



xLocker2 System

xLocker2 is a unique personal steel storage solution for flexible, agile environments or end-of-journey storage for commuters and mobile workers.

xLocker2 can be customised with a choice of colours and finishes, optional perforations, laminate or veneered doors and various locking systems. Components can be reused and reconfigured to create different layouts. Steel construction brings strength, durability, and design flexibility to provide a scalable future-proof locker system to meet evolving requirements.

Manufacturer	Planex Sales Pty Ltd
Location	Fully manufactured in Hallam, Melbourne
Standard Warranty	Ten years
Sourcing	Locally sourced materials for body (carcass) doors and bases; hardware and fittings from Australia and Europe

Standard Dimensions and Specifications

The information provided below relates to the standard Planex range, non-standard and customised sizes are available upon request

Base Options

Fixed Base

- 100mm H with fixed front and adjustable feet (not suitable for wiring)
- 150mm H and 500mm H have removable front for easy access to wiring and adjustable feet (suitable for wiring)
- 500mm H with fixed cantilevered seating up to 1200 W (suitable for wiring)
- 500mm H base enable separate bench seating in front

Mobile Base

- 137mm H overall consisting of a 47mm steel base with 80mm dia castors (smaller castors not suitable due to weight restrictions)
- Mobile lockers bases 800mm W, 900mm W, 1200mm W and 1500mm W allowing the following locker combinations
2 x 400 W / 3 x 300 W / 3 x 400 W /
5 x 300 W

Body Configuration

- 2000mm H units are designed to sit on a 100mm or 150mm H base
- 1000, 1200 and 1500mm H units are designed to sit on a 100, 150 or 500mm H base
- 1500mm H with the 500mm H plinth enables separate bench seating to be placed in front of the lockers
- Lockers on mobile bases can face the same way or alternate or be haphazard

Tops

- 20mm thick top
- 3mm slim top
- Flox Planter boxes
- Angle top

Materials

- Welded body, bases and doors made of 100% recyclable BlueScope sheet steel (with 24.2% recycled content)
- Metal thickness 0.8mm (doors), 1.0mm (body) and 1.15mm (bases)

Powder coat Colours/Finishes

- Standard powder coats available in 300+ colours/finishes
- Iron phosphate pre-treatment meeting AS2331.31-2001 Method 3.1
- Suitable for interior use only

Door Numbering

- All doors complete with number plate and numbered key fob (when keys are supplied)
- Number plates available for keyless electronic locks, rotary hasps and dial locks
- Designer to specify numbering system to be applied on shop drawings
- Optional Aluminium locker identification plates with optional company logos etched (jobs over 100 lockers no cost)

Locking Systems

- xLocker2 is lock-agnostic and compatible with most locking options and systems. The patented design allows for easy lock cabling for smart locking systems and hardwiring

Lock Options (please refer to Table 1 on pages 4 and 5)

- Latches public
 - Padlocks single user
 - Cam lock single user (master key available)
 - Dial lock single user or public
 - Electronic keypad single user or public
 - RFID battery single user or public
 - RFID hardwired single user or public
 - RFID phone app single user or public
- xLocker2 is compatible with smart locking systems including Gantner, Metra, LoQit, Gallagher, Yellowbox

Perforations (<https://www.planex.com.au/perforation-patterns/>)

- xLocker2 steel doors and end panels can be perforated to create aesthetic interest
- They can be used to match other Planex products
- Create visual variation between work areas or floors
- Standard perforations (Linea, Freefold, Beehive, Slots, Linea Squares, XO, X, Galaxy, Windfarm, Waves)
- Planex has commissioned 2 unique designs from First Nations designer Lucy Simpson titled 'Buunhu' (kangaroo grass) and 'Yuurra-gi' (speaks of movement). These are typically applied across the full width of the locker doors and end panels
- Perforations bring a degree of individuality to the fit-out
- Some perforations when used with Acupanel™ backing provide noise abatement
- Note that noise abatement performance is related to the size and density of the perforations and the absorptive material used. The sound absorbing performance of xLocker2 and Acupanel™ has been independently tested by CSIRO acoustic Laboratory in Melbourne (see **xLocker2 Environmental Features and Certification** below)
- Custom perforations may be developed for architects and designers
- Custom perforations are only limited to tooling availability and quantity required

Wiring for Power

- xLocker2's patented design makes wiring easy
- All xLocker2 are supplied soft-wiring ready and can be cabled with either 240v GPOs or USB ports to provide laptop, tablet or phone charging
- Locker wiring consists of 3 elements:
 - : The double GPO or USB tile inside the locker on the RHS
 - : The soft wiring cables running between the lockers
 - : A 20amp wall (starter) socket on a dedicated circuit [to be wired by a licensed electrician]
- Each wall starter can power 20 lockers
- GPOs are daisy-chained from locker to locker and the position of the starter can be on the wall above or behind the lockers, or under the base
- Note: Wall-starters must be fitted-off prior to locker installation by a licensed electrician

