

For More Information: 866-333-0728

TRESTON

DEDICATED TO HUMAN WORKSPACE



ERGONOMIC WORKSPACES

PRODUCT CATALOG

For a Better Work Environment

DEDICATED TO

HUMAN WORKSPACE

Treston is among the world's leading suppliers of industrial furniture and workstations.

Our workstation design and implementation process always begins with the person performing the work. In this way, we pay close attention to ergonomics, functionality and efficiency.

The four cornerstones of our operations are customer-focus, reliability, high quality and continuity. We listen to your needs and reliably deliver high-quality and durable solutions, which last from one generation to the next, thanks to our optimal design.

Our own sales network and distributors dedicated to our products provide worldwide assistance and service in support of Treston products.



Industrial furniture and workstations for different working environments

Treston's product range is divided into three categories, a separate catalog is available for each category. Please contact a Treston representative or email us at: infousa@treston.com to get your own copy.

Distinctive workshops

Our workshop drawer cabinets, tool panels and workbenches are designed to withstand heavy loads and strenuous use in workshops, repair shops and industrial environments.

The long lifetime of our furniture guarantees productivity and a satisfied user. Our workshop furniture is also well known in teaching environments.

Ergonomic workstations

The seamless efficiency of material flow is emphasized in assembly workstations.

Process changes in production or operations require reconfigurable workstations that take into account an individual's ergonomic requirements. Our modular product solutions allow you to react to new situations and the resulting needs in an agile manner, enabling smooth, continuous operations. Thanks to our extensive selection of accessories, we are able to satisfy even the most challenging requirements.

Treston design and years of experience enable us to customize each solution to best suit its purpose. For the needs of the electronics industry, we make ESD-protected workstations, suitable for furnishing EPAs. These workstations are also highly suitable for precision mechanics and mechanical engineering.

Swift in-house logistics

Treston storage furniture encompasses both ease of use and design. Our selection provides solutions to a broad range of storage challenges, regardless of the users and sector.

Our plastic storage drawers are durable and easy to clean, and can be customized into a complete storage system if necessary. Our product range also includes various stand and cart solutions, for the more efficient use of storage space and easier movement of stored goods.

We also have storage products for environments that require ESD protection. In addition, some of our storage solutions are molded from recycled plastic.

Packaging and shipping departments are often found at the end of production processes. Their logistic efficiency can be easily improved through sensible workstation design.

A great deal of manual labor and quality assurance is typical of the packaging stage, in both individual stations and line solutions. Our solution for the needs of these segments often builds on the idea of "more for less".

When accessories are located and positioned according to LEAN principles, you can significantly speed up throughput and reduce work strain. Cutters, pens, knives, trash bins and displays can be positioned in a way that provides the user with the best possible ergonomics, while also ensuring a free and uncluttered workspace.



Ergonomics in our workstations

Costs associated with health and safety problems are an ever increasing concern to all industries. This concern drives industries to seek solutions to provide a healthy, safe and productive working environment. **Designing a workplace with ergonomics in mind improves the employees' wellbeing which in turn improves productivity.**

The modular design of Treston workstations enables proper ergonomics. With a wide range of accessories and adjustments we can provide customers with a customized solution using standard components. **Modularity and accessories are individually adjustable according to the task and operator requirements.** The aim is to

create an uncluttered workstation and utilize the available workspace as efficiently as possible.

Treston's workstations and accessories can be adjusted for operators of different heights working with left or right hand. Correctly adjusted workstations decrease stress in the muscles and enable productive work throughout the shift.

Proper ergonomic design is more than just correct posture. Real ergonomic design has to do with proper lighting, noise absorption, body movements and air quality. More information about lighting ergonomics on page 45.

FREE EBOOK: Increasing productivity with proper ergonomics

This informational e-book will help you to become better educated on ergonomics and its relationship with industrial workstations. You'll learn how ergonomic environments have a direct influence on employee well-being, the reduction of time and waste, and ultimately, greater productivity.



Location of the correct view angle

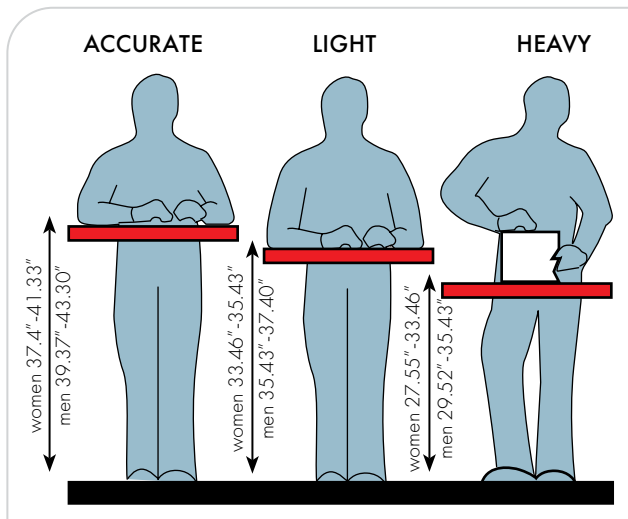
Focus point should follow these guidelines:

