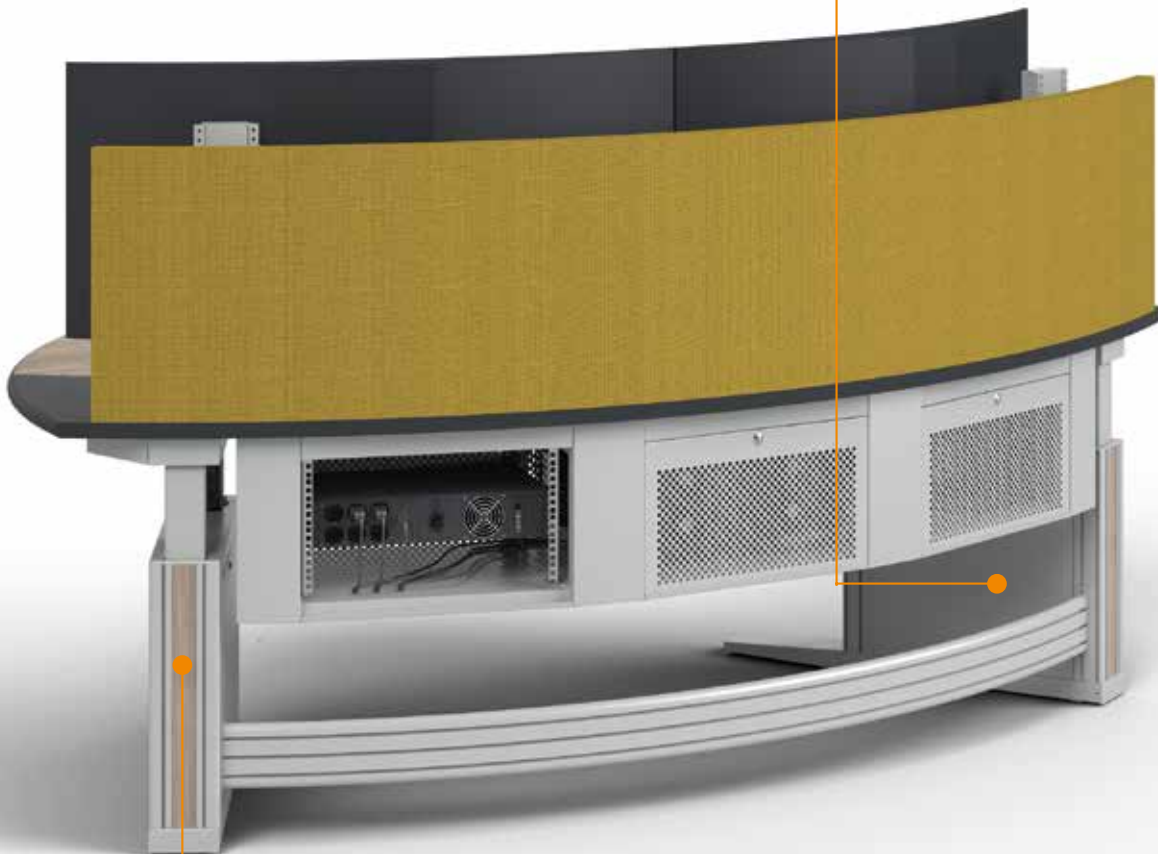
High quality table tops

- Extremely resistant HPL coating, always in a noble 2-colour finish. In the rear area, it is perfectly matched to the displays with a dark decor.
- With continuous or offset worktop.
- Framed by the ergonomic and robust Knürr ErgoSoft edge.