Accessories and Variations Ordered Separately

- Shelves ordered at any time
- Hanging coat-rails can be ordered at any time
- Mail slots need to be ordered when placing order for doors, option of radius corner or mail slot grommet
- Soft-wired GPO's for 240v power to recharge devices need to be ordered with 150mm H bases. Can be retrofitted to existing lockers but require the locker to be dismantled to run cabling
- Doors also available in E0 MDF board (finished in melamine or veneer) or ply

Reconfigure and Reuse

- xLocker2 can be relocated and reconfigured using existing components and/or with additionally purchased components
- xLocker2 banks can be "refreshed" by replacing or refinishing the doors, sides and tops to create a totally new look
- xLocker2 bodies are universal making it possible to replace a single 2000mm H door with 2 x 1000mm H or even 4 x 500mm H doors (requires additional body dividers)
- When located free standing, individual locker bodies can alternate front to back to increase distance between users as a means of providing social distancing

xLocker2 Environmental Features and Certification

- Manufactured for disassembly
- Polymer parts labelled for segregation and sorting
- Manufactured from VOC free materials
- AFRDI-FURNTECH Blue Tick Strengths Durability Fitness for Purpose http://www.furntech.org.au/fs/14000/14700/14778-1_190612_ct.pdf
- AFRDI-FURNTECH Green Tick Sustainable Furniture Standard 150 Platinum Level (GBCA LevelA) http://www.furntech.org.au/fs/15000/15500/15576-2_200702_ctr.pdf
- xLocker2 systems are fully compliant with Green Star requirements for Sustainable Products, having the highest level of certification to maximise contribution to Green Star points
- Sound abatement information <https://www.planex.com.au/technical-briefs/download/technical-brief-002-report-sound-absorption-xlocker2?token=fddb600f798702ccf5e3a79eacf3c992>

Planex Environmental

- Planex factory uses a 100kW roof mounted solar array to provide up to 25% of manufacturing electricity needs
- Production facility certified ISO14001(Environmental) and ISO9001 (Quality)

Designed and IP

- Designed in Australia by PlanexDesign Pty Ltd
- xLocker is a registered trademark of Planex Sales Pty Ltd
- Buunhu, Yuurra-gi and Miimii designs by Gaawaa Miyay
- The xLocker2 design is covered by the following patents:
 - : Australian Patent 2015318815
 - : United States Patent 10,010,170
 - : European Patent 15842971.2

Awards and Certifications

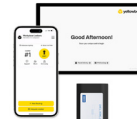
- Australian Design Award 2019
<https://good-design.org/projects/xlocker2/>
- Sydney Design Awards 2017
<https://drivenxdesign.com/SYD17/project.asp?ID=16070>



Table 1

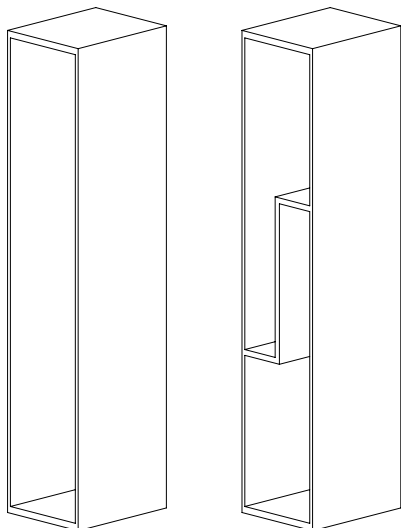
									
Function	Lever Latch	Rotary Hasp (padlock not included)	Lehmann Cam Lock	Lehmann Dial Lock Vertical	Lehmann Dial Lock Horizontal	Lock Focus Apex 3780	Lock Focus Horizon 3950	Lock Focus 3963	Lock Focus L200
Single User / Private	Y	Y	Y	Type 59	Type 59	Y	Y	Y	Y
Multi User / Public	Y			Type 58	Type 58	Y	Y	Y	Y
Combinations			2000	9999	9999				
Scramble Function				Y	Y	N	N	N	N
Electronic						Y	Y	Y	Y
Master Key / Code			Y	Y	Y	Y	Y	Y	Y
Emergency Code						Y	Y	Y	Y
Factory Setting						11335577	11335577	11335577	11111
RFID						N	N	Y	N
Battery Life	N/A	N/A	N/A	N/A	N/A	50,000 cycles	50,000 cycles	50,000 cycles	10,000 cycles
In Use Indicator	N/A	N/A	N/A	N/A	N/A	Y	Y	N	Y
Hardwired	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Countdown Function / Clock Function	N/A	N/A	N/A	N/A	N/A	Y	Y	Y	Y
Networked / Integration									
Auditing									
Access Control Kiosk									
Reader Touch Screen									
Phone App									
Paywave									
Pick-up Delivery Automation									
Building Management System (BMS)									
Bluetooth / Human Interface Device (HID)									
24/7 User Support									
SSO Sign-In									
Set DDA Accessible Lockers						Y	Y	Y	

Table 1 (continued)



