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Cosmopolitan is stackable, load-resistant tiles that come in a variety of finishes and fabrics. Durable laminate worksurfaces in a variety of shapes, patterns and finishes. A natural partner for Tayco's Go mobile tables.

Modular Panel Frames

- Frames are available in nominal heights of 37", 45", 53", 61", 69", 77" and 85" and widths of 18" to 60" in 6" increments.

- To meet ADA requirements, the frame is designed to provide for a worksurface height from 29" to 34" in 1" increments. Frames are designed to permit all hanging components (worksurfaces and shelves) to be adjusted in 1" vertical increments.

- Frames are constructed of 16-gauge steel and are welded together to ensure structural integrity and safety. Bare panel frames are $1\frac{7}{8}$" thick, while complete panels including finish tiles and top caps are $3\frac{1}{8}$" thick.

- 3" nylon floor glides adjust a minimum of $2\frac{1}{2}$" vertically to accommodate floor variance.

- Each frame has a two-piece clip-on metal wire-management baseboard cover. The cover is accessible on both sides of the panel and provides locations for electrical outlets.

- Panel bases can be retrofitted to add electrical receptacles to previously non-electrified panels in the future.

- The baseline covers allow for the laying in of all cables, eliminating the need to thread wires through the base of the frame and around the corners.

- Frames are firmly secured together with metal connectors.

- Frames can be connected in two-way/90-degree, two-way/135-degree, two-way/120-degree, 3-way, 4-way or straight line configurations. Frames are secured so that light is not transmitted through the connectors.

- Frames are designed to accept various sizes of panel tiles with different finishes that perform different functions.

- Frames are designed to permit frames of unequal heights to be connected together with appropriate finishing pieces.

- Frames have mounting clips for top caps pre-installed on panel frames.

- Frames are designed to accept a variety of work surfaces, including worksurfaces at 135-degree and 120-degree corners.

- Acrylic panel frames are available without an electrical crossbar to allow for the use of acrylic tiles from the top of the panel raceway to the panel top cap.

- When belt-line electrics are specified, the frame will include an electrical crossbar.

Stacking Frames

- Stacking frames are available in all panel widths. Each frame can increase the height of an existing frame by a nominal 8", 16", or 24" up to a maximum height of 109". Multiple stacking frames can be added to span from 37" high to 109" high.

- The stacking frame is constructed of 16-gauge steel and is completely load-bearing. Stack-on frames can easily be added or dismantled, making moves, adds and changes quick and easy.

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Panel Tiles

- Panel tiles close off the interior and exterior chase of the modular open frame and are available in several sizes and variations to allow maximum accommodation to the station's requirements.

- Tiles are attached to panel frames by means of a clip-on spring.

- Tiles are available in standard heights of 8", 16" and 24" in all panel widths. Each tile is approximately $\frac{5}{8}$" thick.

- Tiles are completely modular. A 16"-high tile can be replaced with two 8"-high tiles, and a 24"-high tile can be replaced with any combination of tiles equaling 24"-high. Tiles can be reconfigured without the need to order additional parts.

- Monolithic tiles are also available in acoustical fabric and bronze, clear, frosted and fluted double-paned acrylic options. Monolithic tiles attach to panel frames by means of lift and drop.

- Acoustical monolithic fabric tiles are available in heights 32", 40", 48", 56", 64", 72" and 80" and come in widths of 18", 24", 30", 36", 42" and 48".

- Monolithic acrylic tiles come in heights of 32", 40", 48", 56" and 64". Widths start at 18". Maximum widths vary depending on the height of the acrylic tile.

- Monolithic acoustical fabric tiles consist of a fabric-wrapped metal frame with honeycomb and fibreglass.

- Tiles are available in perforated metal, accessory-supporting, fabric-covered, marker-board, tackable acoustical (STC 28, NRC 65), acrylic acrylic, open pass-through and beltline wire management.