Compliant with standards

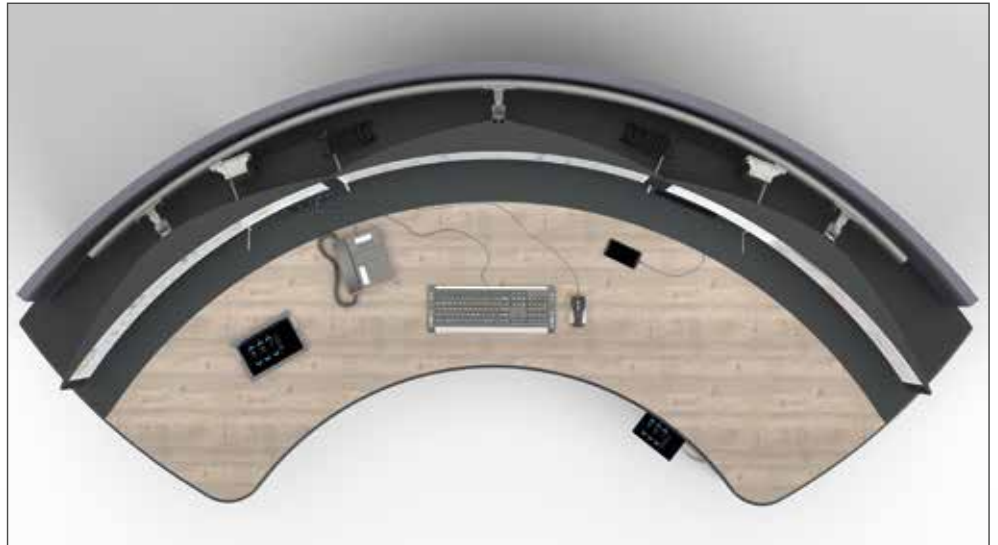
- DIN EN ISO 11064: Ergonomic design of control centres.
- DIN EN 527 defines workstation types with minimum specifications for the adjustment range: Type A: min. 650 to 1,250 mm



Stability and design

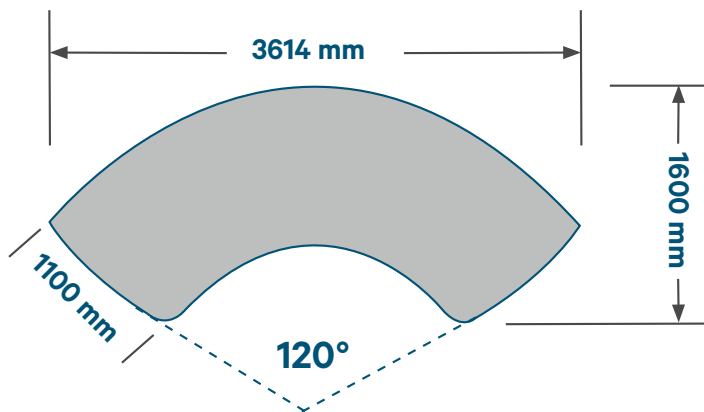
Sturdy C-foot frame for maximum legroom.
Optional design strips in the extruded aluminium profile for colour individualisation.

Knürr Ergocon® 120



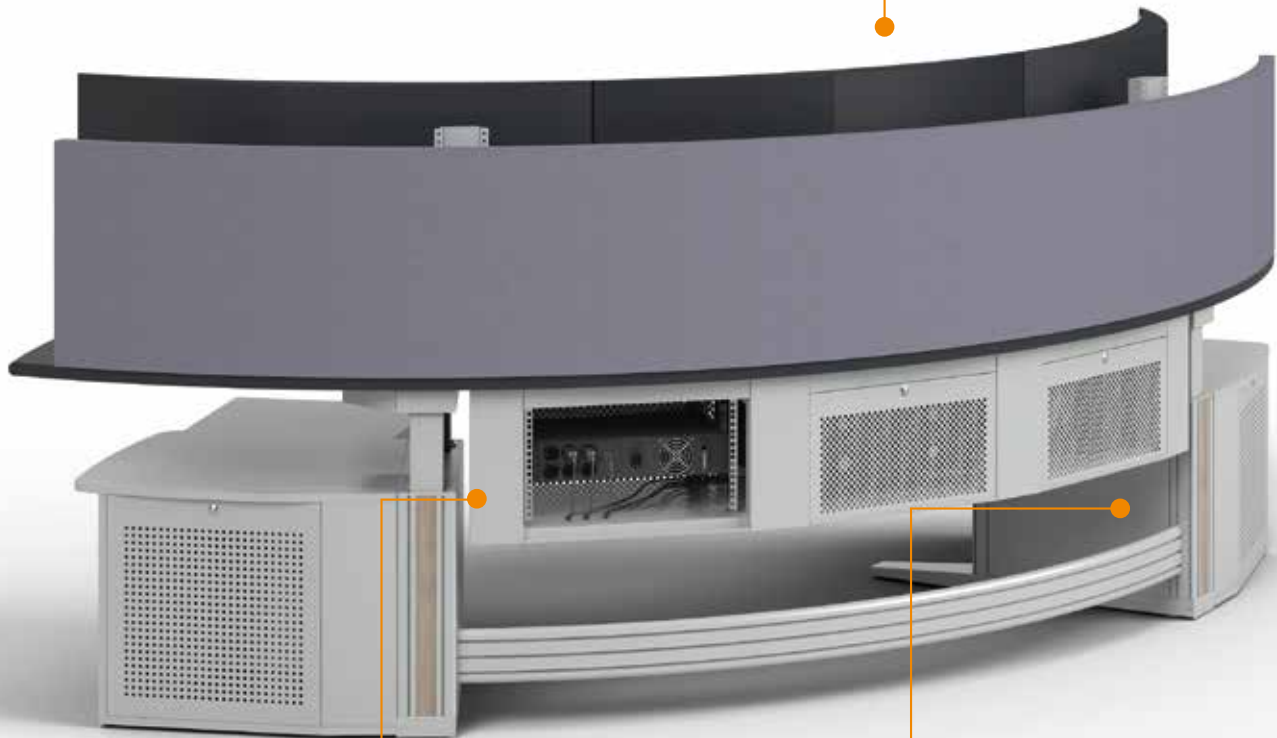
Individually expandable with technical containers

