

VertiGO

Electrical workplaces



A person is shown in profile, wearing glasses and a dark shirt, working at a workstation. They are holding a small circuit board with a probe. In the background, a digital oscilloscope is visible on a desk. The entire image is overlaid with a semi-transparent red filter. The text "New dimesion? Time for VertiGo!" is centered in white.

New dimesion?
Time for VertiGo!



Dear friends,

The catalog of VertiGo workplaces is now in your hands.

VertiGo workplaces are an excellent example of the cooperation of our technicians with our customers. The impetus for his work gave us one of our large multinational customers. Of course, the individual construction details, the distribution of the idea and the connection to our other products, especially the VarioLab + system, are the work of our technicians, but the main request was made by the customer, to whom we finally equipped our plant with a total of 43 VertiGo workplaces. And why am I talking about this, don't I just pretend to VertiGo? It is on the example of VertiGo workplaces that I want to show how important the connection between us and our customers is for us. I want to show that any creation of anything without

the opinions and requirements of users from practice would be just our idea of what users really need for their work. Users are the bearers of ideas for us, which we cannot do without. Yes, the invaluable experience and opinions of our users based on real practice are essential for us. From real practice, not just from ideas. It is essential to create a product that has its value. Not only today, but tomorrow, the day after tomorrow ... We are sure of what we are doing. But in order to do our job well, we need the opinions of our customers, who push the limits higher and higher. We have been thinking for a long time about the title we will give to a new product. We were still thinking of the idea that the name would reflect the main feature of VertiGo workplaces, namely the vertical "Verti" placement of the devices on the table leg and that all

the installation goes through "Go" through this leg. But we were confronted with the fact that vertigo in the medical sense means dizziness. However, dizziness can be intoxicating, but VertiGo is firmly on his feet and his ergonomics are intoxicating.

I would like to thank you, all our customers, who, with their ideas and suggestions, contribute to the creation of such exceptional solutions as VertiGo undoubtedly is.

Miroslav Bulka
CEO of Diametral Plc.

VertiGO represents

Workspace

One of the main parameters of the workplace is sufficient working space. This task can be understood in various ways. VertiGo solves this task by placing all the equipment needed to work in the back leg of the workplace. This creates a large work area that can be used to perfectly manage your work tasks.

Workplace without limits!

Connectivity

Whether you need to have single-phase or three-phase voltage, you still have it available. A sufficient number of sockets guarantees that your projects will always be powered. The workplace can be equipped with low voltage terminals, data sockets, USB hubs, compressed air outlet. However, this does not exhaust all possibilities. Using compatible VarioLab+ attachments with the device, a highly sophisticated workplace without limits can be created.

Perfect connectivity - that's VertiGo!

Ergonomics

The devices installed in the rear legs of the workplace are arranged to suit the frequency of their use as much as possible. The controls are located at the level of the seated person's shoulders. Immediately above the table top are designed sockets, which are assumed to be connected with a thicker cable, while sockets and connection points for smaller conductor cross-sections are installed in the upper part of the leg. The securing elements are installed below the level of the worktop.

Ergonomics for your comfort!

Partnership

The concept of VertiGo workplaces is built on the basis of our many years of experience with the construction of ergonomic workplaces and is closely connected with the requirements of professionals. With their ideas, they contribute to the evolution of VertiGo workplaces. Every current and future user brings us new and new ideas for improvement. We do not understand the user only as a customer, but it is a necessary inspiration for us when designing VertiGo workplaces. This partnership with our customers creates a perfect product with high utility value.

Inspired by VertiGo!

More space for your tasks

This revolutionary workplace reflects all the experience gained in creating functional VarioLab + workplaces. The high-quality, universal, flexible and detailed concept of VertiGo workplaces combines simplicity and user benefit. The vertical mounting of the devices in the rear legs enables an unprecedented organization of the workspace. What's more, other devices can be housed in VarioLab + instrument bodies, which are fully compatible with the VertiGo system.

Easy operation, performance in use and a modern look represent great utility value for users. You no longer have to settle for a regular table. VertiGo technical workplaces make daily work easier, so users can implement their own ideas.

How characteristic of Diametral products.



Safety? Primarily!

An important parameter of all workplaces is their safety and work safety at them. This factor should never be overlooked. For this reason, all VertiGo workstations are always equipped with a central safety module. It contains all the important elements of protection against electric shock and overload. And what's more. The safety module includes an audible notification function to switch the whole table on and off. This pushes the boundaries of security to the next level. The workplace can be equipped with a beacon, which informs the surroundings about the ongoing work at the workplace. This important safety feature is installed based on the nature of the work performed.



The central protection module contains an audible signaling of switching on and off, circuit breaker, protector, TOTALSTOP button, indicator light.



Yellow backlit TOTAL STOP improves operator orientation in critical situations.