- Segmented fabric tiles are constructed from galvanized cold-rolled metal, honeycomb, and fibreglass that is covered in fabric.

- All fabric tiles have a minimum of four fabric grades and over 130 fabric options, including a line of 100% recycled content fabric. COM fabrics are also available on request.

- Acrylic acrylic tiles are double-paned and available in clear, frosted, fluted and bronze standard finishes.

- Acrylic, marker-board and accessory tiles come with clips pre-installed on the tile for ease of installation.

- Beltline flip-up tiles discreetly hide electrical wires and allow easy access to power outlets and data/communication ports at desk-height. Electrical doors can be easily opened and remain in the open position, until the user has finished work and lowers the flip-up tile.

- The electrical access tile allows for electrical and voice/data cable management at desk height, or above desk-height in 8" increments.

- During operation the flip-up tile opens less than 2" into the workspace, eliminating the need to clean off the worksurface prior to opening the electrical access door. The unique hinge enables the access door to be easily opened and remains open on its hinge, hands-free until the wires are stored behind the tile.

- Electrical access tiles are 8" high and come in widths of 18" to 60".

- Individual panel tiles can be removed and relocated without dismantling adjacent tiles. Panel tiles are easily removable without the need for tools.

- Tiles ship on panel frames to reduce the time spent on installation and ensure complete shipments.

Hinged Panel Doors

- Aluminum powder-coated door frames come in widths of 36" and 42" and accommodate stack-on panel frames. Door frames adjust up to 2" to accommodate floor variance.

- Panel doors are hollow-core construction with a lacquer finish in a variety of colors.

- Panel doors are shipped with panel connector pieces pre-installed.

- 4" lever door handles meet ADA requirements and have a satin chrome finish.

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Sliding Panel Doors

- Sliding panel doors are available in heights of 61" and 69" and widths of 36" and 42".

- Sliding doors can open from left to right or right to left and move along the ground on 2" casters.

- Doors consist of an aluminum frame and acrylic acrylic in a choice of clear, frosted, fluted or bronze finish.

- Aluminum frames are available in a choice of nine finish options to match panel trim colors.

- Metal door knobs meet ADA requirements and are available in nine finish colors.

- An optional lock is available on sliding doors.

Panel Connectors

- Adjacent panel frames are connected directly to each other by use of 1" hex screws for a strong metal-to-metal connection. There is no creepage between in-line connections.

- 90-degree, 120-degree, 135-degree and 180-degree connectors are black powder-painted metal.

- Three types of longitudinal wall connectors are available to match metal panel trim finishes. Wall connectors adjust from 2.25"-3.25", 3"-4.25", and 4"-5.25" to accommodate variances in wall measurements.

- Panels can be attached directly to the wall without the use of a longitudinal wall connector in situations where walls are squared and adjustability is not necessary.

Panel Trim

- T-Connection fillers, 90-degree, 120-degree, 135-degree, and 180-degree metal fillers are available in nine metal finish colors. Filler top caps are included with the filler and do not need to be specified separately. Fillers are installed on the panel frame by being pressure-fitted to grooves in the exterior of the frame.

- Metal top caps are available in nine finishes to match metal panel fillers.

- Top caps and end posts are interconnecting and produce a clean, smooth finish to the system.

- Panel end posts are factory precut at 10 full heights and nine partial end post heights for drop-down panel heights. End posts include metal clips to attach the end posts to the panel frame.

Panel Base

- Panel base raceways are constructed of 22-gauge electro-galvanized steel, powder painted with knockouts for lay-in of cables for electrical and voice/data capabilities. Base raceways are $5\frac{1}{2}$" in height to accommodate electrical and communication routing for continuous wiring and cables.

- Raceways are connected to the panel by a spring system and are easily removable for access to power/data elements.

Electrical Components

- All electrical components are based on NEC standards and are therefore UL listed - and CSA-certified.