The facility can optionally be supplemented on both sides with 19-inch technology containers. In addition, an office container with a personal docking station (shown on the right side) can be added.



Secure monitor connection

Maximum flexibility with 1-level and 2-level monitor rails, optionally height and depth adjustable by electric motor.



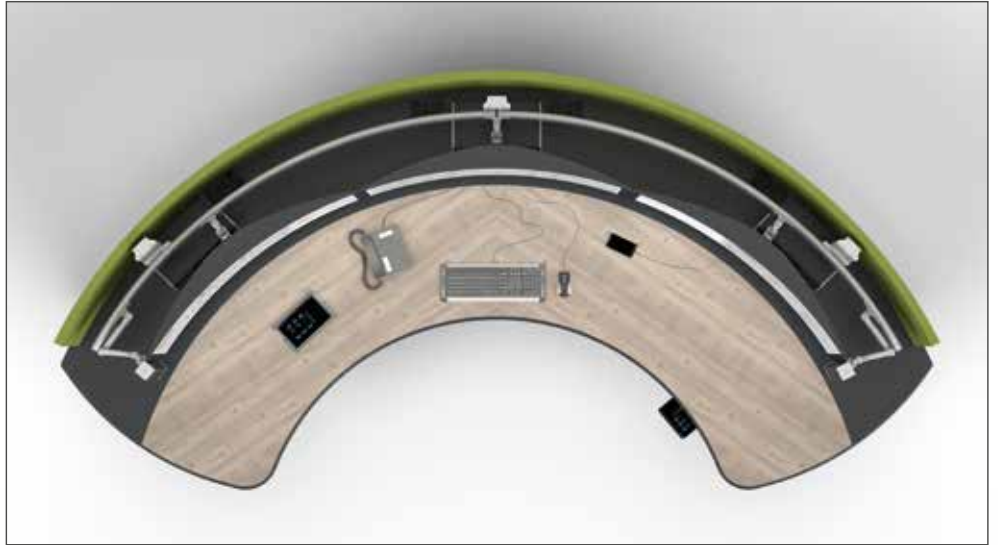
Integrated passive Ventilation concept

Guarantees maximum Failure safety of the IT components.

Intelligent cable routing

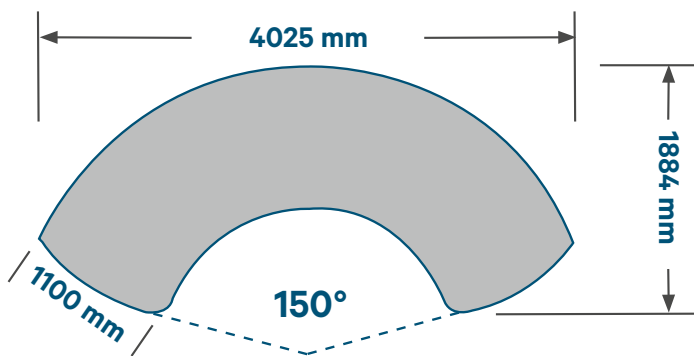
Spacious and concealed vertical cable routing in the side panel, accessible from inside and outside.