- Continual movement of view should be in 30 degree sector
- Continuous view angle should keep the head in a comfortable position (line of view should be 10 to 40 degrees below the horizontal line)
- Displays should be positioned 20 degrees below the horizontal line

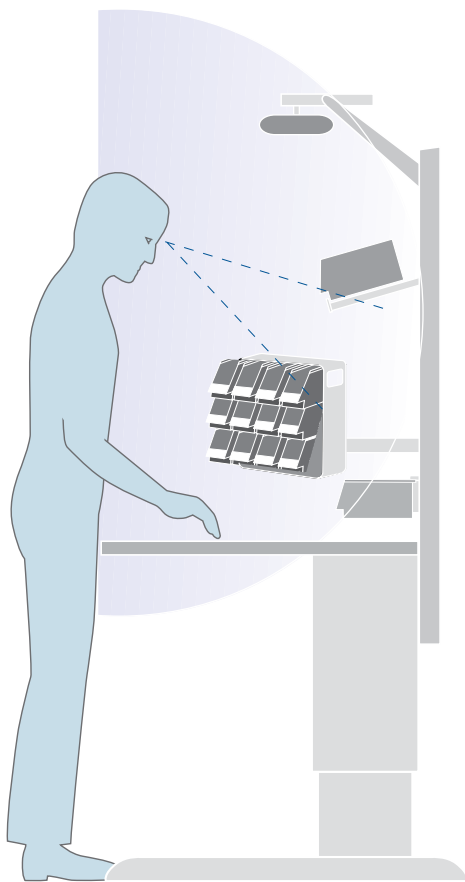
Seated or standup work?

The choice of a seated or standing working position is dependent upon the task to be executed. The height of the work surface is determined by such factors as size and weight of the part, precision requirement, assembly process, repetitiveness etc.

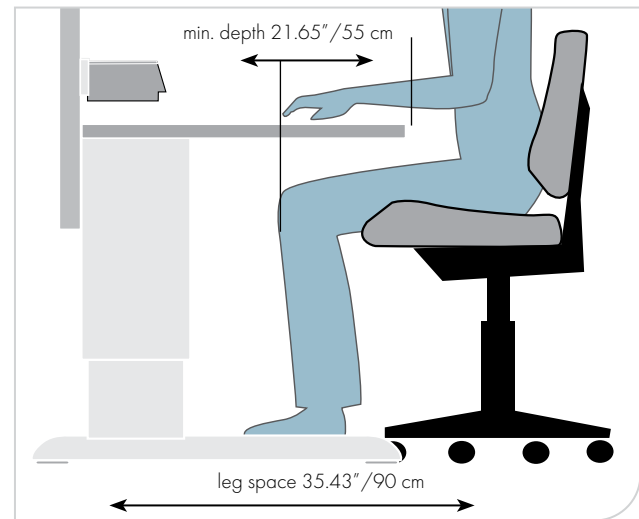
Height adjustability is especially useful when the size of the products being handled varies or when several people use the same workstation.



Standing work



When designing a work space for a seated operation, leg space requirements must be considered. The recommended space should be at least 31.5" wide and 35.5" deep at floor level. For standing work, the required space is much less.

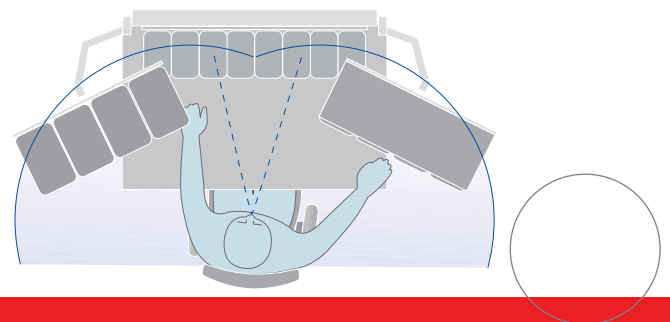


Seated work

Reaching distances and heights

To improve working postures in assembly work, the most-often used parts should be placed into the optimal horizontal working area within the operator's sight. Avoid overly large or deep workbenches, which can cause improper reach and reduced productivity. Assembly work is most ergonomic when parts are within easy view and reach.

