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XK



it is about what you want in life....





**XK** by Kenny Hong

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Office furniture is no longer just about space, storage or structure. It is about you!

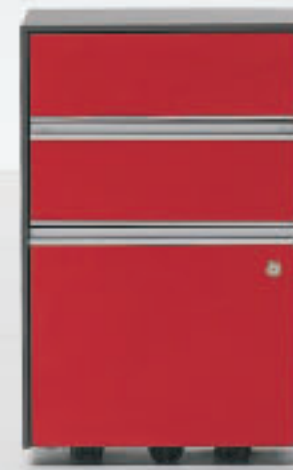
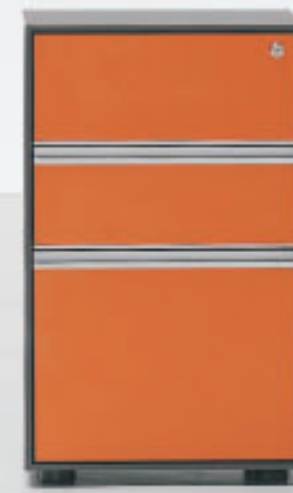
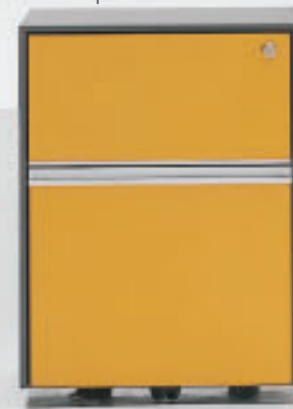
You are an individual, you are unique, you are the only one of your kind in this world. The XK is about meeting your needs. Every item of the XK range has passed BIFMA International Standards (Business & Institutional Furniture Manufacturers' Association). The XK is manufactured in wood and uses the folding carcass technology which improves strength, stability and durability. Creating clean lines with careful attention to details, the range features anti-tilt and soft-closing mechanism for the drawers. Superior standard and craftsmanship ensure that you are choosing a first class product of an unmatched design.

The distinctive clean lines of the XK, with its expansive range in trend-setting colours will certainly set your office apart.

## Compatibility

Pedestals are about compatibility. The drawer heights, of 6" and 12", mix and match easily. Manufactured using the folding carcass technology, the wooden pedestals have a contemporary look with clean lines. With its strong colours and distinctive silhouettes, the XK pedestal range is perfect as a stand-alone. Also, it merges well with any classic range as an add-on to complement and optimise the workspace.

XK mobile pedestal can withstand up to 20,000 cyclic loading of 91kg - BIFMA International X5.9.7.1: Top Load Ease Test.



# Personal space

Pedestals are more than just creating extra spaces. They enhance the aesthetics and functions of users' workplace. Choose from a range of mobile and fixed pedestals. For fixed pedestals, they can be attached to the X3 panels and other systems.



1  
XK mobile pedestal can endure 2500 cycles of to and fro motion over two obstacles, ensuring its castors can withstand fatigue, stress and wear caused by movement - BIFMA International X5.9.11 Movement Durability Test for Mobile Storage Units.



2  
3  
1. Stationery tray is available. In addition, there is adequate space for files, notes, books and personal belongings.

2. By adding the optional swing arm, the pedestal becomes versatile and mobile.

3. Pedestal runners have the latest soft-closing mechanism. Adjustable lateral file rails for A4 or Foolsap size suspension files are provided.



## Soft closing

The XK pedestals come equipped with soft-closing metal drawers. This prevents slamming of the drawers during closing. The smooth-closing, ball-bearing runners, while supporting loads, can take 50,000 cycles of opening and closing - BIFMA International X5.9.15.2.1: Cycle Tests for Extendible Elements Deeper Than Wide. The drawer's patented soft-closing mechanism activates when 40mm from closed position. Hence regardless if slammed or closed gently, the XK metal drawers guarantee a smooth closing.

Choose metal drawers with soft-closing feature or the basic wooden version.

XK pedestal drawers, while supporting loads, remain locked when an outward force of 222N is applied - BIFMA International X5.9.14.2: Force Test for Extendible Element Locks.

XK pedestal drawers' out stop can withstand 15,000 cycles of pullout forces while the drawers are holding loads - BIFMA International X5.9.13: Out Stop Test.





# Sleek, clean, appealing

The colours of XK range cabinets stand out and enliven your workplace.

It is our assurance that the lateral file cabinets are manufactured from sophisticated machines using the finest materials.

The XK lateral file cabinet has been accredited with BIFMA International Standards in 10 categories: Retention, Stability, Rebound, Out Stop, Lock, Extendible Member Cycle, Interlocking, Strength, Racking Resistance and Pull Force. It is an assurance of quality for any discerning buyer.