Knürr Ergocon® 150



Everything in view

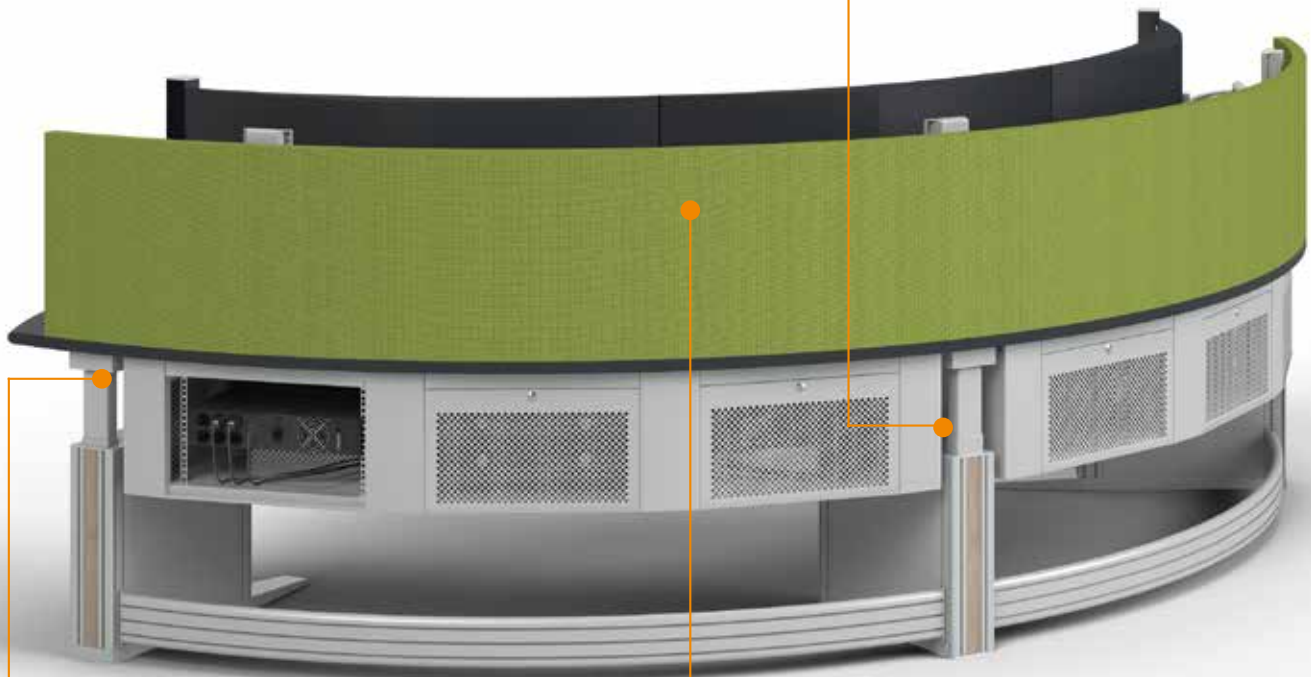
In the special circular design of the console, constant viewing distances to the displays are guaranteed, which makes working even more comfortable.



Modular Console system

We offer highly individual solutions that are specially adapted to your needs. Our circular Knürr Ergocon® consoles are available in four different sizes:

- Ergocon® 90
- Ergocon® 120
- Ergocon® 150
- Ergocon® 180



Comfortable height adjustment

The height adjustment of the working and monitor level is particularly easy to handle thanks to the standard memory function. In addition, the Knürr depth adjustment offers the possibility of individually adjusting the viewing distance.

Acoustics

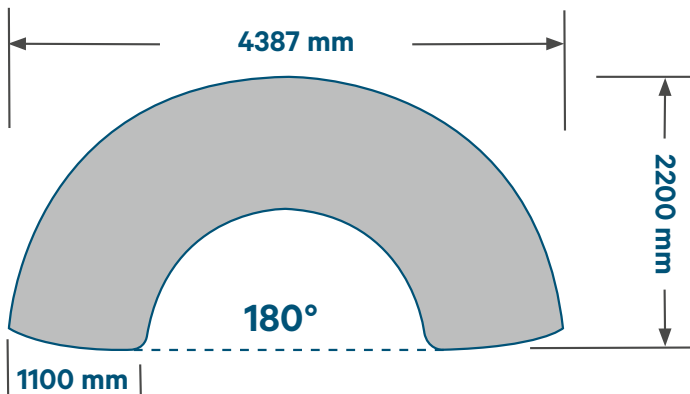
Suitable acoustic packages are available for each size of Ergocon system, which elegantly cover the rear behind the monitors and allow quick access to the technology when needed. These packages offer high acoustic efficiency and thus ensure safe and concentrated operation in the control room as well as in the control centre.

