

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

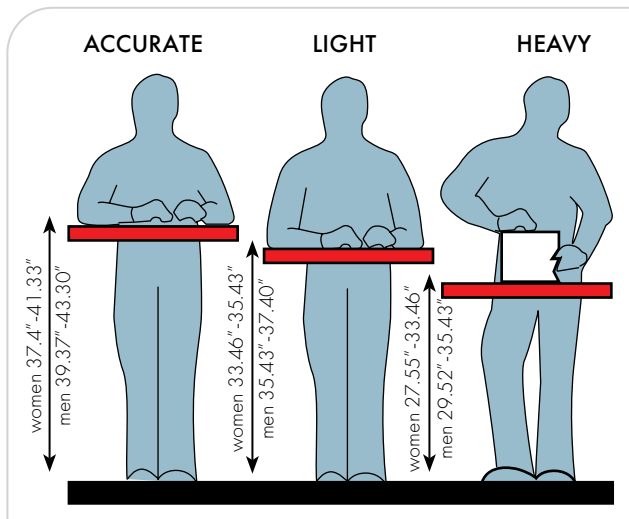
Focus point should follow these guidelines:

- 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

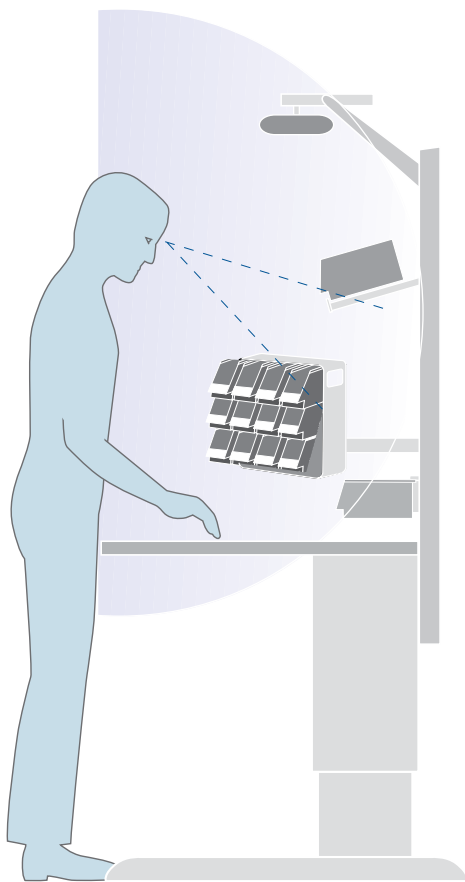
Seated or standup work?

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.

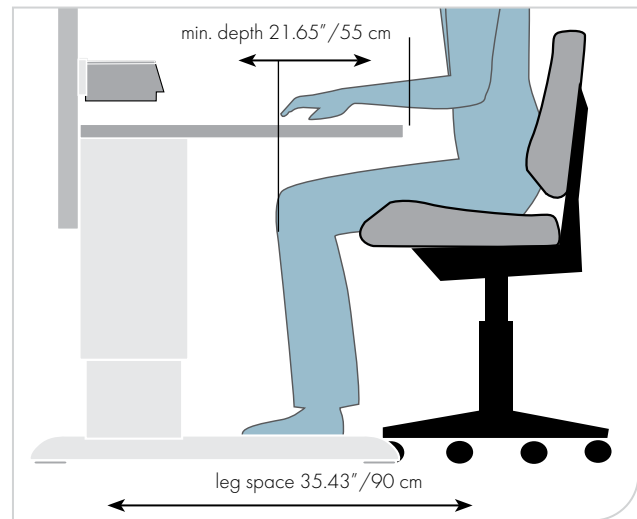
Height adjustability is especially useful when the size of the products being handled varies or when several people use the same workstation.



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.

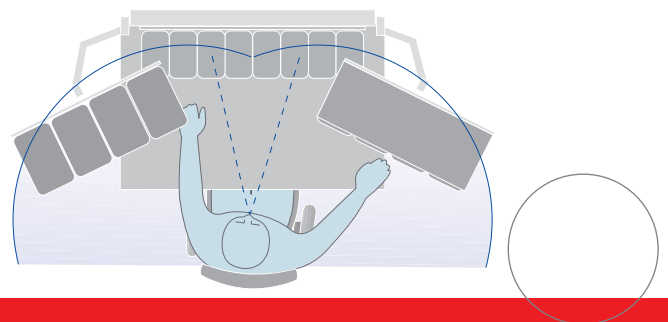


Seated work

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.