Function	Gantner RFID	Gantner GT7 System	Gallagher RFID	Vecos V3 System	Yellowbox Smart Lock	Yellowbox System	Locktech AMS System
Single User / Private	Y	Y	Y	Y	Y	Y	Y
Multi User / Public	Y	Y	Y	Y	Y	Y	Y
Combinations		On screen PIN capable		Y	Y	Y	
Scramble Function						Y	
Electronic	Y	Y	Y	Y	Y	Y	Y
Master Key / Code		Multiple Master Card sets capable		Y	Y	Y	Y
Emergency Code			Y	Y	Y	Y	Y
Factory Setting						Y	Admin
RFID	Y	Y	Y	Y	Y	Y	Y
Battery Life	N/A	N/A	N/A	N/A	2 years	Up to 5yrs N/A for Wired	N/A
In Use Indicator	Y	Y	Y	Y	Y	Y	Y
Hardwired	Y	Y + POE	Y	Y	N/A	Y	Y
Countdown Function / Clock Function	Y	Y	Y	Y	Y	Y	Y
Networked / Integration	Y	Y	Y	Y	Integration	Y	Y
Auditing	Y	Y	Y	Y	Y	Y	Y
Access Control Kiosk	N	Y	Y	Y	N	Y	Y
Reader Touch Screen	N	Y	Y	Y	N	Y	Y
Phone App	Y (optional)	Y		Y	Y	Y and Microsoft Teams	N
Paywave		N		N	Y	In-App	N
Pick-up Delivery Automation		Y		Y	Y	Y	N
Building Management System (BMS)	Y	Y	Y	Y	Y	Y	TBC
Bluetooth / Human Interface Device (HID)	Y	Y	Y	Y	Y	Y	TBC
24/7 User Support		Y		Y	Y	Y	Y
SSO Sign-In		Y		Y	Y	Y	N
Set DDA Accessible Lockers		Y		Y	Y	Y	N

xLocker2 Components



Body

Standard

W 300 . 400

H 800 . 1000 . 1200 . 1500 . 2000

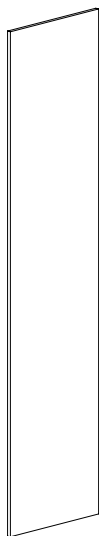
D 500

Step

W 300 . 400

H 1500 . 2000

D 500

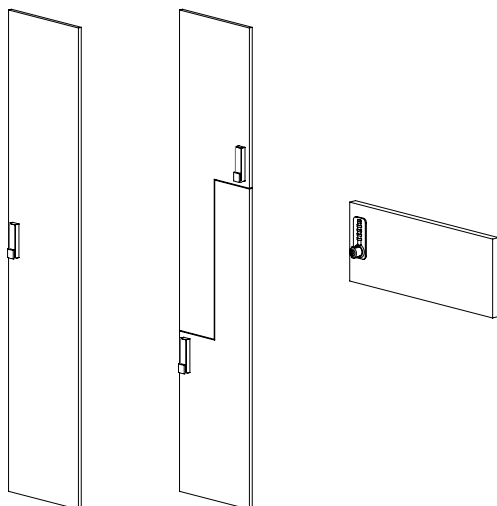


End Panels

W 16

H 800 . 1000 . 1200 . 1500 . 2000

D 500



Doors

Standard

W 300 . 400

H 400 . 500 . 670 . 800 . 1000 . 1500 . 2000

Step

W 300 . 400

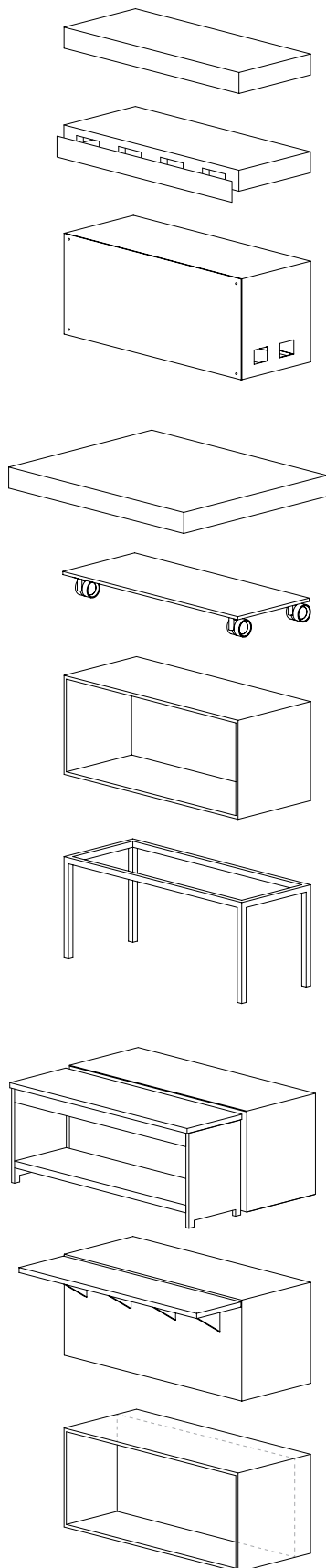
H 1016 . 1333

Slimline Locker

W 300 . 400

H 160

xLocker2 Components



Bases

Standard

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100

H 100

D 460

Electrical [removable front and back panel]

