

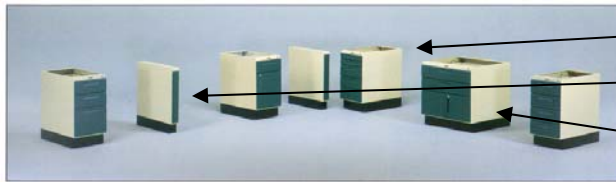


The design principle behind Sturdilite is as follows:

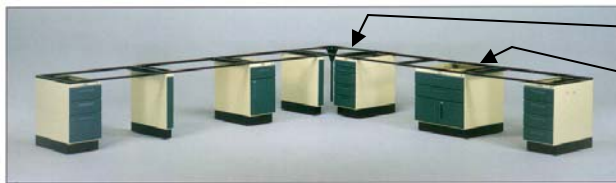
As a **pedestal-based system**, two or more support pedestals are connected by a steel support frame of specified width (length). Work surfaces are mechanically attached to the frame, which is mechanically secured to the support pedestals. A structural panel is secured across the rear of the pedestals. Pedestal height selections determine whether the bench work surface is fixed at **desk height (30")** or **bench/technical height (36")**

Support pedestals are available in a wide variety of storage/drawer choices, in both single and double widths. Alternately, panel legs are used where storage is not required. Free-standing benches require at least two supports, but may include more as storage needs dictate. When connected to form rows, support pedestals may be shared at contact points, reducing cost.

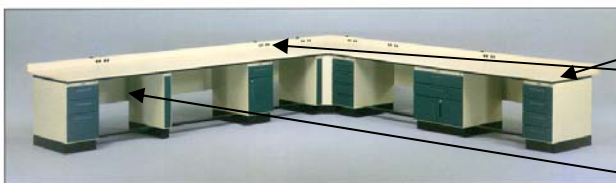
**Example, L-shaped configuration - assembly process.**  
**Note: Pedestals are spaced according to specified work surface widths**



- Single width storage pedestals
- Pedestal support leg
- Double width storage pedestal



- Steel support frame, corner
- Steel work surface support frames, (2) joined via connecting sleeves (not visible) - Frames mechanically secured to tops of peds



- Work surfaces secured to frames
- Powered backsplashes secured to work surfaces
- Structural 'modesty' panels secured to rear of pedestals



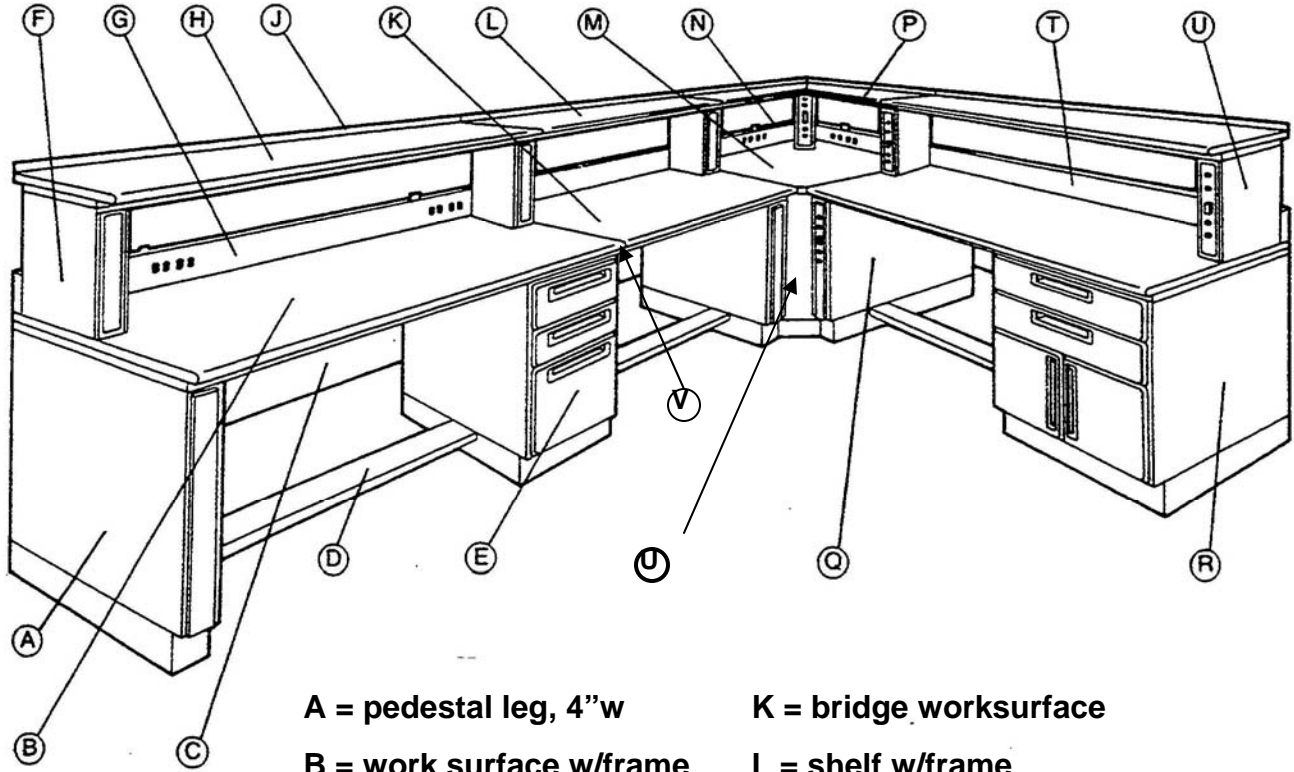
- Steel support frames for shelves secured to risers
- Shelf risers secured to worksurfaces



