



**MONTEL®**  
The Intelligent Use of Space

## SmartShelf

(US Patent No.: 6,814,245)

**Think Outside the Box!**

### A FLEXIBLE AND INNOVATIVE HYBRID 4-POST SHELVING SYSTEM

Archive boxes, files, clothes, shoes, trophies, hardware... *You can store anything with SmartShelf!* This new revolutionary shelving system was designed to be easily configured and reconfigured according to the sizes and weights of your current and future storing needs. *The only good solution is one that can evolve!* Its versatility makes the SmartShelf the most adaptable high-density storage system ever offered, providing significant savings today, as well as peace of mind for your current and future needs. With its wide variety of accessories, practically any object can be safely and efficiently stored, while optimizing your available space. This hybrid shelving system provides more storage capacity than any other system. *Store more in less space!*



### APPLICATIONS

Banks - Offices  
Medical Clinics  
Retail Stores  
Automobile Dealers  
Schools - Warehouses  
Government Buildings  
Hospitals - Museums  
Residences - Etc.

***Ideal for mobile storage systems!***

# Adaptable and flexible

Montel has designed the most versatile storage shelving system on the market. You can reconfigure it any time according to your changing storage needs and available space. This also enables you to anticipate your potential storage needs.

**Shelves are adjustable by 1" increments with hooks for lighter objects, or by 1 1/2" increments with supports for heavier objects.**

- Adjustments for storing objects of various heights. Offers more adjustability and optimizes the space between each level of shelving.
- Hooks and supports can be used in the same section.

## Closed Posts

- May be reused with shelves of different lengths or widths.
- Designed to accommodate hooks and supports.
- Neat finish since no holes are exposed on the front side of the posts.
- Non-welded mechanical structure evolves with your future and changing storage needs (no need to purchase new posts if future objects to be stored change dimensions).

# Innovative

SmartShelf is the only storage system that can be configured as a full-depth or back-to-back system, or a combination of both.

## Full-Depth Shelves

- For storing large objects of various lengths.

## Back-to-Back Shelves

- The shelf system can be independently adjustable on both sides for many storage possibilities.
- Easy to assemble and reconfigure.

# Optimization

Our continuous quest for space optimization has led us to develop SmartShelf, a shelving system that exceeds industry standards.

## Additional linear storage capacity of 3/4" per shelf

- Provides more storage space than any other system since the Montel post is thinner while being more rigid (16-gauge).

## Available in 39 3/8" wide sections

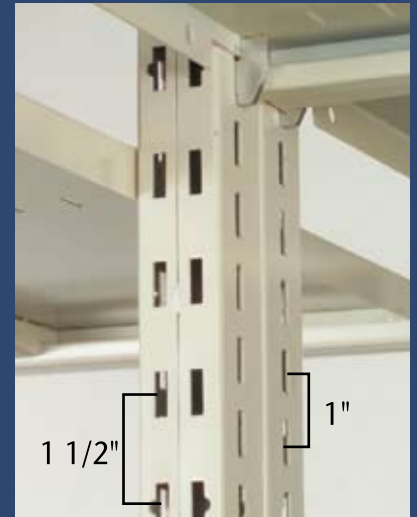
- For storing three archival/bankers boxes (max 12 1/2" wide each).
- Provides much greater overall capacity than any other archive system.

# Easy to Install

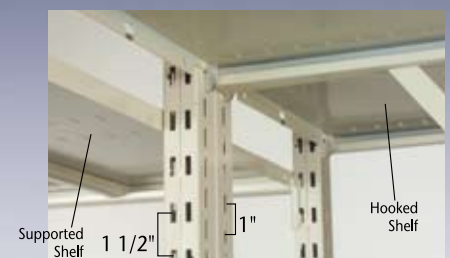
SmartShelf is very easy to assemble, mostly when using hooks. No tools are required to install, remove or reconfigure the shelves. In addition, the full-depth double-side shelves can be put in or taken out without moving or taking off the shelves above or below since the posts are not cumbersome (slide-in, slide-out concept). Adjustable leveling feet are supplied for more stability for uneven floor surfaces.

# Aesthetic

No rivets, screws or bolts are used. The shelves, center stops and back stops fit snugly to the posts, providing a neat and attractive finish. A wide variety of colors is available.