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100

H 150 . 500

D 460

Back to Back

W 600 . 800 . 1200

H 100 [standard] . 150 [electrical]

D 960

Mobile [including 80mm castors]

W 600 . 800 . 900 . 1200 . 1500

H 137

D 500

Open

W 300 . 400 . 600 . 800

H 500

D 460

Tube

W 600 . 800 . 900 . 1200

H 500

D 460

High Base [with separate bench seat]

W 800 . 900 . 1200

H 500

D 460

Cantilever Bench Seating [includes seat]

W 600 . 800 . 900 . 1200

H 500

D 460 + 300 wide seat

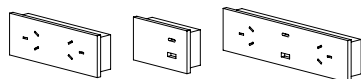
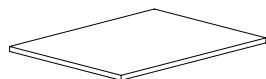
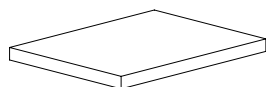
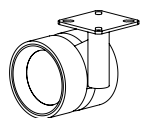
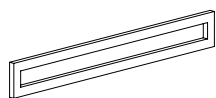
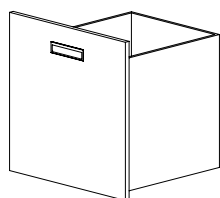
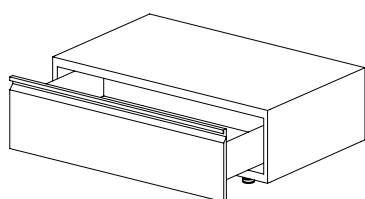
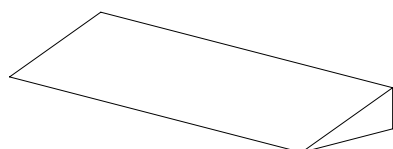
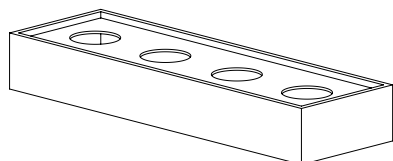
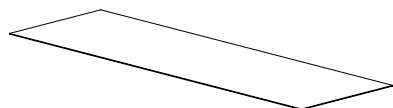
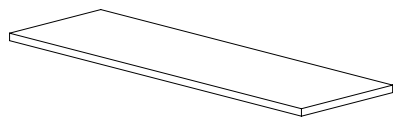
Shoebox

W 600 . 800 . 900 . 1200

H 500

D 460 [350 internal]

xLocker2 Components



Tops

Standard

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100

H 20

D 500

Slim

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100

H 3

D 500

Planter

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100

H 225

D 500

Angled

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100

H 165

D 460

Drawers

Base Drawer

W 400 [338 internal] . 800 [738 internal] . 1200 [1138 internal]

H 250 including feet [118 internal]

D 500 [430 internal]

Locker Body Drawer

W 300 [240 internal] . 400 [340 internal]

H 400 [320 internal] . 500 [420 internal]

D 450 [390 internal]

Mail Slot

W 220

H 15

Castors [Mobile only]

H 80 diameter

Body Divider

W 300 . 400

H 30

D 480

Shelves

W 300 . 400

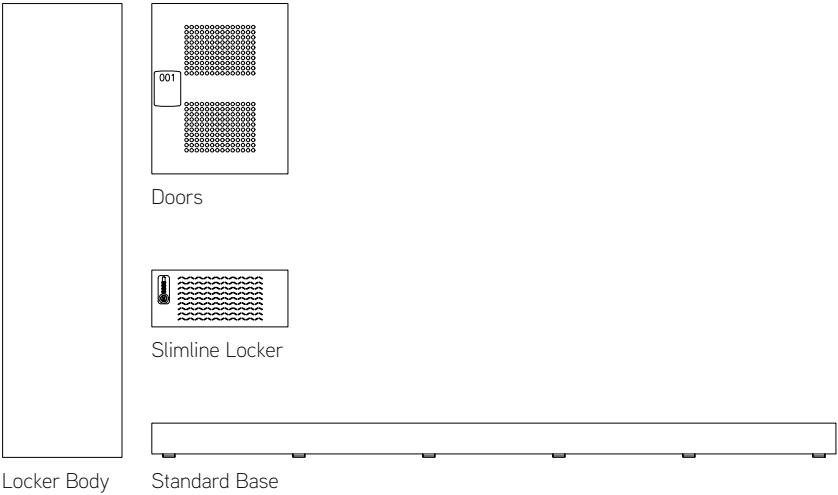
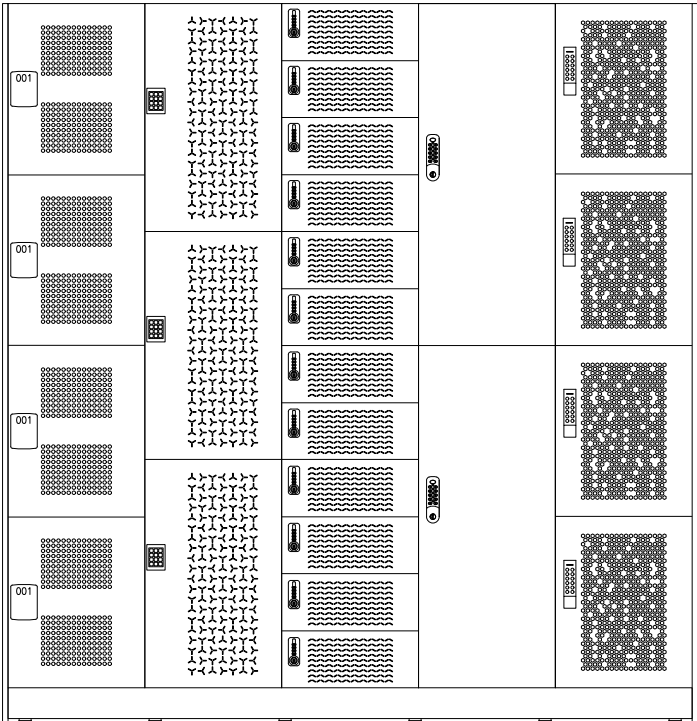
H 10

