

# CompakMax Mobile Storage



# Brownbuilt



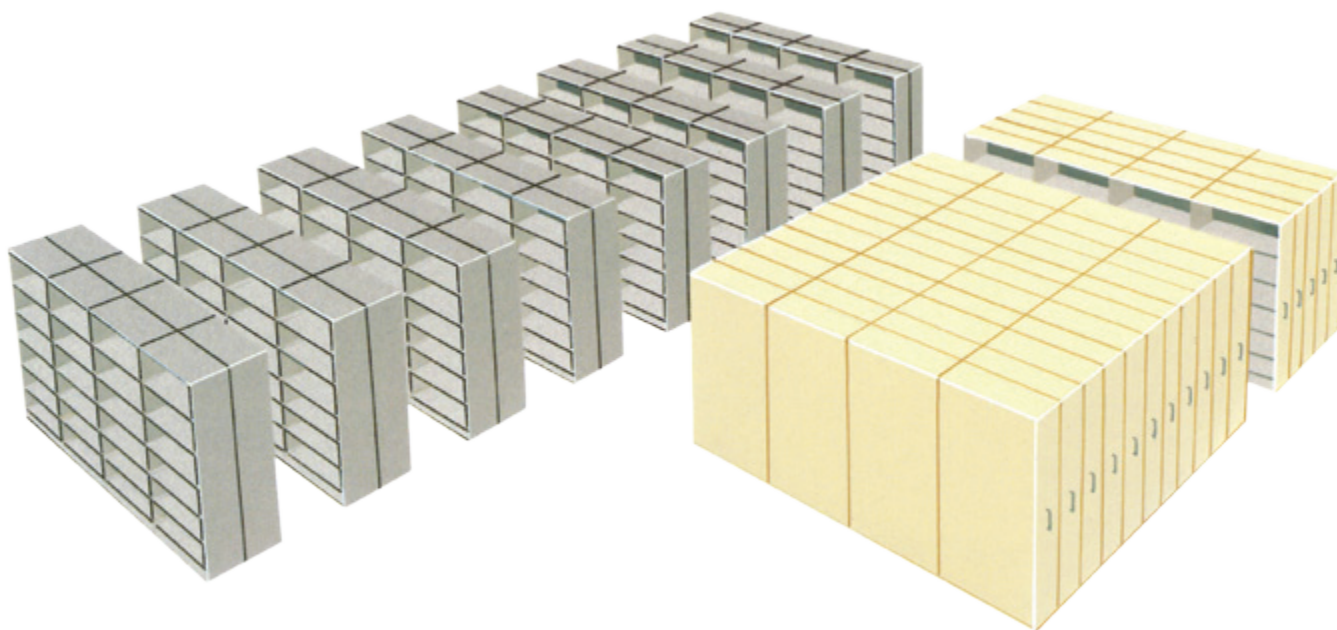
TESTED  
50,000  
TIMES



5 YEAR  
WARRANTY

Brownbuilt has been an industry pioneer since 1885 and has been responsible for many technical innovations in storage during that time. Brownbuilt developed Mobile Storage Systems in the 1940s with the Stormor range and extended the concept with the introduction of the CompakMax® Mobile Storage System to Australia during the 1950s.

# CompakMax Mobile Storage



## **Brownbuilt CompakMax Storage Systems**

### ***Benefit from Experience***

Brownbuilt CompakMax Storage Systems have been designed to service the ever increasing need for storage space by organisations and to reduce their rising costs. Continued development has since resulted in Australia's most comprehensive range of Mobile Storage Systems:

- Versatrac®
- BOC Mobile Storage
- Hand Operated CompakMax
- Mechanically-Assisted CompakMax
- CompakMax® Electric

Brownbuilt Mobile Storage Systems have been designed to save on space, time and money through the concept of mobilising static shelving by mounting the shelving bays onto the steel frames (mobiles). All Brownbuilt mobiles are assembled with steel crowned load wheels, fitted with ball bearings for ease of movement and to suit varying load requirements. Lateral guide assemblies in each mobile ensure correct alignment during operation.

Brownbuilt Mobile Storage Systems operate on steel track sections that are accurately installed and secured to the floor surface. These sections can be fitted with an optional ramped timber false floor to provide level trolley access. Alternatively, tracks can be laid into rebates in the concrete floor surface for unhindered operator access.

By using a single transferable aisle for all picking faces a Brownbuilt Mobile Storage System can reduce the floor area of an equivalent number of static shelving units by up to half. Advanced engineering ensures that Brownbuilt mobiles can be easily moved, even when fully loaded, for rapid access to stored goods.

### ***Versatility***

Brownbuilt Mobile Storage Systems (CompakMax) can incorporate most types of Brownbuilt Shelving Systems, offering all the flexibility and benefits available from Australia's most extensive range of Static Shelving Systems and storage accessories.