- Shelves secured to support frames
- Completed assembly - 14.5' x 13.5'

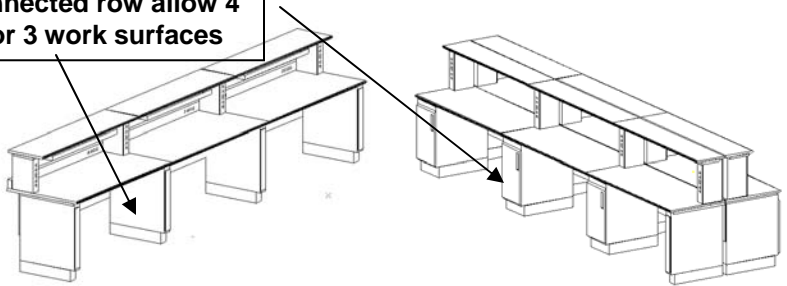


### Modular component vocabulary



- A = pedestal leg, 4" w
- B = work surface w/frame
- C = modesty panel
- D = foot rest
- E = box/box/file ped  
single width, 15.25"
- F = shelf riser
- G = powered backsplash
- H = shelf
- J = shelf backsplash
- K = bridge worksurface
- L = shelf w/frame
- M = corner worksurface
- N = corner powered backsplash
- P = corner shelf
- Q = powered ped. leg
- R = box/box/cabinet,  
double width, 26.5"
- T = non-powered backsplash
- U = corner trim panel
- V = frame connecting sleeve (not seen)

Note: Shared supports on connected row allow 4 total for 3 work surfaces





**Key Specification Selections – see Sturdilite Order Guide  
for complete lists of available standard components and accessories.  
Contact rep for info about special dimensions, configurations, accessories, etc.**

<b>Specify:</b>	<b>Details</b>	<b>Notes</b>
Pedestal (work surface) height and width	30" (desk) or 36" (bench or 'technical height'). Single or double width.	See order guide for support ped configurations for each.
Bench width (width/length of each work surface, spanning pedestal supports)	24", 30", 36", 42", 48", 60", 72", 84" & 96". Corners and special dimensions available	Span up to 84" between supports with 1,000 lb. load capacity
Work surface depth (front to back)	24", 30" or 36" Special dimensions available	Special 22"D peds available for 24"D work surfaces
Support pedestals	Choice of drawer/cabinet combination storage pedestals or pedestal leg. Bench or tech height.	One per end of ea. work surface for max. knee space, or fill in as needed. See order guide for selection
Single or double-sided configuration	Double sided are independent, placed back to back	2X depth of work surfaces, back to back
Work surface material	High density laminate standard with full radius front edge	Optional epoxy resin, ESD laminate, chemical resistant laminate, Trespa TopLab, stainless steel, maple
Shelf dimensions	Riser height (clearance) = 15" or 20". Shelf depth 15" or 18". Special dimensions available	Shelf material can match work surface or alternate. Corner shelf units available
Electrical outlets in backsplash	4 or 8 outlets std. Up to 12 avail. on single circuit. 15A or 20A. Specials available.	Includes on/off circuit and 10' power cord. Mount at rear of work surface and/or rear of shelf
Electrical outlets in riser face, riser side panel, or front of pedestal leg	4, 6 or 12 outlets 15A or 20A	Voice & data avail.
Under shelf task light	Fixed to under side of shelf above work surface	3 widths available, with on/off and power cord
Sink pedestals	Single or double width 'storage' pedestal includes sink and fixtures.	See order guide for options and details
Overhead storage	All steel 'flipper' recess door cabinet. 15" x 15".	Std. lab cabinets with sliding or hinged doors in steel and glass also available in various sizes.
Utility integration options	Various solutions	Contact rep for multiple available solutions for power, voice, data, gas, water, etc.

*Other available components include monitor arms, cable management, keyboard trays, CPU holders, magnifier lights, etc. Contact rep for additional details and for any assistance with specifying the Evolution product.*