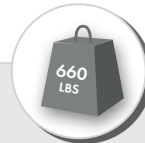
TP workbenches

The classically designed TP workbench is the ideal basic bench, the simplest and the most cost-effective option in our range of workbenches. TP workbenches are standard benches that are suitable for a broad range of tasks and environments when fitted with accessories: testing, packing, repair, inspection. TP bench is rated for loads up to 660 lbs.

Designed for use in today's production and assembly environments, this definitive modular system, developed over more than 35 years, provides a high quality working environment. Customize your workstation to your own requirements.

Stepless height adjustment

The height of workbenches in our TP range can be steplessly adjusted from 25.6" to 35.4", which makes these benches suitable for work while sitting or standing.

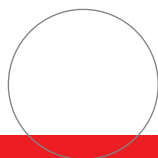


- Standard and cost-effective workbench
- Suitable for a wide range of tasks and environments
- Superior range of accessories, easily reconfigured
- Steel frame with loading capacity up to 660 lbs



ACCESSORIES ON PAGE 40

Superior range of accessories available for ergonomic LMT workstation.



Designing TP workstations

TP workstations are available in several sizes, with ESD and nonESD options. Uprights and accessories can be added to optimize functionality and increase usability. See pages 40-63 for accessories.



Light balancer rails
Page 48

Lights
Page 49

Shelves mounted to uprights
Page 52

Slotted upright modules
Page 43

ESD and nonESD worksurface options
Page 38

Bin rails and stacking bins
Pages 56

Accessory frames
Page 18

Caster options
Page 42

Variety of frame sizes available
Page 18



The TP bench can be equipped with casters! See page 42.

TP Workstation
Order No C12041302 •

Caster set Ø3.94" Order No 834734 -00
Caster set Ø3.94" ESD Order No 860429 -00
Load capacity with casters 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)

TP workbenches



- Stepless height adjustment with allen-key between 25.6"-35.4".
- Frames are of epoxy powder coated steel in grey RAL 7035.
- Slotted uprights (ordered separately) allow to attach a wide range of accessories. Accessory frame required for slotted uprights.
- Worksurfaces included.



Laminate bench top

- 1" low pressure laminate
- Light grey surface
- Plastic edging



ESD bench top

- Grey laminate surface
- Grey edging
- Thickness 1"
- Static-dissipative (ESD)

TP workbench with worksurface

Bench size W x D inches	Max load lbs	Order No	Order No ESD
27.6" x 19.7"	330	TP2030	TP2030ESD
39.4" x 19.7"	330	TP2040	TP2040ESD
59.1" x 19.7"	330	TP2060	TP2060ESD
39.4" x 27.6"	660	TP3040	TP3040ESD
47.2" x 27.6"	660	TP3048	TP3048ESD
59.1" x 27.6"	660	TP3060	TP3060ESD
70.9" x 27.6"	660	TP3072	TP3072ESD
59.1" x 35.4"	660	TP3660	TP3660ESD
70.9" x 35.4"	660	TP3672	TP3672ESD



Accessory frame

Bench frame width in	upright module compatibility	Order No
39.4"	1 x M36, 1 x M48, 1 x M40	TPK10-49
47.2"	1 x M30, 1 x M36, 1 x M48	TPK12-49
59.1"	1 x M60, 2 x M30	TPK15-49
70.9"	1 x M72, 2 x M36	TPK18-49

Upright tubes or the upright tube module are always attached to TP bench with an accessory frame. The accessory frame cannot be used in line or with corner extensions.



Lower shelf for TP

Name	Size W x D inches	Max load lbs	Order No
Lower shelf	42.5" x 19.7"	110	AT120TPH
Lower shelf	54.3" x 19.7"	110	AT150TPH
Lower shelf	66.1" x 19.7"	110	AT180TPH



Lower steel shelf for TP

Name	Size W x D inches	Max load lbs	Order No
Lower shelf	55.8" x 18.1"	66	LSS150
Lower shelf	67.6" x 18.1"	66	LSS180
M-dividers (set of 4)	18.1" x 12.4"		LDH



Side worktop

Name	Size W x D inches	Max load lbs	Order No
Side worktop	15.75" x 27.6"	77	TP704ST
Side worktop	15.75" x 35.4"	77	TP904ST

Easy to fix to the legs of the bench. Can be fixed on the left or right side of the bench and brackets placed either above or underneath. Height adjustable 22.6"-35.4" from the floor.