Knürr Ergocon® 180



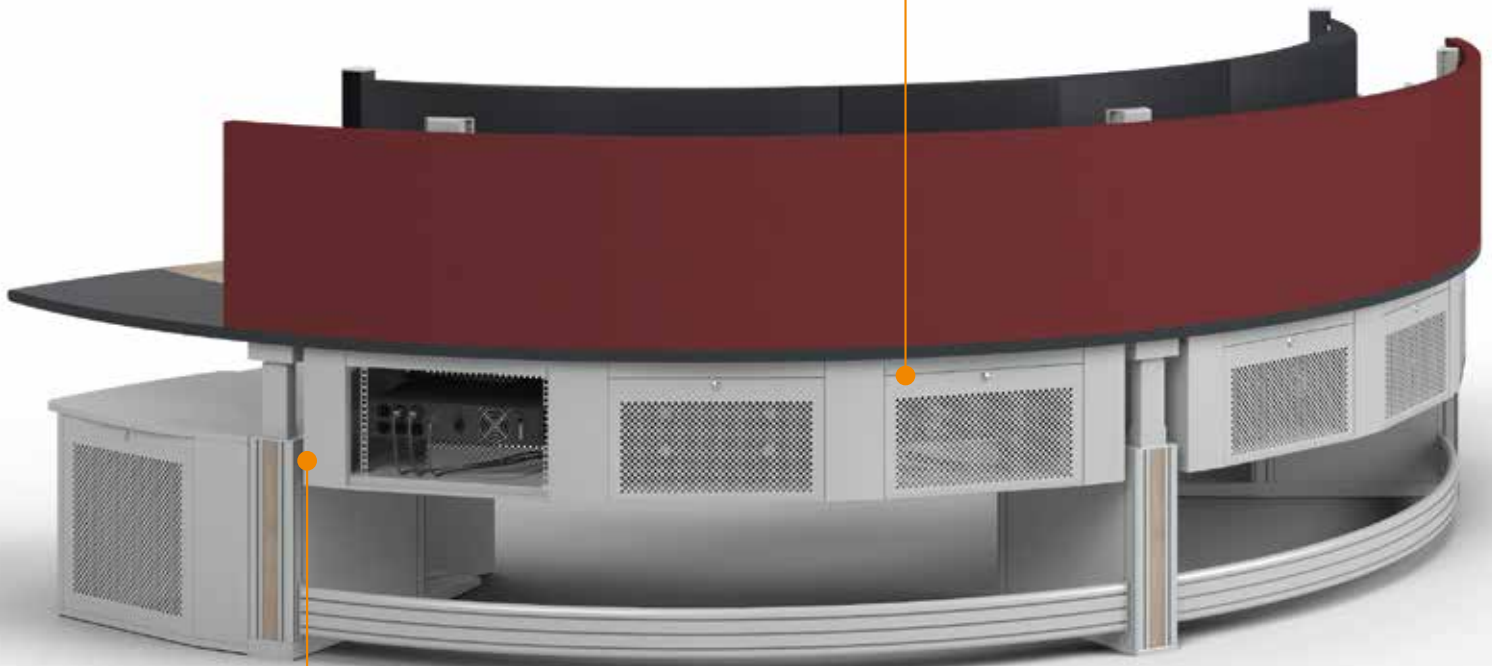
Maximum stability

The circular Knürr Ergocon® system with the „rounded aluminium mould technology“ ensures maximum stability and at the same time has a slim and elegant design. and elegant design.



Modern colour design

The modern colour design of the Knürr Ergocon® consoles includes a base frame in the colour RAL 9006, white aluminium. The table tops are available in various decors, while optional design strips on the side panels provide additional stylish accents.



KVM-ready technology substructure

The technology substructure is KVM-capable and offers an installation space of up to 6x6U 19" for the Ergocon 150 and 180 models. This enables perfect integration of KVM switches, SFF PCs, power distributors, cable management systems and many other accessories.