- The electrical system is an eight-wire four-circuit system. Each circuit is rated for 20 amps/120 volts. Electrical receptacles can be outfitted at baseline. Base power modules consist of a quad-plex with two isolated and two common circuits. Beltline power modules consist of either a quad-plex or octo-plex with either two isolated and two common (quad-plex) or four isolated and four common (octo-plex) circuits. Isolated circuits are shielded to prevent electromagnetic interference. Isolated receptacles are made evident by their orange color. Electrical harnesses have a metal flex casing to prevent interference with voice/data cabling to shield all electrical wires.

- Electrical harnesses easily snap together to make a connection. Power modules can be installed or relocated without dismantling the panel.

- Base and beltline electrics are compatible. Electrical components can be configured to allow panels that are not adjacent to be powered by means of an electrical bypass harness. An optional wire manager is available for bypass panels. Power modules can be easily installed and relocated without dismantling panels.

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- The system allows for electrical access from the floor, wall or ceiling. Power poles are available in two standard heights and four colour options. Divided power poles are available as an option.

- Electrical power modules are rated for 20 amps/120 volts. Power modules can be specified as double- or single-sided to accommodate one station or two stations back to back.

- Open-wire starter harnesses come in 72" and 168" lengths and are hardwired into the electrical system of the building.

- Electrical harnesses are available in singular lengths ranging from 19" to 145" at 3" increments or as a combination of two harnesses up to 181" in length.

Voice/Data

- Voice/data access is available at the panel base or beltline. Panel frames can house over 160 cables. Both beltline and base raceways have back-to-back access capability.

- Voice (RJ11) jacks are rated CAT3.

- Data (RJ45) jacks are rated CAT 6. The transmission speed is 1000 megabits per second.

- Segmented panels have extensive internal cable capacity of up to 160 cables. Lay-in base raceways hold up to 60 cables. Beltline raceways store up to 36 cables.

- Open space inside the frames allows for routing and storage of fiber-optic cable or copper wire. An additional 36 cables can be housed under the beltline, as well as 36 cables above the beltline.

- Each panel can be outfitted with up to six receptacles. Nine voice/data combinations are available depending on project requirements.

- Tile panels allow installation of a "patch panel" used to route communication cables from a network hub to individual workstations. This "patch panel" provides zoned network cabling distribution, which is beneficial when making changes to the data network or adding or reconfiguring workstations.

Modular Countertops

- Modular countertops are available in lengths of 24" to 54" in 6" increments and a width of $11\,^3/_4$".

- Modular countertop supports are available to match the individual frame widths or span two panel widths up to 54" wide or (two) 30"-wide panels. Countertops can be mounted to the panel without the use of any tools.

- Counter surfaces are fabricated from $^3/_8$" tempered frosted glass with bowed ends.

Worksurfaces

- Worksurfaces are available in 18", 24" or 30" depths and widths from 18" to 96". Non-standard sizes are available upon request.

- Surfaces can be supported by pedestal, end gable, cantilever, metal bracket, or metal gable.

- Surfaces are fabricated from thermally fused melamine with 45 lb./cu. ft. density industrial grade composite wood core. Surfaces are finished on all sides with 2-mm vinyl edge banding. Worksurfaces can hang from both sides of the support structures and be adjustable up or down in 1" increments.

- Worksurfaces are available with and without ABS grommets.

- Panel-supported worksurfaces are available in 26 different shapes. 9 table shapes are available for executive and conferencing requirements.

- All worksurfaces come standard as 1" thick with 24 laminate finish options or in an optional 1.5"-thick upgraded surface available in 15 laminate finish choices and three decorative edge details.

Corner Worksurfaces

- Corner worksurfaces are available in six sizes. They are fabricated from thermally fused melamine with 2-mm vinyl edge banding. Worksurfaces can hang from both sides of the support structures and be adjustable up or down in 1" increments.

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- A supplementary bracket to support the back corner of the corner worksurface comes included with five-sided corner surfaces.