## Organise yourself

Lateral file cabinets are about organising your work, your space, yourself.

# Seamless style

Seamless in style, the well-hidden handles create a simple elegant look. XK range complements the X1 system perfectly.

Use the lateral file cabinets for various purposes by working with four different heights – 710mm, 730mm, 1162mm and 1560mm. Lean it against the wall for maximum space utilisation or place it in the middle as a divider for greater privacy. Our unique colours change the look from warm and inviting to vibrant and energetic in an inexpensive way.



XK lateral file drawers stay in position when a vertical upward force of 67N is applied, ensuring drawer retention for your safety - BIFMA International X5.2.4: Retention Test.

XK lateral file remain stable when two drawers holding loads are opened to their fullest extension - BIFMA International X5.2.5: Stability Test.



1



2

1. The top-shelf door opens upwards for easy access and retrieval. It can store box files and other items.
2. Drawers can hold two sizes of lateral files, A4 and foolscap.

XK lateral file drawers can withstand more than 75,000 cycles of opening and closing while holding loads - BIFMA International X5.2.9: Extendible Member Cycle Test.

All XK lateral file drawers have built-in interlock mechanism, which can withstand a horizontal force of 133N - BIFMA International X5.2.10: Interlock Test.



# Simple yet indispensable

XK open shelves come in white, grey or graphite grey. Classic and timeless, it blends perfectly into the environment.



## Part of the plan

Create extra space elegantly. Place XK open shelves together with X1 tables. Level the surface heights by adjusting the XK foot glides.



## Discreet

The XK swing door cabinets are fitted with anti-slam mechanism and can blend in discreetly with any office system. Use different colour tones to create themes in your workspace.

Vertical hinged doors can withstand 30kg while closing and opening – BIFMA International X5.9.17.2: Strength Test for Vertically Hinged Doors.

The swing doors remain in position when a force of 222N is applied – BIFMA International X5.9.14.3: Force Test for Door Locks.

# Visible

Clearly visible with strong silhouettes, choose a natural colour or a brilliant mixture to make a statement.

The XK swing door cabinet can withstand an impact force – BIFMA International X5.9.10: Storage Units Drop Test.





1



2

1. Filling frames create and organise space in a novel way. Alternatively, opt out of this and have a large open shelf to allow for box files and magazine holders.
2. Organise the shelf space with hooks.
3. Partition a large shelf into practical spaces in locker style sections.
4. The soft-closing feature accredited with BIFMA International X5.9.17.11 Slam Closed Test for Vertically Hinged Doors assures durability and quality.
5. Passing the BIFMA International X5.9.17.6 Wear and Fatigue Tests for Hinged Doors, the swing doors can withstand at least 20,000 open and close cycles.