TP extension benches

TP line extension

Each standard TP bench may also be supplied as a line extension. Fitted to side of main bench.

Bench size W x D in	Max load lbs	Order No	Order No ESD
39.4" x 27.6"	330	TP3040L	TP3040LESD
47.2" x 27.6"	330	TP3048L	TP3048LESD
59.1" x 27.6"	330	TP3060L	TP3060LESD
70.9" x 27.6"	330	TP3072L	TP3072LESD
59.1" x 35.4"	330	TP3660L	TP3660LESD
70.9" x 35.4"	330	TP3672L	TP3672LESD

TP angle extension

Each standard TP bench may also be supplied as an angle extension. Fitted to front angle of main bench.

Bench size W x D in	Max load lbs	Order No	Order No ESD
39.4" x 19.7"	330	TP2040K	TP2040KESD
47.2" x 27.6"	330	TP3048K	TP3048KESD

TP corner workbench

A corner workbench can be used with two TP benches (with one H-frame pair) to create a 90° angle setup.

Bench size W x D in	Max load lbs	Order No	Order No ESD
43.3" x 43.3"	330	TP4343KK	TP4343KKESD
51.2" x 51.2"	330	TP5151KK	TP5151KKESD



* Workbench with one H-frame pair.

This unit consists of a worktop, two side frames and a leg in the middle. Front side 22.2".

TP upright tubes

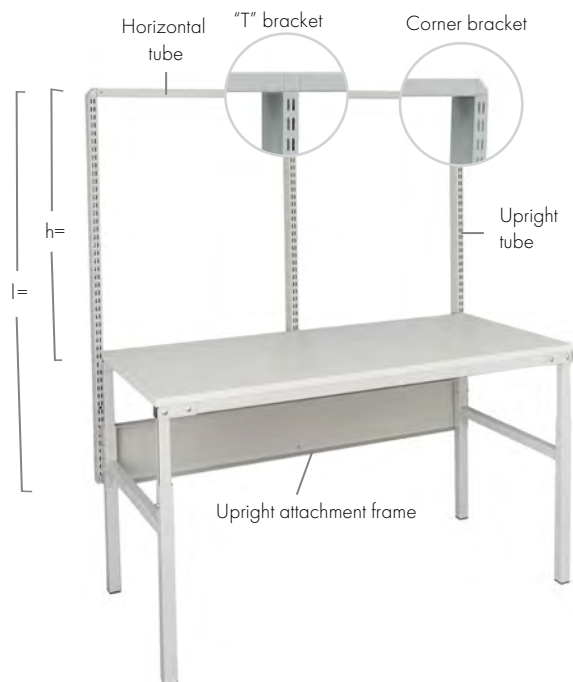
The TP workbench is a cost-effective option to the modular Concept workbench. Accessories are attached to both benches with the aid of slotted uprights or a pre-assembled, upright tube module.

The module includes upright tubes, horizontal tube/tubes, corner bracket pair and "T" bracket (if module has more than one horizontal tube). The upright tubes or the upright tube module are attached to the back of the TP bench with an upright attachment frame (ordered separately).

TP workbench (shown right)

Order No C12041300

Qty	Name	Size inches	Order No
1	Workbench TP	60" x 27.6"	TP3060 •
1	Upright attachment frame	60"	TPK15-49 •
1	Upright tube module	2 x M30	90349001 •



TP Basic Upright Frame

TP basic upright frame with bench top

TP basic upright frame is a lighter workbench. In addition to the bench top attached to the frame, it can be equipped with any Treston accessories. It's ideal for lighter use, when some additional workspace is needed. The basic upright frame may also be used without a worksurface as accessory support positioned behind conveyors or machines.