Two technologies in a single post-frame



# Characteristics and Advantages

## Shelves

- The 3/4" shelves are made of 20 or 18-gauge steel.
- The 1" shelves are made of 18-gauge steel.
- The shelves have four roll-formed folds.  
*The fourth fold reduces the risk of injury, protects documents or objects, and makes the shelves sturdier.*
- The shelves may be perforated to insert dividers.  
*Flexibility for positioning.*

## Longitudinal Supports

- These supports are available in 3/4" or 1 1/4", according to the application and required load. They are made of 12-gauge steel.  
*Safely support the shelves and allow for the addition of shelf reinforcement.*  
*Increase rigidity.*

## Shelf Reinforcement

- The shelf reinforcement are inserted in the longitudinal supports. The number of supports depends on the width of the shelves and the weight of the items to be stored.

## Upright Frames

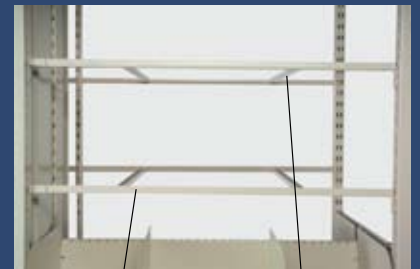
- The posts are joined by 2 (or more if required) upright tie-bars to form a rectangular frame.
- Adaptable for seismic zones.
- Welded upright frames are also available.

## Upright Tie-Bars

- The upright tie-bars are made of 16-gauge steel.  
*Ensure solidity and rigidity.*

## Posts

- Posts are perforated:  
Provides more clear storage space  
Every 1" on the sides to accommodate **back-to-back shelf** hooks.  
Every 1 1/2" at the back to accommodate **full-depth shelf** supports.
- The posts are made of 16-gauge steel and form a 1 1/4" x 1 1/2" closed tube.  
*Provides more clear storage space.*  
*Increases rigidity.*  
*Protects books, documents or objects, as no holes or steel edges can damage them.*



Longitudinal Support Shelf Reinforcement



Longitudinal Support Shelf Reinforcement



Closed Tube Upright Tie-Bar

## Standard Sizes

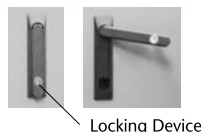
Shelf Depth											
Back-to-Back	8"	9"	10"	12"	13"	15"	16"	18"	24"	30"	36"
Full-Depth	16"	18"	20"	24"	26"	30"	32"	36"			
Width	30"	36"	39 3/8"	42"	48"						
Height	76"	85"	88"	97"							



SmartShelf provides unlimited possibilities for maximizing your space!



- |                           |                                       |
|---------------------------|---------------------------------------|
| 1. Top Shelf / Canopy Top | 12. Front Base (1 1/2" or 3" high)    |
| 2. Upright Tie-Bar        | 13. Sliding Reference Shelf           |
| 3. Back Stop              | 14. Retractable Door                  |
| 4. Upright Frame          | 15. Levelers                          |
| 5. Closure Panel          | 16. End Panel                         |
| 6. Full-Depth Shelf       | 17. Sliding frame for suspended files |
| 7. Back-to-Back Shelf     | 18. Sliding Drawer                    |
| 8. End divider            | 19. Multifunctional Drawer            |
| 9. Adjustable divider     | 20. Rolling Shutters Doors            |
| 10. Center Stop           | 21. Doors with lock                   |
| 11. Base shelf            |                                       |



Locking Device

## Other accessories

- Sway Brace
- Hanging Bar (garment)
- Hinged Periodical Display
- Back Panel
- Door with lock
- Sliding keyboard shelf
- Adapter for golf bags, skis, snowboards
- Hooks
- Textile roll holder
- Sliding Slotted drawer (closed)
- Single tray sliding drawer for stationery, pencils, CD's, DVD's, VHS, etc. (optional magnetic dividers available)
- Suspension frame for "oblique" files
- Shelf with integrated back
- Tier for pocket books
- Card holder
- Range Finder
- Shelf Front Lip
- Etc.



Media Pull-Out Drawer

SmartShelf is designed for fixed or mobile applications and can be integrated into the following mobile systems:

QuadraMobile

Wired  
Electrical Systems

Mobilex  
Mechanical Systems

Quadral



For more information, ask for these brochures.



**MONTEL®**  
The Intelligent Use of Space

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1924

ISO  
9001:2000

**HIPAA**  
Compliant



\* Available on  contract