4



3

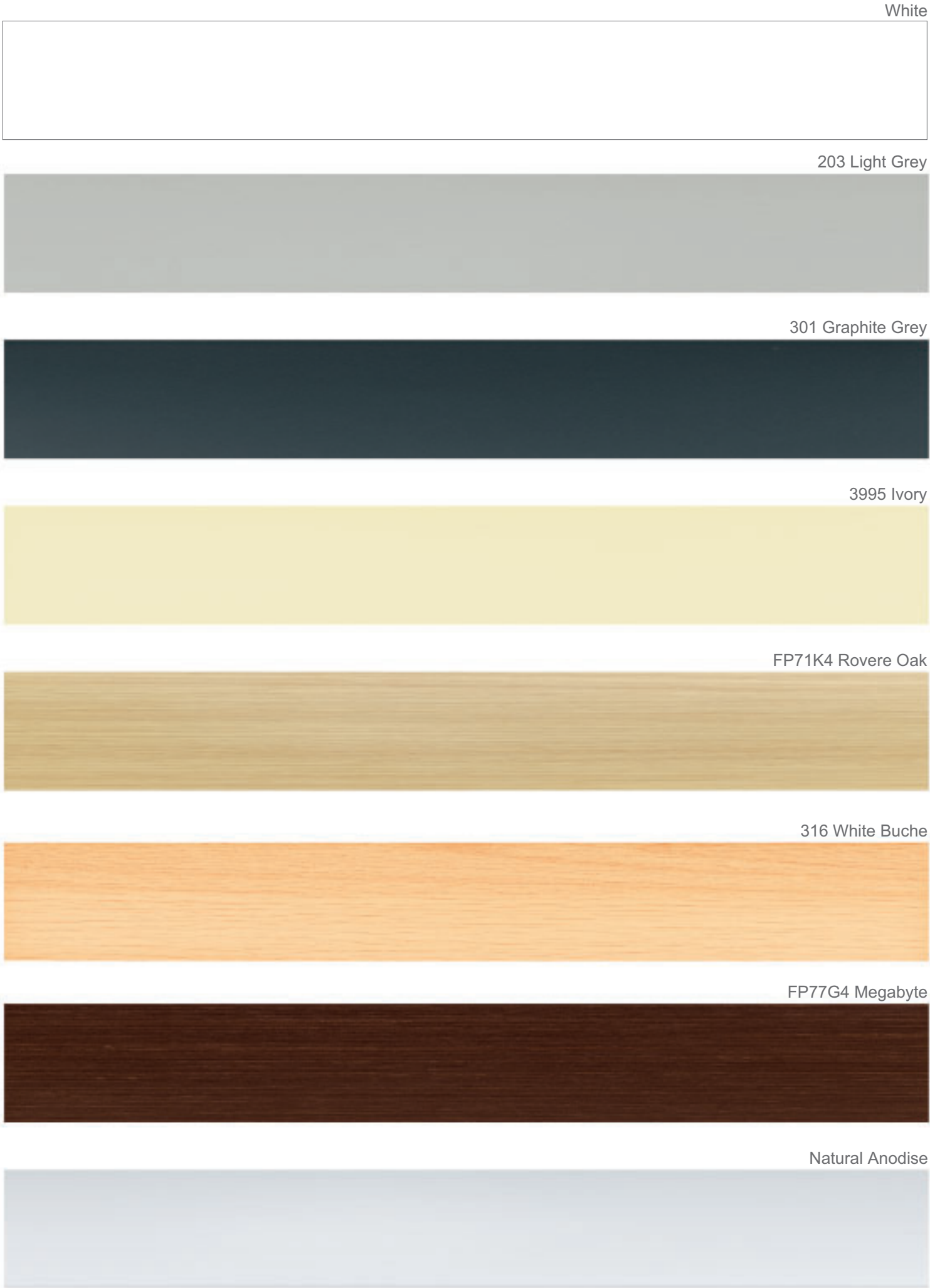
23 pedestal ☐ lateral file ☐ open shelf ☐ swing door ☒



5

24

Finishes  
Technical Specifications  
Product Codes  
Certifications



# Technical Specifications

**Storages** are made using 18mm thick melamine-faced chipboard, folding carcass technology and KD fittings.

The **A4/Foolscap filing drawers** have full-extension, ball-bearing slides. Optional **soft-closing feature** for all pedestals is available.

**Mobile Pedestals** have anti-tilt casters. All storages have quality German locks with removable inner-cylinders. These locks are master-keyed up to 2000 different combinations.

**Melamine Faced Chipboard** is 18mm thick European E1 grade melamine-faced particle board with impact resistant 2mm PVC edging. Finishes are scratch and abrasion resistant and at a minimum density of 620 kg/mc ± 5%.

**Membrane Pressed Board** is 18mm thick European E2 grade medium density fibreboard. Finishes are 0.4mm-thick thermofoil sheet; resistant to light, staining, shock and scratch as per BS6250 requirement.

**Fabric Board** is covered with fire-resistance fabric, according to BS476 part 7 class 1 standard.

**Aluminium Handles** are extruded from grade 6063 alloy, strengthened with T5 treatment. Surfaces are treated with 10 microns-thick corrosion-resistant, anodising layer.

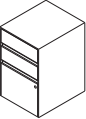
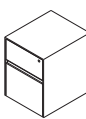
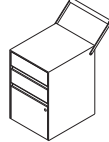
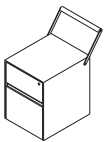
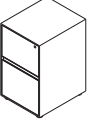

The **XK folding carcass** is manufactured from a fully-automated production line. During the manufacturing process, the carcass is automatically transferred on roller tracks between different machines. These CNC machines allow for flexible small batch production at a high-level of efficiency, minimising operators needed. Thus this ensures the production of XK carcasses to be of the **highest quality and accuracy**.