Knürr Ergocon® 90
Knürr Ergocon® 120
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Knürr Ergocon® 180

Configurator



The number of possibilities is simply convincing!

With the help of the configurable item number, you have access to over 330 variations to create an individual configuration. In addition, you can flexibly expand each console by using accessory modules.

You have the possibility to customise the perfect console for your requirements. With KVM-ready function and additional 19"

technology containers, table tops are available in a continuous or remote design. Furthermore, you can opt for different monitor levels, up to the 2-row monitor level with depth adjustment and equipped Dicon modules.

With the help of the **Knürr Ergocon® configuration table**, you can put together your own individual console.

Part no.:

04.500.



Base widths	Tabletop shape	Monitor level	Color
M = Knürr Ergocon® 90 KVM-Ready	2 = Curved	0 = without	A = RAL 7035
N = Knürr Ergocon® 120 KVM-Ready	3 = Curved, bi-level	1 = H-Fix single-level	B = Nelson Oak
O = Knürr Ergocon® 150 KVM-Ready		2 = H-Fix two-level	C = Pine Black
P = Knürr Ergocon® 180 KVM-Ready		3 = H-A single-level	D = Nano Bronzo Doha
		4 = H-A two-level	E = Beech
		5 = H/D-A single-level	F = Maple
		6 = H/D-A two-level	

Sample configuration (see image, left):

Worktop angle: 120°, KVM ready, technology substructure

Tabletop: curved, single-level

Monitor level: height/depth-adjustable, single-level

Tabletop color: RAL7035, Light grey



Base widths	Tabletop shape	Monitor level	Color
N	2	5	B



Configuration number:

04.500.N25.B

Accessories

Knürr Ergocon® 90

Knürr Ergocon® 120

Knürr Ergocon® 150

Knürr Ergocon® 180

Office container

19" Container

Acoustic walls / Acoustic package

Office container

- Specially designed for installation in front of the 19" container
- Open at the rear with connecting elements
- Narrow top drawer (120mm) with preparation for insert tray / docking compartment
- Large drawer at the bottom (360mm) with cup holders for 2 1.5L PET bottles
- Softclose function
- **Dimensions**
 - Width: 510mm
 - Height: 540mm
 - Depth: 450mm
- **Material / Surface**
 - Carcase and top panel: Three-layer particle board FP/Y E1 version, fire protection class B2, directly coated RAL9006 white aluminium
 - Drawer tray: lacquered sheet steel
- **Technical data**
 - Drawer fronts in wood finish and matching decorative colour (to choice)
 - Segment arch handles: Metal



Office container front

W	H	D	Version	Order-no.	UP
x	x	x	Pedestal Nelson Oak	04.501.095.B	1 unit
x	x	x	Pedestal Pine Black	04.501.095.C	1 unit
x	x	x	Pedestal Buche	04.501.095.E	1 unit
x	x	x	Pedestal Ahorn	04.501.095.F	1 unit
x	x	x	Pedestal RAL9006 White aluminium	04.501.095.H	1 unit
x	x	x	Insert tray / docking compartment	04.508.395.7	1 unit



19" container back

19" Container

- 19" container for side mounting on the Knürr Ergocon® side panel
 - Removable perforated rear panel at the front and rear with push-lock (optionally also lockable)
 - 2 19" installation frames for horizontal and vertical 19" mounting
 - Insertion depth max. 515mm, adjustable in 25mm increments
- **Material / Surface**
 - Carcase and top panel: three-layer particle board FP/Y E1 version, fire protection class B2, directly coated, sheet steel powder-coated, RAL9006 white aluminium
 - **Dimensions**
 - Width: 750mm
 - Height: 540mm
 - Depth: 640mm
 - **Supply schedule**
 - 1 19" container
 - 2 19" levels for cage nut mounting



19" container front

Version	Order-no.	UP
19" Container - links	04.501.093.7	1 unit
19" Container - rechts	04.501.094.7	1 unit