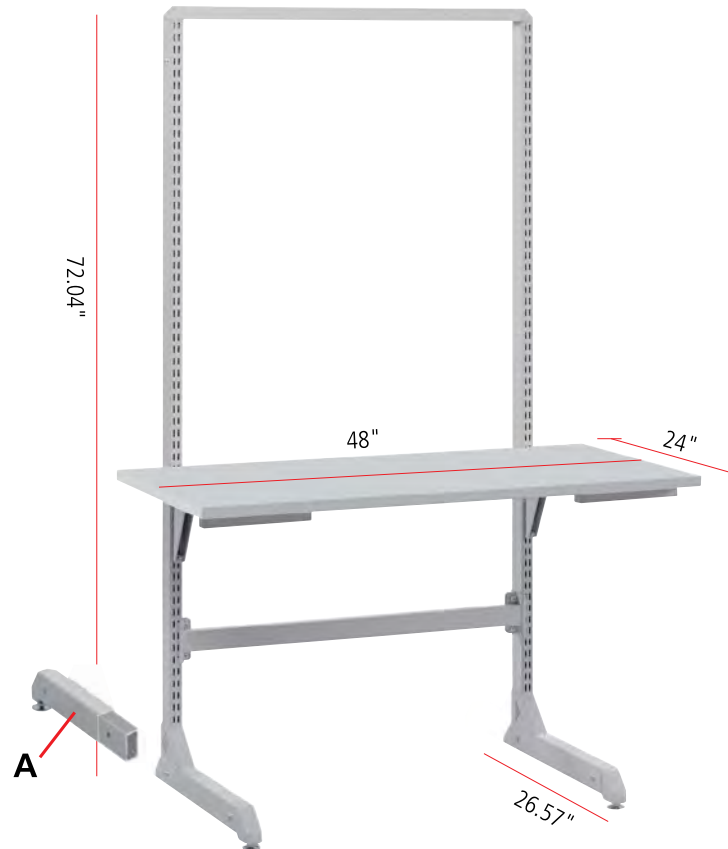
Basic™ upright frame (frame only)

frame size W x H inches	max load lbs	Order No.
M20 x 70.86	600	14-85049101
M30 x 70.86	600	14-85049103 •
M36 x 70.86	600	14-85049105 •
M48 x 70.86	600	14-85049124 •
M53 x 70.86	600	14-85049142
M60 x 70.86	600	14-85049125 •
M72 x 70.86	600	14-85049126 •

Frame only. See page 38 for worksurface information.

Basic™ upright frame components

name	size inches	max load lbs	Order No.
Bracket pair	132		860139-49 •
"L" Bracket Set - worksurface right			14-94049228 •
"L" Bracket Set - worksurface left			14-94049229 •
A Foot extension 8"	8"		890317-49
A Foot extension 17"	17"		890247-49





Postformed Laminate

- Light-grey, laminate surface
- Grey edges
- Thickness 1 3/16 inches



ESD Postformed Laminate

- Grey laminate surface
- Grey edges
- Thickness 1 3/16 inches
- Static-dissipative (ESD)

TP Basic upright frame with worksurface Order No C12349102 •

Qty	Name	Size inches	Order No
1	TP upright frame	M36 x 72.8"	14-85049105 •
1	ESD worksurface	47.2" x 23.6"	14-9704903 •
1	Bracket pair		860139-49 •

TP Basic Upright Frame Worksurfaces

Size W x D inches	Order No	Order No ESD
40 x 24	14-9684102 •	14-9704902
48 x 24	14-9684103 •	14-9704903
60 x 24	14-9684104 •	14-9704904
72 x 24	14-9684105 •	14-9704905

Contact a Treston representative for more information on all options available.

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

Pre-configured TP benches



TP workbench

Order No C12041302 •

Qty	Name	Size inches	Order No
1	Workbench TP	60" x 27.6"	TP3060 •
1	Accessory frame	60"	TPK15-49 •
1	Upright tube module	2 x M30	90349001 •
1	Light/balancer rail	2 x M30	91849006 •
1	Single LED light	48"	14-9503596 •
2	Metal shelf	M30 x 12"	836028-49 •
2	Bin profile	M30	859151-49 •
10	Stacking bin	9.8" x 5.9" x 5.1"	1525-5 •



TP Basic Upright Frame workstation

Order No 14-C8504150 •

Qty	Name	Size inches	Order No
1	TP upright frame	M36 x 70.86	14-85049105 •
1	grey laminate postformed top w/ 180 degree comfort edge	24 x 48	14-9684103 •
1	Table top brackets, pair		860139-49 •
2	Bin rail	M36	859152-49 •
16	Stacking bin - red	6.49 x 4.13 x 2.95	1015-5 •
1	Adjustable shelf	M36, 20 x 34	92041009 •
1	Light/balancer rail, front mount	M36	91849007 •
1	Dual LED Light	36	14-95035152 •

Distributed by: Custom Equipment Company
 866-333-0728
sales@custommhs.com
www.custommhs.com