**Advantages** of 45° mitre joints on the folding carcass:

- **High level of precision** as the carcass is a single component
- **Easy to assemble** as there is no need for knock-down fittings
- **Tolerance-free** as the side panels are flushed with the top and bottom panels
- **66% stronger** than conventional dowelled carcass
- **More resistance to steam and moisture** as the joints are sealed
- **Warping is minimized** due to the strengthened carcass
- **Aesthetically pleasing** as there are no visible break lines

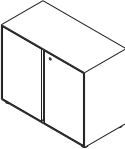
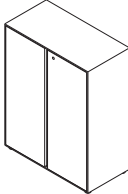
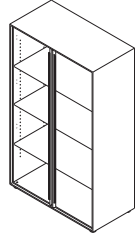
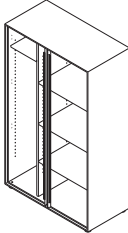
# Product Codes

## Mobile Pedestal \*\* pedestals without soft closing metal drawers

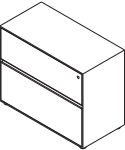
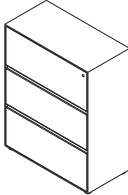
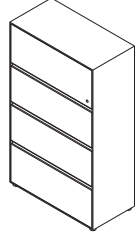
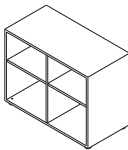
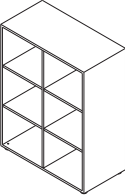
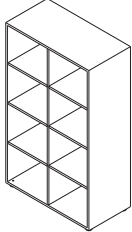
					
XK-FMP-4612 W420 X D500 X H666	XK-FMP-612 W420 X D500 X H570	XK-FMPHD-4612 W420 X D500 X H666	XK-FMPHD-612 W420 X D500 X H570	XK-FPDH-1212 W420 X D500 X H700	XK-FPDH-6612 W420 X D500 X H700
**XK-FMPW-4612 W420 X D500 X H666	**XK-FMPW-612 W420 X D500 X H570	**XK-FMPHDW-4612 W420 X D500 X H666	**XK-FMPHDW-612 W420 X D500 X H570	**XK-FPDHW-1212 W420 X D500 X H700	**XK-FPDHW-6612 W420 X D500 X H700

## Fixed Pedestal

## Swing Door Cabinet

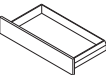
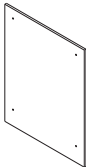
			
XK-FCD2-7107 W750 X D450 X H700	XK-FCD2-1107 W750 X D450 X H1162	XK-FCD2-1507 W750 X D450 X H1560	XK-FCD2CH-1507 W750 X D450 X H1560
XK-FCD2-7109 W900 X D450 X H700	XK-FCD2-1109 W900 X D450 X H1162	XK-FCD2-1509 W900 X D450 X H1560	XK-FCD2CH-1509 W900 X D450 X H1560
XK-FCD2-7307 W750 X D450 X H730			
XK-FCD2-7309 W900 X D450 X H730			

## Lateral File Cabinet

					
XK-FCL2-7107 W750 X D450 X H700	XK-FCL3-1107 W750 X D450 X H1162	XK-FCL3F-1507 W750 X D450 X H1560	XK-FCOF-7107 W750 X D450 X H700	XK-FCOF-1107 W750 X D450 X H1162	XK-FCOF-1507 W750 X D450 X H1560
XK-FCL2-7109 W900 X D450 X H700	XK-FCL3-1109 W900 X D450 X H1162	XK-FCL3F-1509 W900 X D450 X H1560	XK-FCOF-7109 W900 X D450 X H700	XK-FCOF-1109 W900 X D450 X H1162	XK-FCOF-1509 W900 X D450 X H1560
XK-FCL2-7307 W750 X D450 X H730			XK-FCOF-7307 W750 X D450 X H730		
XK-FCL2-7309 W900 X D450 X H730			XK-FCOF-7309 W900 X D450 X H730		

## Open Shelf Cabinet

## Accessories (\*) - add (F) fabric, (FT) fabric tackable, (L) laminate, (ML) melamine

		
XK-FLDWR-07 FOR 750 WIDTH	XK-BKP-7307 (*) W710 X D20 X H665	XK-BKP-1109 (*) W860 X D20 X H1097
XK-FLDWR-09 FOR 900 WIDTH	XK-BKP-7309 (*) W860 X D20 X H665	XK-BKP-1507 (*) W710 X D20 X H1495
	XK-BKP-1107 (*) W710 X D20 X H1097	XK-BKP-1509 (*) W860 X D20 X H1495

# Certifications

BIFMA International was established in 1973 by trade associations of furniture manufacturers and suppliers serving the North American markets. The **BIFMA International Standards** provide a common basis for evaluating safety, durability and structural adequacy of the specific furniture, independent of the construction materials.

The standards are sets of rigorous testing that involves defining tests, laboratory equipment needed, conditions of the tests and minimum acceptance level. Covering a wide range of furniture, the tests measures static load, stability, extendible runner cycle, drop, force, wear, fatigue and strength.

The BIFMA International standard guarantees quality and consistency.