### ***Stock Control***

Brownbuilt Mobile Storage Systems allow for centralisation of stored products, reducing access and retrieval time, while promoting good housekeeping and assisting with inventory control.

### ***Low Maintenance***

The quality design of Brownbuilt Mobile Storage Systems and their components ensure low maintenance costs.

### ***Security***

Mobiles can be secured by key-activated locking systems. Top covers and vertical rubber seals may be fitted to shelving uprights to provide protection against dust. The steel structure, when closed, helps protect your stored items against fire and water damage.

### ***Modular***

Brownbuilt Mobile Storage Systems can be easily extended, re-configured or re-located to suit your changing storage needs.

### ***Performance***

Brownbuilt Mobile Storage Systems (CompakMax) have an unrivalled level of reliability, proven over many years, plus a comprehensive national support network.



## ***Brownbuilt Mechanically-Assisted CompakMax***

The Brownbuilt Mechanically-Assisted CompakMax is designed for ease of movement in medium to heavy duty storage applications for office, warehouse and industrial environments.

A manually operated Slimline Operating Console at the end of each mobile moves the CompakMax system by means of a chain driven mechanism. The drive system requires a force of only 10kg at the operating handle to move loads of up to 12 tonnes. Brownbuilt Slimline Operating Consoles can be configured with either Brownbuilt Safewind Handle or Posi-Drive Wheel systems to suit individual applications and are mounted to maximise operator aisle access. Mechanically-assisted CompakMax Systems can also be specified with a mobile-mounted, key-activated Slimline Locking console, providing additional security when the unit is closed.

### ***Capacity Options***

Mechanically-Assisted CompakMax mobiles are designed as multi-track systems with a maximum standard mobile width of 6300mm and can be specified with a number of Brownbuilt Shelving Systems from Light Duty RUT through to Unichannel Shelving to suit particular storage applications.

Brownbuilt offers two load wheel capacities for additional system flexibility:

#### **Standard 3 Track System**

Maximum mobile weight of 6000kg

#### **Heavy-duty 3 Track System**

Maximum mobile weight of 9000kg (Heavy-duty load wheels available on request)