Worksurface Supports

- Horizontal supports can be specified for worksurfaces with an unsupported width greater than 48", eliminating the need for an additional cantilever support.
- Horizontal surface supports are constructed of 14-gauge steel.
- Tables are supported by an height-adjustable, cylindrical metal post with a 3" diameter.

Cantilever Supports

- Cantilever worksurface supports are universal, right- or left-handed to suit the specific configuration. The system does not require the use of mending plates to support adjacent worksurfaces, as they are incorporated into the cantilever support.
- Cantilever supports are constructed of 12-gauge steel and powder-coated black.
- Cantilever supports are available in 16" and 22" lengths to accommodate various worksurface depths.

Overhead Storage

- Overhead storage can be panel-mounted at 1" increments or mounted to the wall by use of metal wall mount channels.
- Storage units are manufactured in a variety of widths and can hang from both sides of the support structures and be adjustable up and down in 1" increments. Storage units include open metal shelves and closed storage shelves with lockable doors available in a variety of door finishes (metal, laminate and fabric-covered).

Flipper Cabinets

- Flipper cabinets have an 16-gauge steel top and bottom and 12-gauge steel sides, come standard with a lock and are available in nine powder-coated finish options.

- A magnetic marker-board strip can be added to metal flipper door fronts to provide an additional writing surface in the station. Magnetic marker-boards are available in widths to match flipper door widths and do not interfere with the operation of the locking mechanism on the flipper door.
- Flipper cabinets are 14" deep and 16" high and are available in widths of 30", 36", 42", 48", 54" and 60".
- Cabinet faces are available in fabric-covered, metal powder-painted 20-gauge steel or laminate. Cabinets have a 15" steel ball bearing slide and the option of being manufactured with an easy-down hydraulic cylinder slide.

Metal Shelves

- Metal shelves are constructed with an 16-gauge steel bottom and 12-gauge steel sides with nine powder-coated finish options.
- Metal shelves are available in 24", 30", 36", 42", 48", 54" and 60" widths and depths of 12".

Pedestals

- Under-desk pedestals are available in laminate or metal construction. Mobile, freestanding and gable pedestals are available in laminate construction.
- Stationary bases have four adjustable 1.5"-high leveling glides that provide up to 1" of adjustability.
- Pedestals drawers are available in combinations of 6"- and 12"-high drawers.
- Box drawers have full-extension steel ball bearing slides and rubber stoppers.
- File drawers have full-extension steel ball bearing slides and rubber stoppers.
- Drawer slides are used to attach the drawer to the case. Drawer slides have the capacity to support a load of up to 100lb. Drawers and slides are removable .

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- All pedestals come equipped with a locking mechanism. Stations can be keyed alike upon request and a master key will be made available to the facility's manager.
- Pedestal file drawers offer the option to file documents from front to back or side to side.

Laminate Pedestals

- Laminate pedestals are constructed of $^{11}/_{16}$" thermally fused melamine
- Mobile pedestals come equipped with a fifth wheel on the bottom drawer to ensure stability, in place of a counterweight.

Under-Desk Pedestals

- Underdesk pedestals are available in laminate or metal construction to fit below an extended corner, rectangular or curvilinear desk module.

Laminate Gable Pedestals

- Gable pedestals are available in laminate construction and have 24"- or 30"-deep finished sides to act as a worksurface support, as well as filing space, to eliminate the need for a separate laminate gable support for the worksurface.
- Gable pedestals fit below an extended corner, rectangular or curvilinear desk module.

Lateral Files

- Lateral files are available as freestanding or under-desk filing.
- Lateral files are constructed of $^{11}/_{16}$" thermally fused melamine casings and drawer fronts and easily reconfigurable drawer modules.
- Lateral file drawers are capable of supporting a load of up to 200lb.
- Full-extension metal ball bearing slides on the drawers allow complete and unobstructed access with front-to-back or side-to-side filing rails to maximize the use of drawer filing space and to better organize documents. Legal- and letter-size documents can be filed front to back or laterally within the drawer.
- Units have an anti-tilt safety mechanism that prevents more than one drawer from opening at the same time.
- All lateral files come equipped with a locking mechanism. Stations can be keyed alike upon request, and a master key made available to the facility's manager.
- Lateral files have four 1.5"-high glides that allow the lateral file to adjust up to 1" in height.

