

Ultima CI-80 Shelving User Manual



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ULTIMA CI-80 SHELVING

USER GUIDELINES

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INTRODUCTION

Dexion ULTIMA CI-80 is a versatile adjustable, light to medium duty shelving system, which can be used to create many styles of industrial and commercial storage installations. It is modular in its design and will allow reconfiguration or addition to bays and shelves to best suit the storage needs. Ultima CI-80 may also be mounted on Compactus mobile bases and runners.

Dexion recommends that personnel operating within the stores / warehouse environments are familiarised with safe working practises. Part of that familiarisation should include the use of this shelving system. These guidelines contain useful information, tips and safety advice when working with Dexion Ultima CI-80 shelving.

HAND LOADED SHELVING SYSTEM

Ultima CI-80 is a hand loaded storage system, where the product being stored is placed onto the shelves, and later picked from them manually. It is **not a pallet racking system**. Mechanical devices such as stepped trolleys, or elevating order pickers may be necessary to gain access to higher storage levels, but the actual placement of product is a manual process.

LOADING / UNLOADING THE SHELVING

When selecting product to be stored within the shelving it is important to ensure that the items are safe, stable and able to be lifted. Any packaging should be intact, with for example, box bottoms able to carry the load contained within them.

The product should where ever possible be contained within the area of the shelf, overhangs should be avoided as these could be hazardous to other operators. Do not block aisles, or access to emergency escape routes.

If access is required to higher storage levels, then suitable equipment should be used, such as steps. Do not over stretch, or climb the shelving to gain access.



DO NOT CLIMB THE SHELVING

MANUAL HANDLING GUIDE

SHELF LOAD RATING

Shelves have the following maximum load rating. These ratings are based on a uniformly distributed load. (UDL)

PLAIN SHELVES

Bay Width	Shelf Depth				
	300	400	450	500	600
750	130 kg	130 kg	115 kg	115 kg	115 kg
900	130 kg	130 kg	115 kg	115 kg	115 kg
1050	80 kg	80 kg	80 kg	100 kg	100 kg
1200	80 kg	80 kg	80 kg	100 kg	100 kg
Mat. Thickness	0.75			0.95	

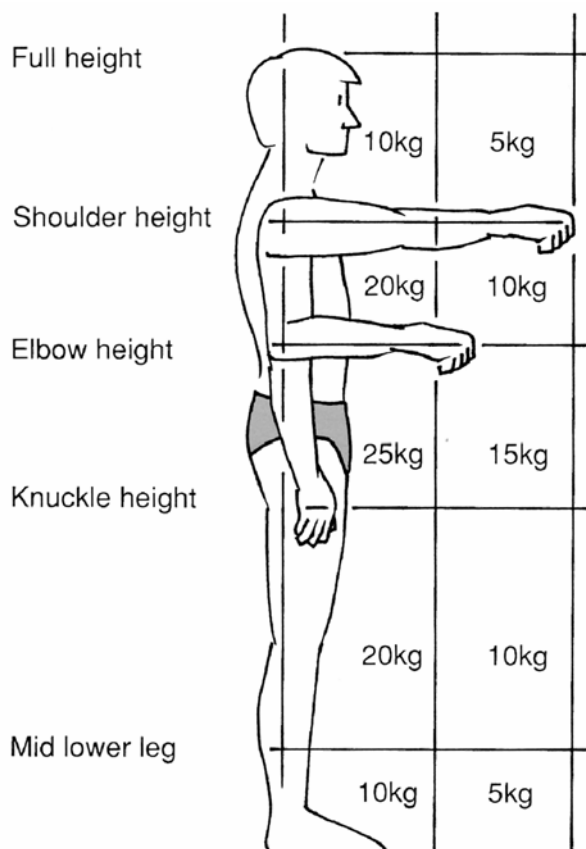
STIFFENED SHELVES

Bay Width	Shelf Depth				
	300	400	450	500	600
750	240 kg (1)	240 kg (1)	200 kg (1)	200 kg (2)	200 kg (2)
900	240 kg (1)	240 kg (1)	200 kg (1)	200 kg (2)	200 kg (2)
1050	170 kg (1)	170 kg (1)	170 kg (1)	190 kg (2)	190 kg (2)
1200	170 kg (1)	170 kg (1)	170 kg (1)	190 kg (2)	190 kg (2)
Mat. Thickness	0.75			0.95	
Shelf Stiffeners	(1) = 1 x shelf stiffener at <u>front of shelf</u>			(2) = 2 stiffeners	

LOADING THE SHELVING

It is logical to stack the heavier items on the lower shelving and the lighter items on the upper shelves. This lowers the centre of gravity of a loaded cabinet and improves stability.