The vertical work area and reach zone can be fine-tuned with accessories. Our height adjustable arms optimize work movements and keep parts or tools within easy access. Operators can work with wrists and arms in optimal posture with shoulders relaxed. Tilted bin rails and shelves keep the wrist in a neutral position when picking parts. The tilt angle also provides easy identification of the parts with the proper viewing angle.



Our standards comply with the highest certification requirements



Quality certification

ISO 9001 : 2008

Environmental Management System certification

ISO 14001 : 2004
+ Cor 1 : 2009

Packaging treatment following to EU directives.

ESD-approval certification

Our ESD products fulfill the basic requirements of IEC 61340-5-1.

GS certification for lighting and TP workbench



Russian certificate of conformity

Russian certificate of conformity

Cleanroom Suitability of Treston Concept and WB Motorized Workstations

ISO 14644-1, class 7

Cleanroom Suitability of Chair Treston Ergo C20PU-ESD

ISO 14644-1, class 7

ESD certification

Treston WB and Concept workstations fulfill the basic requirements of IEC 61340-5-1

To obtain a copy of our certificates, please contact infousa@treston.com.



The guarantee period for products manufactured by Treston is 5 years from the date of delivery; this excludes workbench tops, trade parts, electronic components, custom made articles and moving parts, for which there is a guarantee period of 2 years.





Cornerstone® workbenches

Cornerstone® worktables are standard tables that are suitable for a broad range of tasks, including but not limited to: testing, packing, repairing, inspecting. The Cornerstone® table is rated for regular use with weights up to 2000 Lbs. This degree of strength is achieved by using a solid table structure. The slotted upright frame allows for the use of different accessories.

Manual height adjustment

The height of our Cornerstone® range can be adjusted from 24.75 to 37.64 inches, in 1 inch increments, making these tables suitable for work while sitting or standing.

- = products in stock with quick shipping time (1-2 weeks)
- = products that are not stocked but have shorter delivery times (3-4 weeks)