Underdesk Lateral Files

- Underdesk lateral files are available in widths of 30", 36" or 42".
- A 2-drawer lateral file fits below a 24"- or 30"-deep passage extended corner, rectangular or curvilinear desk module.

Freestanding Lateral Files

- Freestanding lateral files are available in two-drawer-high, three-drawer-high and four-drawer-high configurations. Two-drawer lateral files are available in 30", 36" or 42" widths. Three-drawer and four-drawer lateral files are available in widths of 30" and 36".

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- Freestanding lateral files have a built-in an anti-tilt mechanism that only allows one drawer to be opened at a time for safety purposes. Lateral file case and fronts are constructed of laminate. Drawer interiors in lateral files accept adjustable rails for filing letter and legal hanging files.

- The lateral file top is $^{11}/_{16}$"-thick thermally fused melamine with 45 lb. wood core. The top attaches to the lateral file case.

- Laminate file tops can be ordered to attach to a pedestal or lateral file or span a combination of freestanding files. Laminate tops have 2-mm vinyl edge trim available in 24 standard colors.

Storage Cabinets

- Desk-height and double-height storage cabinets are available in 18", 24" and 36" widths and in 21" depths. They are stand-alone units and come standard with locks. They come complete with leveling glides and organizing components to allow for the storage of paper, forms, coats or other items.

- All cabinets come with 1.5"-high glides that can adjust the height of the cabinet up to 1".

- Large storage modules, approximately 24" wide x 18" deep x 66" high, hold a variety of shelves and drawers.

Combination Cabinet

- The combination cabinet is available as an under-desk or freestanding unit. The cabinet top on the freestanding unit consists of $^{11}/_{16}$"-thick thermally fused melamine with 45 lb./cu. ft. density wood core. The top attaches directly to the lateral file case.

- The cabinet has a file drawer on one side and two box drawers on the other side with a lateral file drawer located below the box and file drawers. A pencil tray is included in the top box drawer of the cabinet.

- Box drawers have full-extension steel ball bearing slides.

- File drawers have full-extension steel ball bearing slides and rubber stoppers and the option to file documents from front to back or side to side.

- The casing is 30" high, 36" wide and 21" deep.

- The cabinet top is $^{11}/_{16}$"-thick thermally fused melamine with 2-mm vinyl edging.

- The cabinet base has four adjustable 1.5" high leveling glides that provide up to 1" of height adjustability.

- Drawer slides are used to attach the drawer to the case.

- Drawer slides have the capacity to support a load of up to 100lbs. Drawers and slides are removable and interchangeable on-site.

- Lateral file drawers can support a load of up to 200 lb.

- All cabinets come equipped with a locking mechanism. Stations can be keyed alike upon request, and a master key will be made available to the facility's manager.

Double-Height Combination Cabinet

- Double-height combination cabinet casings are constructed of $^{11}/_{16}$" thermally fused melamine.

- The combination cabinet is available with an option for a lateral file bottom with double doors above 30" high, a lateral file bottom with combination file top or a combination cabinet bottom, with double door cabinet above 30" high. Cabinets with double-doors above 30" high are available with laminate or frosted acrylic doors.

- Cabinets are available 36" wide, 66" high and 21" deep. Cabinets with a lateral file and double-door combination are available in 30" or 36" widths.

- Units with double doors come equipped with 2 shelves as a standard.

Laminate, Vinyl and Metal Handle Finishes for Filing and Cabinetry

- Filing and cabinetry are available in 24 laminate finishes. Drawer handles are available in six decorative options and six metal finishes. Cabinets are finished with a combination of laminate and 2-mm vinyl edge banding. Vinyl is available in 24 standard colors.