D 480

Charging

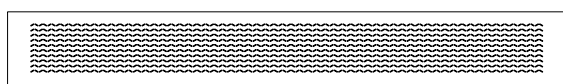
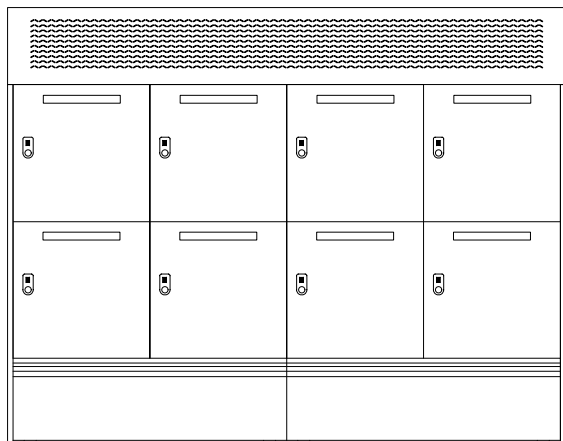
2 GPO . 2 USB . 2 GPO / 2 USB

Examples of xLocker2 Body Configurations

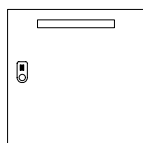


Locker Body	
W	300 . 400
H	800 . 1000 . 1500 . 2000
D	500
Doors	
W	300 . 400
H	500 . 670 . 1000 . 2000
Slimline Locker	
W	300 . 400
H	160
Base	
W	800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100
H	100 [standard] . 150 [electrical] . 500 [high]
D	460

Examples of xLocker2 Body Configurations



Planter



Doors



Base Drawer

Planter

W 800 . 900 . 1200 . 1600

H 225

D 500

Doors

W 300 . 400

H 400 . 500 . 670 . 800 . 1000 . 2000

Mail Slot

W 220

H 15

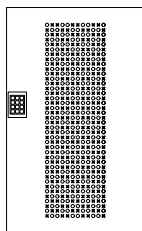
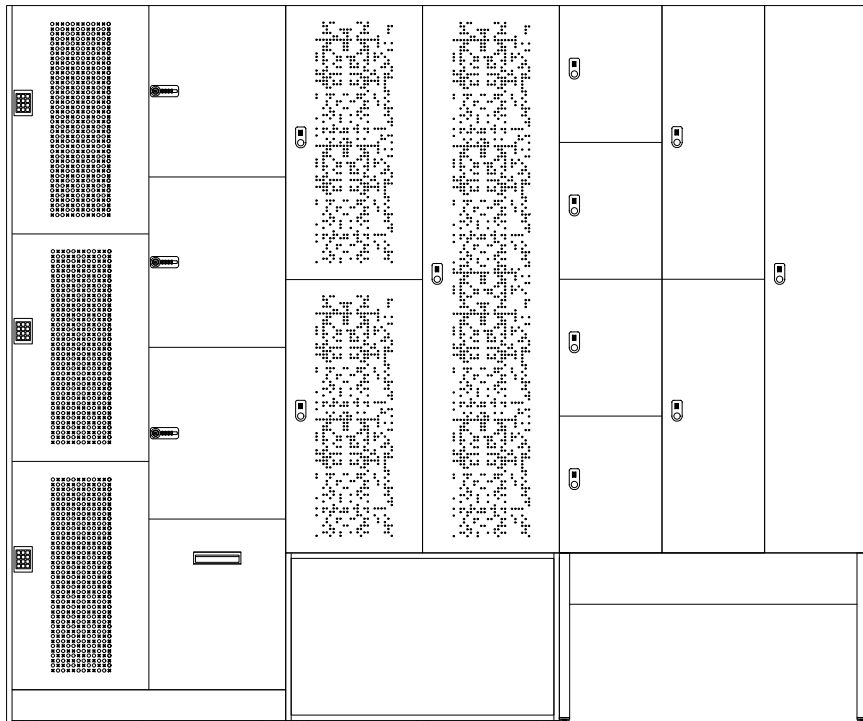
Base Drawer