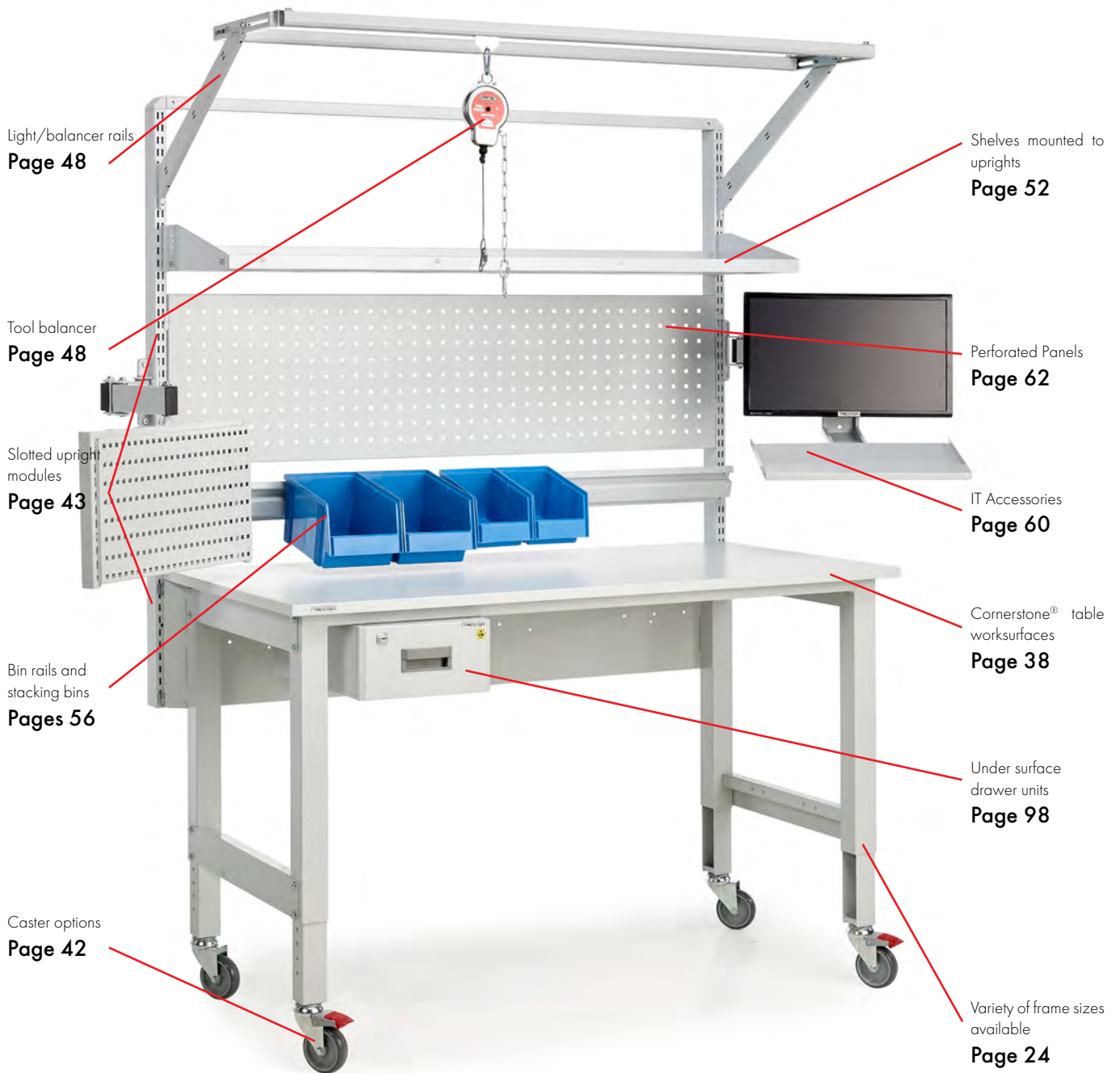


- 4-legged steel structure
- High load capacity for even the toughest environments
- Easily equipped with accessories



Designing Cornerstone® workstations

Cornerstone® workstations are available in several sizes and combinations. Accessories can be added to optimize functionality and increase usability. See pages 40-63 for accessories.



Cornerstone[®] workstation frames



Please see product specification on page 132 for more dimensions.

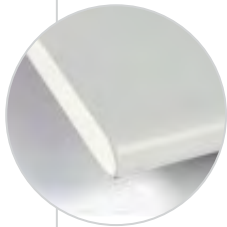
Cornerstone[®] workstation frame

frame size D x W inches	max load lbs, evenly loaded	Order No.
30 x 48	2000	CS712-49
30 x 60	2000	CS715-49
30 x 72	2000	CS718-49

The height is adjustable from 24.75 to 37.64 inches including glide and top.

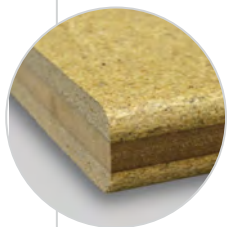
*Depth kits for 24" and 36" sold separately.

Cornerstone[®] worksurfaces



Postformed work surface

- Grey laminate surface
- Postformed front edges
- Thickness of 1 3/16 inches.



Shop Top work surface

- Industrial grade particle board surface with medium-density fiberboard (MDF)
- Lacquer finish
- Overall thickness of 1 1/2", 3/8" radius top and bottom front edges

Cornerstone[®] worksurfaces

worktable frame Size D x W inches	non-ESD Postformed Order No	ShopTop Order No
24 x 48	14-9684103 •	14-9784101 •
24 x 60	14-9684104 •	14-9784102 •
24 x 72	14-9684105 •	14-9784103 •
30 x 48	14-9684110 •	14-9784105 •
30 x 60	14-9684111 •	14-9784106 •
30 x 72	14-9684112 •	14-9784107 •
36 x 48	14-9684117 •	14-9784110 •
36 x 60	14-9684118 •	14-9784111 •
36 x 72	14-9684119 •	14-9784112 •

See additional work surface options on page 38.



ESD Caster set Ø 3.94" Order No 860429 -00

Caster set Ø 3.94" Order No 834734 -00

Load capacity with castors 660 lbs.

- = products in stock with quick shipping time (1-2 weeks)
- = products that are not stocked but have shorter delivery times (3-4 weeks)

Cornerstone[®] accessories



Slotted upright modules and compatibility

	Order No l = 53.5" h = 42.32"	Order No l = 62.28" h = 51.18"
1 x M48	14-9074901 •	14-907490 •
1 x M60	14-9074908 •	14-9074912 •
1 x M72	14-9074909 •	14-9074913 •
2 x M30	90349001P •	90349002P •
2 x M36	90449001P •	90449002P •

h = module's height attached from the worksurface

Drawer Mounting Brackets

Frame width	Order No
48"	CSDB120-49
60"	CSDB150-49
72"	CSDB180-49

Drawer brackets will support third party drawer units.

Lower Steel Shelf for Cornerstone

Description	Order No
40.94" x 18.11"	LSSCS120
55.83" x 18.11"	LSSCS150
67.64" x 18.11"	LSSCS180

Hangs on horizontal bars. Max load 66 lbs.

Dividers for Lower Shelf

Description	Order No
Divider set - 4 pcs 18.11" x 12.4"	LDH



For More Information: 866-333-0728
 Custom Equipment Company
 Sales: sales@customMhs.com
 www.customMhs.com

See page 40 for our wide range of workstation accessories.