Acoustic walls / acoustic package

- Sound-absorbing acoustic walls
 - Ultra-light design
 - Wall thickness 10 mm
 - No chemicals (flame retardants, etc.) contained according to DIBt criteria
- **Colour**
 - Dark grey grey
 - (Other colours available on request)
- **Sound absorption coefficient according to DIN EN ISO 354 in the frequencies**
 - 125 Hz as 0,4
 - 250 Hz as 0,18
 - 500 Hz as 0,53
 - 1000 Hz as 0,81
 - 2000 Hz as 0,86
 - 4000 Hz as 0,85
 - **Dimensions per module**
 - Width: 1200mm
 - Height: 600mm
 - **Supply schedule**
 - 1 set consisting of acoustic walls and holders (see number of modules)



Acoustic walls / acoustic package

Version	Modules	Order-no.	UP
Acoustic package Ergocon 90	2 Modules	04.303.750.9	1 unit
Acoustic package Ergocon 120	3 Modules	04.303.751.9	1 unit
Acoustic package Ergocon 150	4 Modules	04.303.752.9	1 unit
Acoustic package Ergocon 180	5 Modules	04.303.753.9	1 unit

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)
UP = Unit of packaging
kg = weight

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

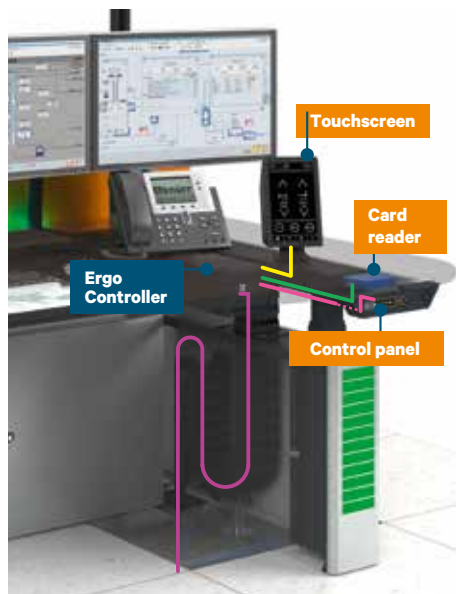
Replace 'x' with the last digit of your color choice

Knürr Ergocontrol

Intelligent control for workstations in control rooms!



Advantages

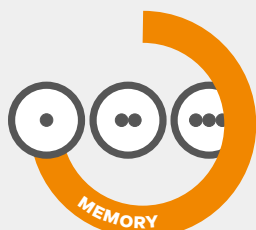


Ergonomics as a factor in productivity and wellbeing – easy to handle and comfortable to use.

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**

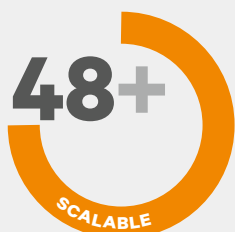
Main features



Up to three presets



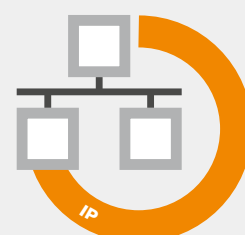
Omnocard Reader



Up to 48 consoles
per group



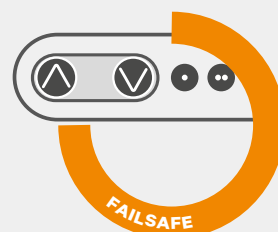
Upgradable



Single workstation
or network



Open interfaces for
building technology



Parallel tried-and-tested
standard controller



Accessories

Flat display mount, decorative panels, and integrated technology

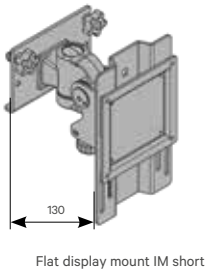


Flat display mount

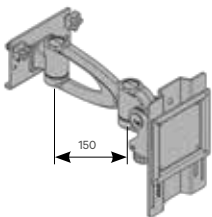
- Flat display mount for displays with VESA mount, 100 mm
 - With integrated cable duct
 - For mounting on Knürr IM function rail
 - Integrated quick-mount system
- **Material / Surface Type D-G**
 - Swivel arms: Die-cast aluminum, powdered RAL 9006 White aluminium
 - Adapter: Sheet steel powdered smooth,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