The illustration below shows the recommended safe loadings from the EU Directive for manual handling.



NOTE:

These loadings are for men.

For women these figures should be reduced by a third

GUIDELINES FOR LOWERING + LIFTING

The above is a guide only recognising the wide range of personal capabilities, together with the diversity of handling situations. Employers should make suitable and sufficient assessment of content loads when planning and operating their site.

ROUTINE INSPECTIONS

The shelving system should require little or no maintenance, other than to replace components possibly damaged through incorrect operation. Any component no longer fit for use should be replaced on a like for like basis. Do not attempt to repair components.

It is recommended that periodic inspections be carried out to rectify any problems that may have occurred. These should include:

GENERAL CARE

The unit should have periodic clean out and a dusting using a soft cloth and a non- abrasive, non-solvent based cleaning agent. Should the shelving need cleaning, either as part of a routine, or as a result of a spillage the following guidelines should be observed.

The clean should comprise of a wipe down with a damp cloth, using (if required) a mild detergent. NEVER use a hose to spray the shelving. NEVER use abrasive or caustic cleaning agents.

Check shelving unit is level and square. Levelling plates may be fitted where necessary.

FINISH

Check cabinet panels and shelves for chips or damage. Repair minor powder coat damage with spray on touch-up paint.

FRAMES AND BACK PANELS

Check that the frame panels are straight, especially in areas of the rear flange and front roll post. Ensure the screws holding the fixed shelves, back panel (or spine bracing), kick plate, and any accessories are present and tightened.

SHELVES ON SHELF CLIPS

Inspect the clipped shelves to verify that there are four clips per shelf and that the clips and shelves are undamaged. Check for and replace any shelves which are permanently deflected.

SHELF STIFFENERS

If fitted, check that the shelf stiffeners are not permanently deflected and that the tabs of the shelf and ends of the stiffener are engaged correctly.

KICKPLATES

Check for signs of impact on the kick plate and that the fixings holding the kick plate to the baseplate and frame are tight.

BASEPLATE

Check for signs of damage to the baseplate and that frame fixings are secure. Ensure floor fixings are tight and well seated into the concrete. Check that all levelling plates are nesting into each other at the dimple.

FINISHING PANELS

Check that screws holding finishing panels to the frame are tight. The screws are on the inside of the frame panel.

TOPS (WHERE FITTED)

Tops are held on by self tapping screws fitted through the top shelf. If a top is coming loose tighten screws.

COMMON REPAIR AND REPLACEMENT ITEMS

<i>Dexion Code</i>	<i>Description</i>	<i>Unit</i>	<i>Notes</i>
151744	Touch Up Paint – APO Grey	Can	
151745	Touch Up Paint – Stone White	Can	
151330	Screw & Nut M6 x 10mm	Pack 50	
3308	Set Screw M6 x 16 Hex Head Gr8.8 ZP	Each	
3294	Hexagon Nut M6 Nyloc P Type	Each	
151320	Shelf Clip ZP	Pack 50	4 per shelf
202200	Base Plate UL 1 Tier Pgal	Each	
202201	Lev Plate UL 1 Tier Pgal	Each	
067106	Sleeve Anchor P10 x 50 ZP	Each	
160249	Screw 8Gx3/8 Pan UL Self Tap ZP	Each	
160250	Nut U 8G ZP (0536-17-4)	Each	
151746	Suspended Filing Rack 750 x 400 White	Each	
151749	Suspended Filing Rack 900 x 400 White	Each	
151752	Suspended Filing Rack 1050 x 400 White	Each	
151755	Suspended Filing Rack 1200 x 400 White	Each	