Signaling beacon for informing the surroundings about the operational status of the workplace.



Control safety key to prevent unauthorized operation of the workplace.

Top ergonomics

Everything within reach! This is one of the main parameters that VertiGO workplaces represent. The correct height of the worktop, easily accessible equipment and power terminals take into account all the principles of modern occupational hygiene. Ergonomics of workplaces VertiGo is based on the own practice of direct users. The activity itself at VertiGO workplaces is highly productive and comfortable.



An ergonomically designed workplace creates conditions without a disproportionate burden on the worker. Workplace parameters such as distances, heights and angles must correspond to the user's anthropological characteristics. This implies a clear requirement. It adapts the workplace to the person, not the person to the workplace. This state can be achieved by technically advanced equipment, which with its ergonomics improves human health, safety, performance and well-being at work.



VERTIGO



Perfect lighting of the work surface. Adjustable light brightness with LED technology. Economical and reliable.

Maximum workspace for your projects.



Choice of many worktops. Always for the purpose.



Power wires and other media are hidden in the legs of the table.



Modules can also be installed in the lower part of the legs.

Large shelf area for placing your top measuring equipment.



Adjustable feet for leveling the floor.



Beacon for distinguishing workplace conditions. Significant safety for the environment.



Yellow backlit TOTAL STOP button. Control for one workplace, or entire workshops.



All wires for powering your projects can be stored in the rear channel. Perfect order on the desktop.

Construction

Quality workmanship and top design represent the highest technological level of your VertiGo workplaces. It is designed as an open modular system that fully respects the requirements of today and can also be developed according to the requirements of the future. The robust and stable construction meets the high demands on the load-bearing capacity of the entire table. Made of steel elements, thanks to which VertiGo workplaces are ready for loads up to 300 kg. Each VertiGo workplace is already equipped with an integrated shelf with a load capacity of 90 kg. The shelf beam is adapted to carry electrical conductors and other media. The construction of VertiGo workplaces is designed for the possible replacement of an integrated shelf with a tilting shelf or with an instrument superstructure of the VarioLab + system. This will give you more than enough space for other necessary devices.



The entire supporting structure of the table is made of high-quality steel, ensuring a robust and solid table. The construction is powder coated.



Worktops and shelves can be made of antistatic material.



The tilting shelf allows you to adjust the tilt of the placed devices to an ergonomic angle.



The tilting shelf is equipped with a stop to prevent the devices from falling.



The individual modules can be removed by simply loosening the four screws.



Sophisticated devices can be placed in the instrument superstructure of the **VarioLab+** system.

Devices

Work table - it's not just a place to store tools. It is necessary to measure, power, count, control. For these purposes, a wide range of devices is available both for installation in the legs of the table and in the instrument body. The set of devices is constantly evolving with new and new items. Electrical and electronic devices are suitably supplemented with pneumatic devices. Your projects are supported by VertiGo.



Compressed air outlet with manometer and tap.



Socket 3x400V/16A. Eventual protection can be performed by any of a wide range of protection modules.



Micro soldering iron 80 ÷ 450 ° C / 35 W with easy-to-read LED display.



Isolating transformer 230 V / 1.2 A for powering external measuring technology.



Group of five 1-phase sockets 230 V / 16 A. Possible protection can be performed by one of the wide range of protection modules.



Perfect in detail

The detail forms a whole. The motto that Diametral designers follow when designing a new product. Only a last elaborate product can bring you the real benefit. All parts of Vertigo workplaces are therefore carefully designed and subsequently assessed by experienced technicians. In this way, each part of the Vertigo workplace moves the boundaries of utility properties.



All cable and hose outlets are fitted with a protective brush or fitted with a plastic grommet.



The outlet for the cables of the devices placed on the shelf is also made in the upper part of the instrument leg. The outlet is also equipped with a protective brush.



A computer monitor or measuring device can be mounted on a holder, which ensures continuous positioning as needed.



The cable duct can be equipped with 230 V sockets in the back of the table.

VertiGO

In every detail, VertiGO also respects other requirements for integration into the workspace. By combining VertiGO workplaces into complete assemblies, a solid, robust and uniform surface is achieved, which can be used, for example, for series production. The color design of VertiGO workplaces can be matched according to customer requirements or the color design of the building. It is thus possible to manifest the individuality of each customer. Management of connected cables, computer holders and other construction details help to easily clean the workplace. VertiGO is a real helper for professionals!



Individual workplaces can be easily combined into complete assemblies.



gray 7035

blue 5023

red 3002

yellow 1023

green 6029

graphite 9011



VertiGo workstations can be made in six color shades.

The computer holder protects the computer's connected cables from damage during cleaning.

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This catalog does not represent all the possibilities of the VertiGo system. Contact your sales representative for more information.

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