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- Vinyl edge banding is available in wood grain finishes to match standard laminates.
- Doors and drawer fronts may be specified with a different laminate than the file or cabinet casing.
- COM laminates are also available upon request.

Organizing Tools

- A variety of paper flow accessories can be hung from equipment support tiles without the use of tools. They are adjustable up or down in 1" increments without the use of tools.

Modular Electrical Distribution System

- Where indicated on drawings, frames can house two modular eight-wire four-circuit and four 20-amp circuit electrical distribution systems. Two circuits have the capacity to be completely isolated. Baseline simplex receptacles are modular and can be installed without the use of tools. All receptacles will be factory-designated to identify which circuit they supply and can be located both at baseline and worksurface level.
- A modular power entry block is available to energize the system. It has a six-foot long wire whip for the general contractor or owner's electrical contractor to connect into the building power supply. The entire electrical system is UL-listed and CSA-certified.

Wire Management

- Data telecommunications cabling and electrical distribution systems are accessible at both baseline and worksurface levels.
- Baseline wire-management side covers are securely hinged for easy access to cables and electrical; these covers include electrical receptacles and cable access.

Power Poles

- Power poles separate electrical wiring from data telecommunication cables and can accommodate a factory-installed electrical harness for four 20-amp circuits.

- Power poles can supply power at a two-way/90-degree connector, a three-way T- connector and a four-way/90-degree connector.

Miscellaneous

- Metal wall-mount brackets are available in lengths of 24", 30", 36", 42", 48", 54", 60", 66" and 72" to allow for the attachment of overhead storage. Wall mounts are available in nine standard painted finishes.
- Task lights are UL-listed, CSA-certified and available in nominal widths of 24", 36", and 48". They can hang from the bottom side of both open and closed shelving units. They do not require the use of the tools to install and come with a fluorescent lamp, switch, cord and plug.
- Swing arm task lights can be panel-mounted or desk-mounted.

Accessories

- Articulating keyboard trays allow the user to swivel, lift, lower and tilt the keyboard from the horizontal position to a negative angle. Keyboard mouse trays come standard on keyboard trays and can be easily positioned on the left- or right-hand side of the keyboard to accommodate the user.
- Paper-management accessories are laser-cut steel. Accessory bars and accessory tiles are made from extruded aluminum. Paper-management accessories, bars, and tiles are available in a choice of nine powder-coat finishes.
- Under-desk and mobile CPU holders are available.
- Coat hooks are available in nine finishes to match the metal trim and accessories on panels. A two-prong coat hook can be attached directly to the panel at any height.
- Nameplates are created out of laser-cut steel and are available in nine finishes to complement any workstation.
- Mold-injected pencil drawers are 21" wide by 16" deep and are available in black.

Test Results

- Panel System Test: ANSI-BIFMA x 5.6-2003

- Flammability for Panel System: ASTM E84-01

- Desk/Table Product Test: ANSI-BIFMA x 5.5-1998

- Storage Test: ANSI-BIFMA x 5.2-1997

- CAN/CSA C 22.2 No. 203-M91 and Equivalent

- Electrical Safety: Part of UL Standard 1286-1999

- Sitting (Pedestal with cushion) California Technical Bulletin 117, Part I and II

- Acoustical Panel Performance: ASTM E-90 and E413-87
    - STC (Sound Transmission Class): 29
    - NRC (Noise Reduction Coefficient): 0.65
    - SAA (Sound Absorption Average): 0.65

- Canadian Government Standards

- Panel System Test: CAN/CGSB-44.229

- Furniture Environmental Test for Emission Limits of Office Furniture, State of Washington: ASTM D 5116

Certifications

- Cosmopolitan is GREENGUARD Certified for indoor air quality and meets the emission level requirements of LEED Credit 4.5 and the BIFMA x7.1-2006 Conformance Standards (7).