## ANSI/BIFMA X5.2: 3-Tier Drawer Lateral File Test

**X5.2.4 Retention Test** - To ensure that drawers cannot accidentally disengaged when an upward force is applied to the bottom edge of the drawer.

**X5.2.5 Stability Test** - To evaluate the stability of the lateral file cabinet.

**X5.2.6 Rebound Test** - To ensure that the drawers do not rebound more than 34mm from its closed position.

**X5.2.7 Out Stop Test** - To evaluate the ability of the drawer runners to withstand excessive pullout forces. (15,000 cycles at a rate of 10 +/-2 cycles/min)

**X5.2.8 Lock Test** - To evaluate the ability of the lock to keep the drawers in place while the lateral file cabinet is being moved and to provide a nominal amount of security for the contents of the cabinet.

**X5.2.9 Extendible Member Cycle Test** - To ensure that the runners are capable of supporting typical loads while the drawers is being opened and closed. (75,000 cycles)

**X5.2.10 Interlock Test** - To evaluate the interlock system, i.e. when one drawer is open the remaining drawers should not bypass the interlock system.

**X5.2.13 Strength Test** - To evaluate the ability of the cabinet to support loads.

**X5.2.14 Racking Resistance Test** - To evaluate the ability of the cabinet to be moved without loss of serviceability.

**X5.2.15 Pull Force Test** - To ensure that the force required to open the drawers is within the acceptance level.



Specification subject to change without notice.

## ANSI/BIFMA X5.9: Swing Door Cabinet and Mobile Pedestal Test

**X5.9.4 Strength Test** - To evaluate the ability of the cabinet to support loads.

**X5.9.6 Racking Resistance Test** - To evaluate the ability of the cabinet to be moved without loss of serviceability.

**X5.9.7.1 Top Load Ease** - To evaluate the durability of the cabinet and pedestal to withstand cyclic loading from the top. (20,000 cycles)

**X5.9.9.2 Horizontal Force Stability Test** (Swing Door Cabinet) - To evaluate the stability of the cabinet.

**X5.9.9.5 Stability Test** (Pedestal) - To evaluate the stability of the pedestal.

**X5.9.9.6 Vertical Force Stability** (Swing Door Cabinet) - To evaluate the stability of the cabinet.

**X5.9.10 Storage Unit Drop Test** - To determine the ability of the cabinet to withstand an impact force on the base member.

**X5.9.11 Movement Durability Test** (Mobile Pedestal) - To evaluate the ability of the mobile pedestal and its castors to withstand fatigue, stress and wear caused by movement. (2500 cycles at a rate of 10 +/-2 cycles/min)

**X5.9.12 Rebound Test** - To ensure that the drawers do not rebound more than 34mm from its closed position.

**X5.9.13 Outstop Test** - To evaluate the ability of the drawer runners to withstand excessive pullout forces. (15,000 cycles at a rate of 10 +/-2 cycles/min)

**X5.9.14.2 Force Test for Extendible Element Lock** (Pedestal) - To evaluate the ability of the lock to keep the drawers in place while the pedstal is being moved and to provide a nominal amount of security for the contents of the cabinet.

**X5.9.14.3 Force Test for Door Locks** (Swing Door Cabinet) - To evaluate the ability of the lock to provide a nominal amount of security for the contents of the cabinet.

**X5.9.14.4 Locking Mechanism Cycle Test for All Locks** - To ensure the serviceability of the lock. (5,000 cycles at a rate of 15 +/-5 cycles/min)

**X5.9.15.2.1 Cycle Test for Extendible Deeper than Wide** (Pedestal) - To ensure that the runners are capable of supporting typical loads while the drawers are opened and closed. (50,000 cycles)

**X5.9.16 Interlock Test** - To evaluate the interlock system, i.e. when one drawer is open the remaining drawers should not bypass the interlock system.

**X5.9.17.2 Strength Test** (Swing Door Cabinet) - To evaluate the ability of the swing door to function under a 30 kg load.

**X5.9.17.3 Hinge Override Test (Swing Door Cabinet)** - To ensure that the hinge door is able to function after it is opened more than the stipulated travel length.

**X5.9.17.6 Wear and Fatigue Test** (Swing Door Cabinet) - To evaluate the ability of the swing door to withstand repeated opening and closing motion. (20,000 cycles at a rate of 12 +/-4cycles/min)

**X5.9.17.11 Slam Closed Test** (Swing Door Cabinet) - To ensure the ability of the swing door to function after it has been slam closed.

**X5.9.20 Pull Force Test** - To ensure that the force required to open the drawers is within the acceptance level.