W 400 . 800 . 1200 . [338 . 738 . 1138 internal]

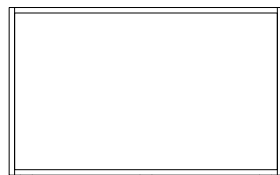
H 250 including feet . [118 internal]

D 500 . [430 internal]

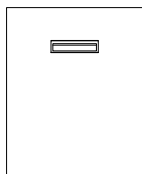
Examples of xLocker2 Body Configurations



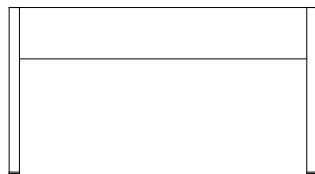
Doors



Open Base



Locker Body Drawer



Tube Base

Doors

W 300 . 400

H 500 . 670 . 1000 . 2000

Locker Body Drawer

W 300 . 400 . [240 . 340 internal]

H 400 . 500 . [320 . 420 internal]

D 440 . [390 internal]

Open Base

W 600 . 800

H 500

D 460

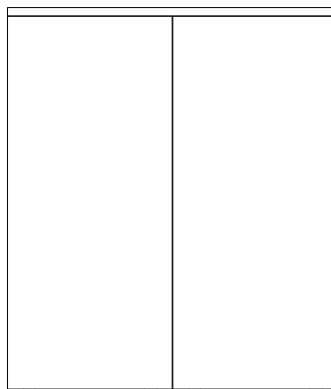
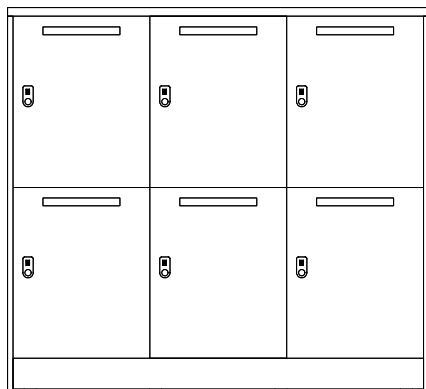
Tube Base

W 600 . 800 . 900 . 1200

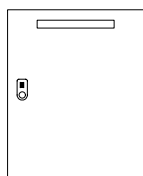
H 500

D 460

Examples of xLocker2 Body Configurations



Back to Back



Doors



Base

Doors

W 300 . 400

H 500 . 670 . 1000 . 2000

Mail Slot

W 220

H 15

Base

W 600 . 800 . 1200

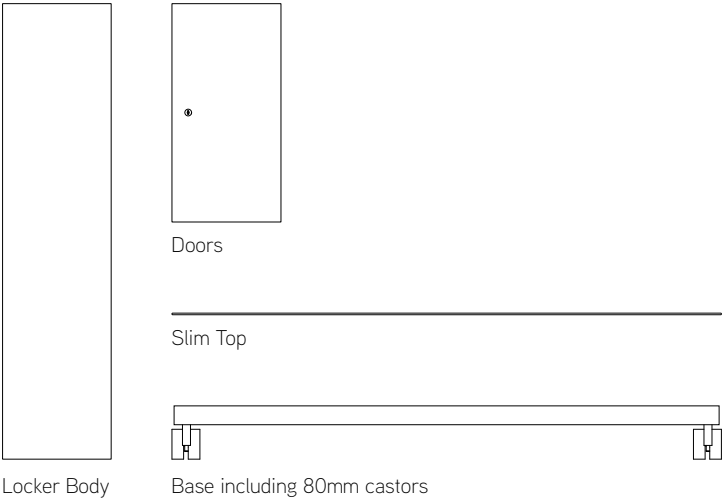
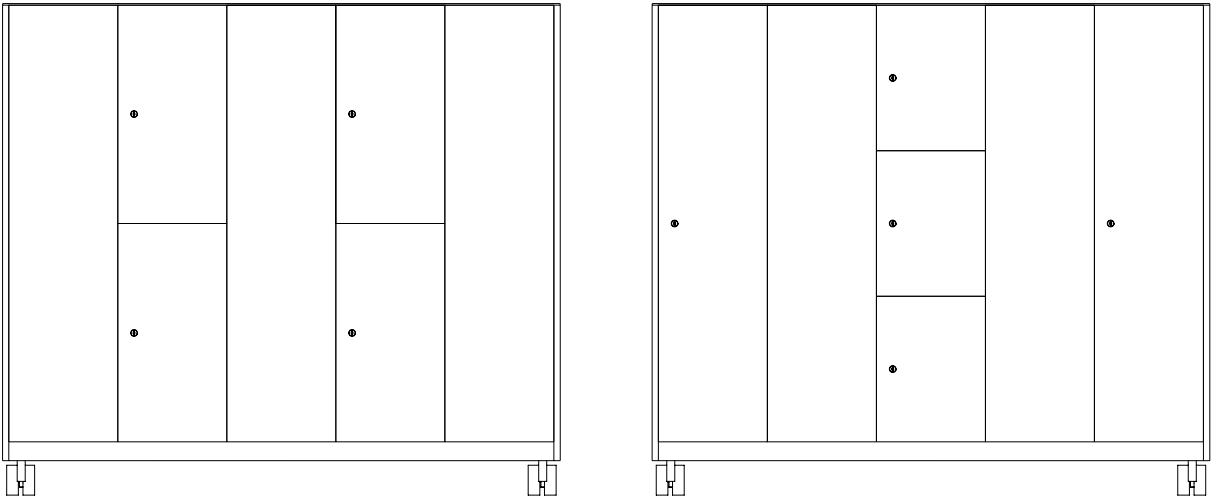
H 100 [standard] . 150 [electrical]