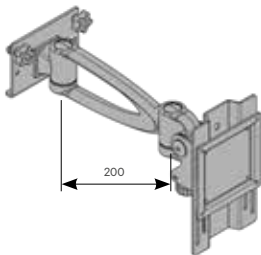
Version	Height compensation plate	Load capacity	Order-no.	UP
Type IM short (130 mm)	•	15 kg	04.501.010.7	1 unit
Type IM medium (130+150 mm)	•	15 kg	04.501.011.7	1 unit
Type IM long (130+200 mm)	•	15 kg	04.501.012.7	1 unit
Type IM double (130+200+150 mm)	•	15 kg	04.501.013.7	1 unit



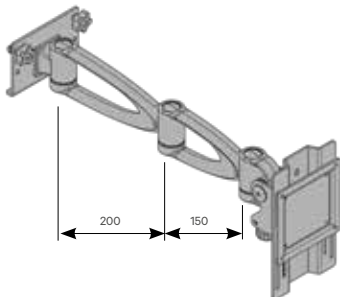
Flat display mount IM short



Flat display mount IM medium



Flat display mount IM long



Flat display mount IM double

Decorative panels

- For customized design of Ergocon aluminum profiles

- Supply schedule**
 - 1 decorative panel

Version	Order-no.	UP
RAL7035, Light grey	04.501.004.A	1 unit
Nelson oak wood pattern	04.501.004.B	1 unit
Pine black wood pattern	04.501.004.C	1 unit
Nano bronzo doha	04.501.004.D	1 unit
Beech wood pattern	04.501.004.E	1 unit
Maple wood pattern	04.501.004.F	1 unit
RAL7021, Black grey	04.501.004.G	1 unit



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)
 UP = Unit of packaging
 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)
- **Supply schedule**
 - 1 power outlet strip
 - 2 fastening brackets

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



4x unit Schuko



4x unit French (UTE)



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

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

- **Note**

- Please find further Knürr Dicon versions for worktop integration on page 264.

L	Order-no.	UP
2.0 m	04.000.040.0	1 unit
5.0 m	04.000.041.0	1 unit



DOS00467

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

- **Supply schedule**

- 1x mounting bracket with fasteners

- **How supplied**

- In sets

- **Note**

- Please order the accompanying Keystone elements separately.

Version	Order-no.	UP
Data transfer point	04.501.035.7	1 unit
Keystone module RJ45 Cat.6A	03.322.059.1	1 unit



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

- **Supply schedule**

- 1x support bracket with fasteners

- **How supplied**

- In sets

- **Note**

- Please order power distribution units separately.

Version	Order-no.	UP
Support bracket	04.501.036.7	1 unit



Dimensions in mm: W = width
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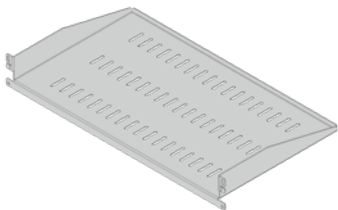
19" accessories

Suitable for consoles with KVM-ready technology cabinet!



19" shelf, 1RU

- For mounting in the 19" KVM Ready technology substructure or also in the installation module
- Mounting material included
- **Material**
 - Sheet steel 1.5 mm
- **Load capacity**
 - 20 kg static
- **Supply schedule**
 - 1 shelf
 - Mounting material



W	H	W x L	Order-no.	UP
482.6	50	442 x 260	04.501.038.0	1 unit

19" shelf, 2 RU

- 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
- **Supply schedule**
 - 1 shelf, fixed
 - Mounting material
- **How supplied**
 - In sets



MIR00373

W	H	W x L	Order-no.	UP
482.6	88.1	442 x 280	01.102.731.1.001	1 unit
482.6	88.1	442 x 380	01.102.731.1.002	1 unit

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
- **Supply schedule**
 - 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	Order-no.	UP
483	1	from 80 mm	Type 1	05.040.111.1	1 unit



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.
- **Supply schedule**
 - 10 cable routers.
- **How supplied**
 - In sets

Version	Order-no.	UP
Insertable	05.040.112.9	10 units



Fillister head screw

- IEC DIN 967
- **Supply schedule**
 - 50 fillister head screws, Form Z
- **How supplied**
 - In sets

W	H	D	Version	Order-no.	UP
			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
- **Supply schedule**
 - 50 cage nuts, sheet metal, 1.5mm
- **How supplied**
 - In sets

Version	Order-no.	UP
M5: sheet metal, 1.5 mm	05.041.513.7	1 set
M6: sheet metal, 1.5 mm	05.041.514.7	1 set