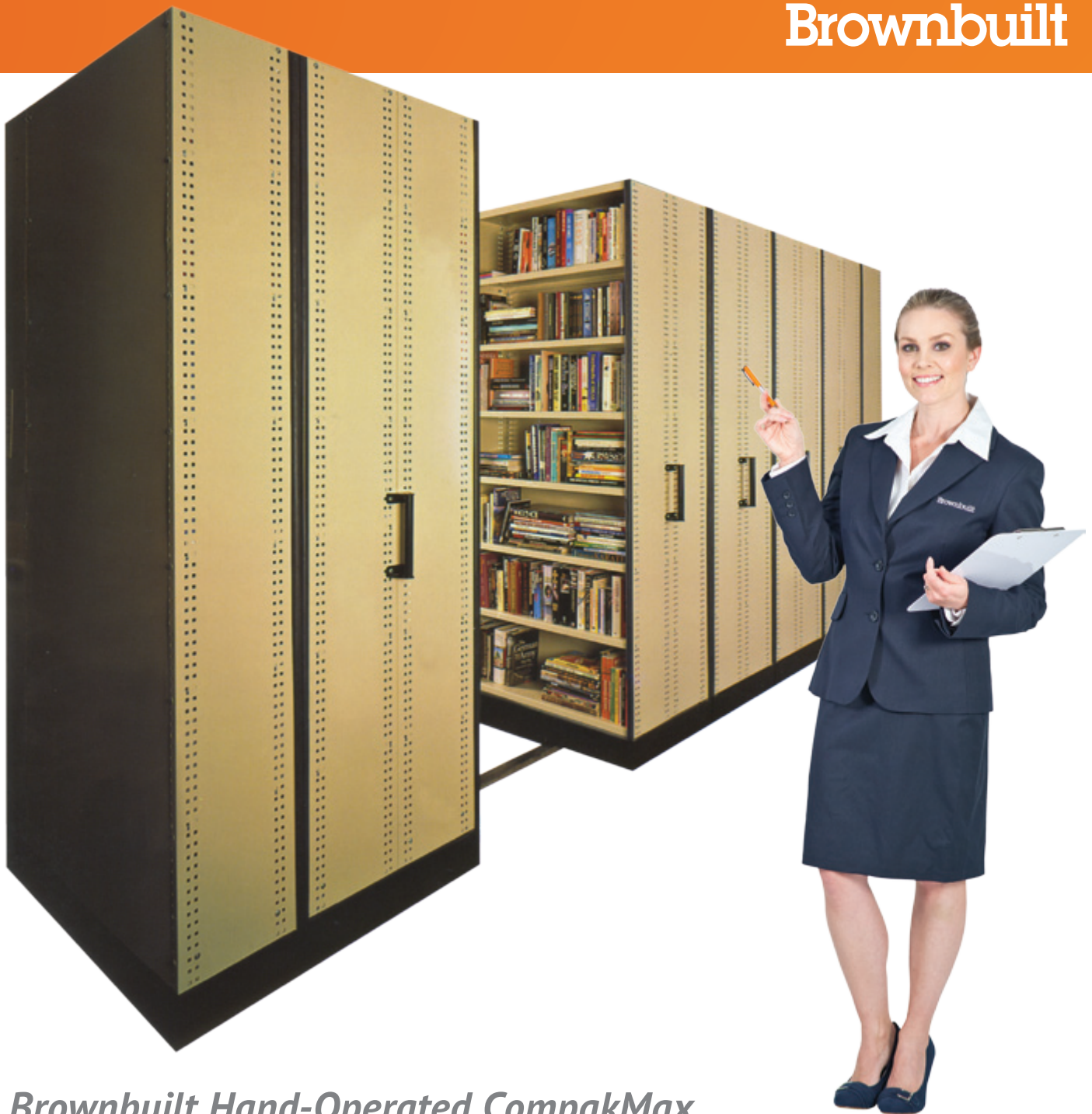
### ***Posi-drive Wheel***

Brownbuilt offers the option of a positively-engaged wheel attachment for the Slimline Console. Manufactured from quality steel, the Posi-Drive Wheel has a diameter of 400mm to reduce operating rotations and dish depth of only 70mm to reduce the overall mobile width.



### ***Safewind Handle***

Brownbuilt's Safewind handle is a unique design incorporating a gravity-based, self-disengaging mechanism. Handle engagement is activated after turning the handle through 90°. The Safewind handle is deactivated, when released, to ensure operator safety when the mobiles are free-wheeling.



## ***Brownbuilt Hand-Operated CompakMax***

Brownbuilt CompakMax Hand Operated is the ideal storage system for office archives, libraries, retail and light industrial applications. With our clever compacting storage systems valuable floor space is saved by up to half.

High quality manufacturing and careful design ensure that CompakMax Hand Operated mobiles move smoothly and easily with only 5-6kg of hand force needed to move up to 2 tonnes or load per mobile.

CompakMax Hand Operated storage systems are normally used in light load situations combined with Light or Medium duty RUT shelving to a maximum advisable mobile width of 2700mm.

Brownbuilt CompakMax Hand Operated units are available with the option of mechanically-assisted consoles as a standard or retro-fit option for two-bay wide systems.



### ***Slimline Locking Console***

Hand Operated CompakMax systems can be specified with a mobile-mounted, key-activated Slimline Locking Console, providing additional security when the unit is closed.



## ***Brownbuilt CompakMax Electric***

The Brownbuilt CompakMax Electric was the first computer controlled Mobile Storage System to be developed in Australia. With simple push-button operation and the latest technical developments, CompakMax Electric represents the most sophisticated Mobile Storage System available.

### ***Flexibility***

Computer technology and electronic controls ensure that CompakMax Electric is a reliable and convenient solution for medium to heavy-duty storage, allowing movement of total system loads up to 84 tonnes with high frequency operation.

CompakMax Electric can be configured with a wide range of shelving designs from Light Duty RUT through to Heavy Duty shelving and can be supplied with plain exterior panels for installations requiring colour coordinated or architecturally aesthetic appearances.

### ***Safety Features***

Operator safety is of prime importance with Brownbuilt CompakMax Electric and a number of safety systems are fitted as standard or available as options:

#### **Safety Stop Flaps**

Safety Stop Flaps are fitted to all bays as standard, on one face of each mobile and the plinth (static bay). The flaps automatically shut down the system should an obstacle be encountered in the aisle during operation.

#### **Aisle Lock**

For additional operator safety, an electronic aisle lock is standard for all CompakMax Electric Systems to prevent activation of any other aisle select button until the lock-out is deactivated.

#### **Alarms**

Optional safety buzzer alarms can be installed on all non-aisle lock systems to indicate to operators that the system has been activated and is about to move.

#### **Diagnostic System**

A system of LED warning lights advise operators of the system's operational status.

#### **Lighting**

Where natural lighting is inadequate, optional overhead cantilevered lighting systems can be fitted to each aisle and activated over a specific aisle when opened.

### ***Modern Program Logic Controllers***

The CompakMax Electric CompakMax System uses geared direct-drive electric motors that are fitted to each mobile and capable of moving loads of up to 6 tonnes per mobile. Modern Program Logic Controllers provide access to any aisle by pressing a single button adjacent to the required aisle. Overhead pantograph arms provide flexible electrical links to each mobile.