D 960 [back to back]

End Panels

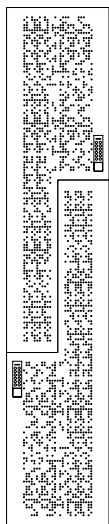
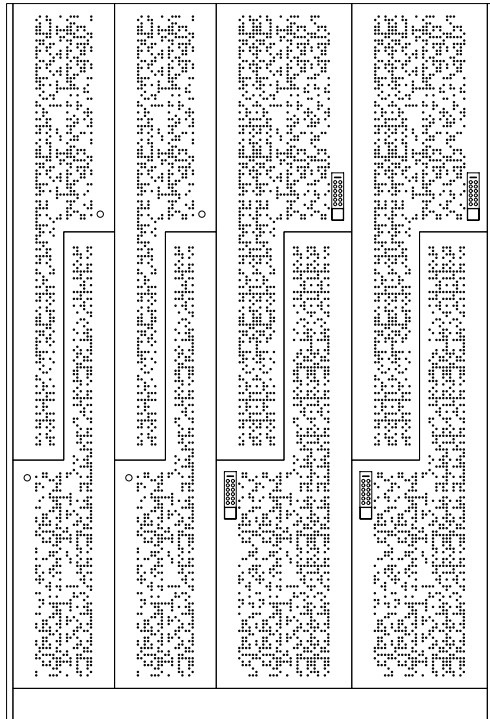
W 16

Mobile xLocker2

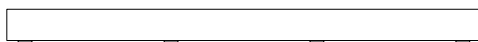


- Locker Body
W 300 . 400
H 1000 . 1200
D 500
- Doors
W 300 . 400
H 400 . 500 . 600 . 1000 . 1200
- Base
W 800 . 900 . 1200 . 1500
H 137 [including 80mm castor]
D 460
- End Panels
W 16
- Slim Top
H 3

Step xLocker2



Doors



Standard Base

Locker Body

W 300 . 400
H 1500 . 2000
D 500

Doors

W 300 . 400
H 1016 . 1333

Standard Base

W 800 . 900 . 1200 . 1500 . 1600 . 2000 . 2100
H 100
D 460

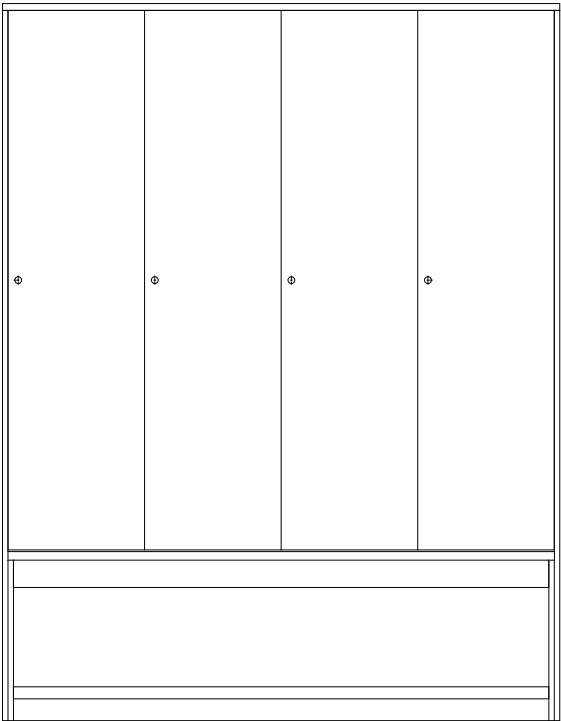
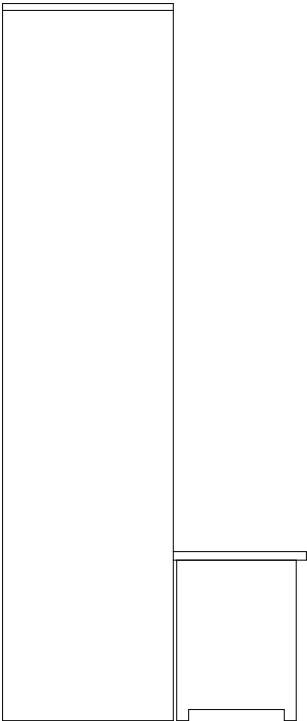
End Panels

