DESIGNER 2.0 SPECIFICATION

Designer 2.0 is a refined and versatile mobile cabinet line that is perfect for general classrooms or specialty spaces. The broad offering not only provides flexible storage space, but also effectively divides classroom space with multiple height units. This cabinet line features particleboard construction with back options of laminate, magnetic pegboard, or magnetic markerboard and shelf options of laminate or metal. Like other Fleetwood products, all units are Michigan-made with no exposed visible edges. Units ship fully assembled for quick installation and are backed with our limited lifetime warranty.

Types of storage units:

- Rectilinear open and doored shelving, single and double side access
- Rectilinear doored shelving with bottom drawers
- Curved (Arc) open shelving, single and double side access
- Cubby open storage, single and double side access
- 3D printer cart
- Project cart
- Floor cushion storage
- Double sided markerboard cabinet with cushion storage
- Double sided markerboard cabinet with tray storage
- Monitor cart
- Drawer storage
- Tray open and doored storage
- Wardrobes with shelves and/or drawers
- Lockers

Dimension logic:

- Product designed on 6” width module. Unit widths are 30”, 36”, 42”, 48”, and 60”. Floor Cushion storage is 32.5” wide.
- Product designed on of 24”, 29”, 37”, 44”, and 68” height logic. Platform height logic aligns with Illusions 2.0 platform and Fleetwood table heights.
- Product designed at 20” deep (20.08”), except for 5 drawer storage which is 27” deep (27.08”)
- Product width and height dimensioning is nominal.

Standard features:

- .75” thick 45lb. density particleboard substrate with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides of all horizontal and vertical outer and internal panels and shelves, except bottom panels. Bottom panels and top are constructed of 1” thick 45lb particleboard.

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- Particleboard worksurfaces (44” high and below) have 1” thick 45lb. density particleboard substrate and feature balanced construction with high pressure laminate (HPL) on top and .028” cabinet liner backer on bottom of worksurface. In addition to standard HPL, markerboard HPL or custom HPLs are available.
- Particleboard tops (68” high and above) have 1” thick 45lb. density particleboard substrate and feature balanced construction with a balanced construction of color-matched, thermally fused laminate (TFL) on both sides.
- Permanently attached 3mm edgeband (on the worksurfaces and tops) and 1mm (on all other panels) color-matched or coordinating PVC edgeband with ergonomic 1/8” radiused top edge bonded with hot-melt adhesive and trimmed flush on top, bottom, and sides of all visible portions of cabinets to create pry-proof edges and structural integrity. Contrasting edgeband available on worksurfaces.
- In addition to standard TFL back panels, magnet-accepting steel pegboard or magnet-accepting steel whiteboard backs available. Pegboard accepts off-the-shelf pegboard hardware.
- Cabinets are constructed using 8mm wood dowels for alignment and strength, and mechanical CAM locks for attachment. CAM lock system consists of 10mm steel and plastic mechanical dowels and 15mm zinc cam locks. #8 and #10 sized screws are used for partition and angle iron attachment.
- Cabinets that are 20” deep will have counter-balance weights to prevent tipping.
- Structural .75” x.75” metal front reveal integrated to control deflection as needed on tops and shelving. The painted reveal also provides a unifying aesthetic detail.
- Plate-mounted casters secured to cabinets with 5/16-1” hex head lag bolts.
- Plate-mounted 100mm diameter casters with twin-wheel swivel with non-marking thermoplastic elastomer tread for quiet use on hard or carpeted flooring. Nylon casters were tested to hold 225 pounds and roll over uneven surfaces.
- .75” thick particleboard or 20-gauge cold rolled steel shelving supported by steel brackets and plastic retainers so shelving cannot be accidentally dislodged.
- Shelf placement holes on 32mm increments to allow for shelf repositioning in field.
- Gratnells brand insertable tray storage units with interchangeable, durable plastic trays in 3”, 6” and 12” heights and are 12-1/2” wide and 17” deep. Tray color is translucent. When not in the unit, trays may be nested or stacked.
- 20-gauge cold-rolled steel drawer construction on box and file drawers mounted to 16-gauge, non-binding full-extension drawer slides on both box and file drawers. Drawers finished with electrostatically applied powder coating.
- Hinges are European style with 120-degree swing and soft close feature.
- Individual drawer and door cylinder-type locking mechanisms on closed storage units keyed alike within the cabinet.
- Door and drawer pulls are ADA compliant arch-shaped pulls that are 128mm on-center, 148mm in length with 30mm projection. Optional pulls, Urban or Metro are 128mm on-center, 138mm in length with 25mm projection.
- 100% factory-assembled storage. Units can be rolled into place with no assembly required in the field for quick and easy installation.

Optional features:

- Plastic tray combination options (3”, 6” and 12” high) on all units with tray storage. Tray lids available.
- Additional shelves available on request

Surface materials palette:

- Thermally Fused Laminate (TFL) is available in woodgrains, solids, or patterns. 41 standard options with coordinating edgeband color.
- High Pressure Laminate (HPL) is available in woodgrains, solids, or patterns. 41 standard options with coordinating or contrasting edgeband colors. Wilsonart laminates also available as a graded-in custom material.
- Paint is available in 4 standard options
- Custom TFL and HPL (worksurfaces only) through specials request process with coordinating 3mm vinyl edgeband.
- Buying relationships established with Wilsonart, Formica, Nevamar, Pionite/Panolam, and other suppliers.

Overall:

- Cloth blanket wrapped and carton packaging options are available. If cartoned, skids are made from recycled materials.

Warranty highlights:

- Fleetwood brand products carry a limited lifetime warranty, where products are warranted to be free of defects in materials and workmanship for the life of the product.
- Normal wear-and-tear is not covered under the warranty. Unauthorized alterations, improper maintenance, or abuse nulls warranty.
- Fleetwood will repair or replace free-of-charge any component that fails under normal use or provide refund or credit.
- Laminates, casters, levelers, and flip-and-nest mechanisms have a 12-year warranty.
- Some products have limited life coverage of 3 or 5 years. See full warranty statement for details.
- Consumables, natural variations in product, and select non-standard products not covered under limited lifetime warranty.
- See full warranty statement for details.

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