## Calculating Your CompakMax Plan Dimensions

### Unit Width

(Bay/Shelf width x number of bays wide) + 25mm

Note:

- D Handle increases width + 75mm
- Safewind Handle increases width + 165mm
- Steering Wheel increases width + 105mm
- Locking Console increases width + 35mm

### Unit Length

[(Shelf depth + 40mm) x number of single sided stacks] + [(Shelf depth x 2 + 70mm) x number of double sided stacks] + aisle width

### Unit Height

#### Hand Operated and Mechanically Assisted

Height to top of shelf = Shelving height + 175mm

Height to top of overhead guide = Shelving height + 255mm

#### CompakMax Electric

Min clearance height = Shelving height + 375mm to top of mobile control box

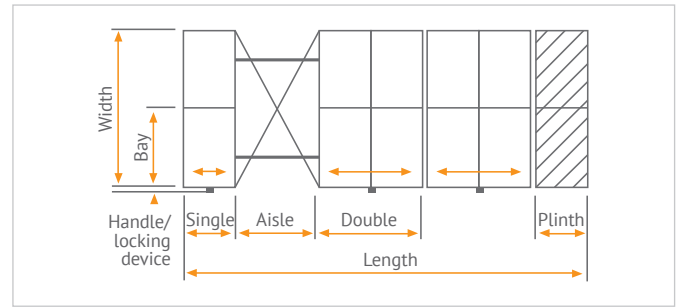
Note: Dimensions include 25mm Cement Fondu thickness

WIDTH	COMPAKMAX TYPE PLINTH/MOBILE		
	HAND OPERATED	MECHANICALLY ASSISTED	ELECTRICALLY OPERATED
900	✓		
1200	✓		
1500	✓		
1650	✓		
1800	✓	✓	✓
2250	✓	✓	✓
2400	✓	✓	✓
2550	✓	✓	✓
2700	✓	✓	✓
3000		✓	✓
3450		✓	✓
3600		✓	✓
4500		✓	✓
5400		✓	✓
6300		✓	✓

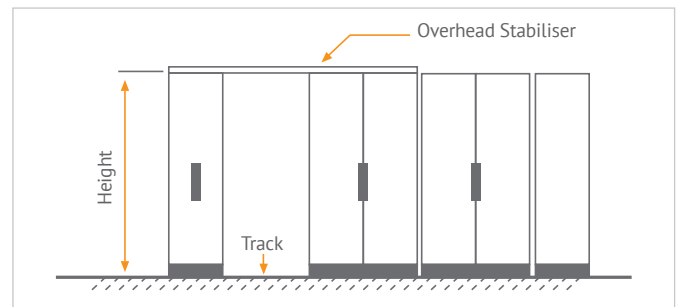
DEPTH	COMPAKMAX TYPE PLINTH/MOBILE		
	HAND OPERATED	MECHANICALLY ASSISTED	ELECTRICALLY OPERATED
300	✓	✓	✓
350	✓	✓	✓
400	✓	✓	✓
450	✓	✓	✓
500	✓	✓	✓
600	✓	✓	✓

- Other sizes available subject to request
- All single-face mobiles configured with a stabiliser system
- 2 track systems used for mobiles up to 4500mm wide
- 4500mm and wider mobiles supplied with 3 track systems

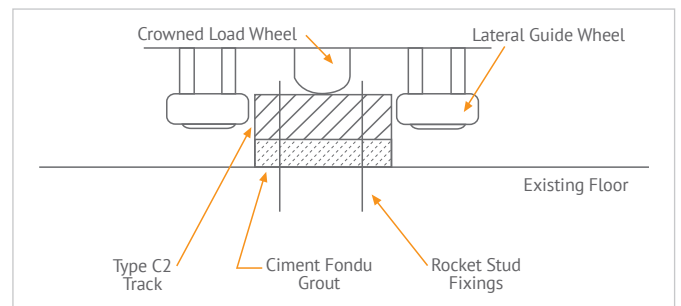
### Plan



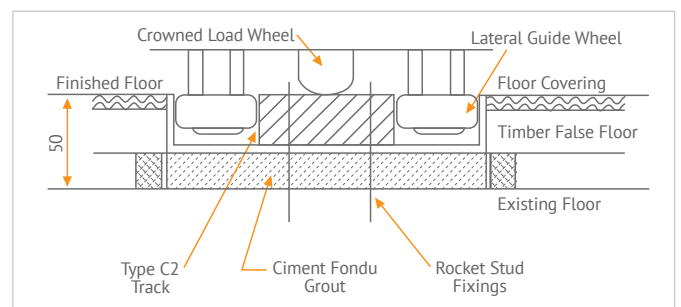
### Elevation



### On Floor Track



### On Floor Track - Fixed Timber False Floor



### In Floor Slab Track