W 16

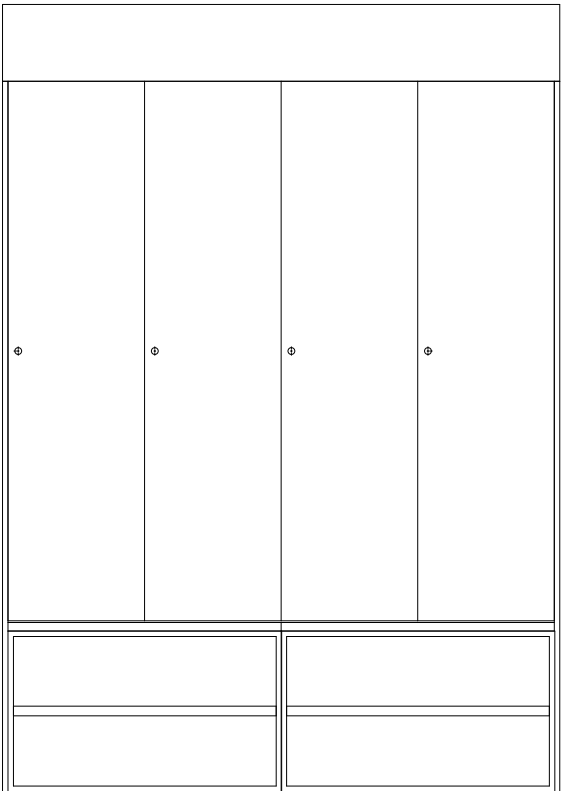
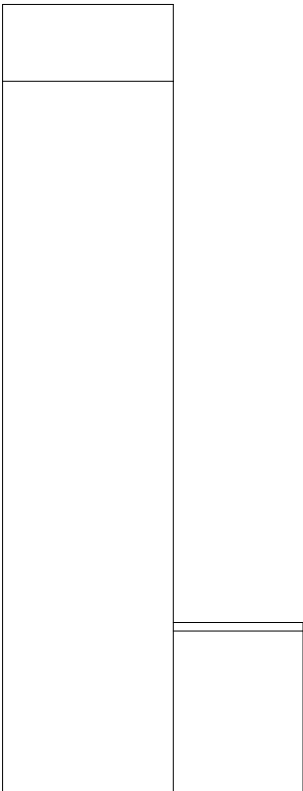
Shelf

W 125 . 300 [300 wide body]
175 . 400 [400 wide body]

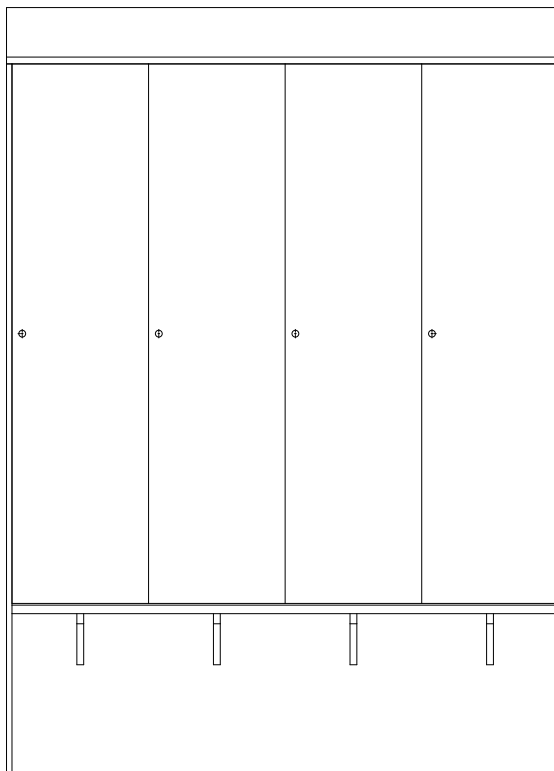
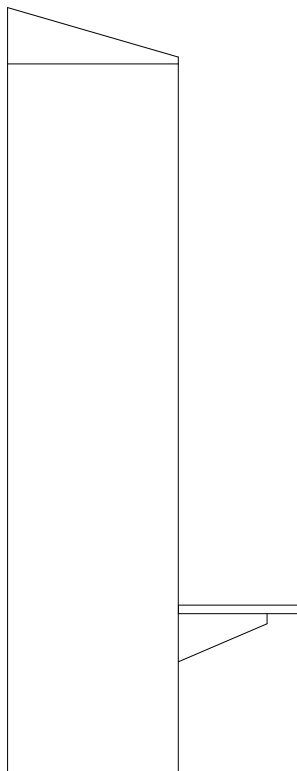
Bench Seat Configuration



Planter and Drawer Configuration



Cantilever Seat and Angled Top Configuration





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