

# LONGSPAN

**RACKING** HEAVY DUTY



**GUARANTEED  
Delivery  
in FIVE Days**



## Longspan Racking - Heavy Duty

- Longspan racking for heavy hand loaded items
- System can be added to as your needs grow
- Heavy duty 'Z' beams support up to 1200kgs UDL
- Levels can be adjusted every 50.8mm (2")

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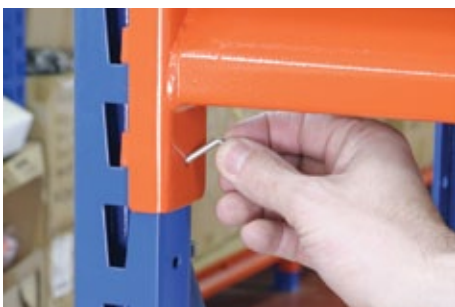
## Standard Components all ex-stock



Adjustable 3 finger claw



Secure location of beams



### Heavy duty Longspan

The ideal solution for storing hand loaded goods that are long, bulky or awkward. The system offers strength, flexibility and a wide range of sizes to suit all types of applications.

- Simple to install, yet incredibly strong and versatile
- Heavy duty beam using a "Z" profile design
- Frames can take up to 5000kgs
- Beams can hold up to 1200kgs per pair
- Wide range of sizes and components held in stock
- Standard sizes are ex-stock and delivered in 5 days

Nationwide Deliveries

**Guaranteed** Delivery in 5 days

## STANDARD SYSTEM SIZES AND CODES

FRAMES					
	DEPTH				
	457mm	610mm	762mm	915mm	1220mm
HEIGHT	CODE				
1830mm	LSF/18/04/BE	LSF/18/06/BE	LSF/18/07/BE	LSF/18/09/BE	LSF/18/12/BE
2135mm	LSF/21/04/BE	LSF/21/06/BE	LSF/21/07/BE	LSF/21/09/BE	LSF/21/12/BE
2440mm	LSF/24/04/BE	LSF/24/06/BE	LSF/24/07/BE	LSF/24/09/BE	LSF/24/12/BE
3050mm	LSF/30/04/BE	LSF/30/06/BE	LSF/30/07/BE	LSF/30/09/BE	LSF/30/12/BE
3660mm	LSF/36/04/BE	LSF/36/06/BE	LSF/36/07/BE	LSF/36/09/BE	LSF/36/12/BE
4880mm	LSF/48/04/BE	LSF/48/06/BE	LSF/48/07/BE	LSF/48/09/BE	LSF/48/12/BE

All frames are supplied in a knock down form (KD) - Footplate comes already welded to the upright.

BEAM LEVELS - INCLUDING CHIPBOARD DECKING, DECK SUPPORTS AND SAFETY PINS*						
	Load	DEPTH				
		457mm	610mm	762mm	915mm	1220mm
WIDTH	UDL KGS	CODE				
1220mm	1200	LSB/12/04/OR	LSB/12/06/OR	LSB/12/07/OR	LSB/12/09/OR	LSB/12/12/OR
1525mm	1000	LSB/15/04/OR	LSB/15/06/OR	LSB/15/07/OR	LSB/15/09/OR	LSB/15/12/OR
1830mm	800	LSB/18/04/OR	LSB/18/06/OR	LSB/18/07/OR	LSB/18/09/OR	LSB/18/12/OR
2135mm	700	LSB/21/04/OR	LSB/21/06/OR	LSB/21/07/OR	LSB/21/09/OR	LSB/21/12/OR
2440mm	600	LSB/24/04/OR	LSB/24/06/OR	LSB/24/07/OR	LSB/24/09/OR	LSB/24/12/OR
2745mm	400	LSB/27/04/OR	LSB/27/06/OR	LSB/27/07/OR	LSB/27/09/OR	LSB/27/12/OR

CHIPBOARD					
	DEPTH				
	457mm	610mm	762mm	915mm	1220mm
WIDTH	CODE				
1220mm	CP/12/04/18	CP/12/06/18	CP/12/07/18	CP/12/09/18	CP/12/12/18
1525mm	CP/15/04/18	CP/15/06/18	CP/15/07/18	CP/15/09/18	CP/15/12/18
1830mm	CP/18/04/18	CP/18/06/18	CP/18/07/18	CP/18/09/18	CP/18/12/18
2135mm	CP/21/04/18	CP/21/06/18	CP/21/07/18	CP/21/09/18	CP/21/12/18
2440mm	CP/24/04/18	CP/24/06/18	CP/24/07/18	CP/24/09/18	CP/24/12/18
2745mm	CP/27/04/18	CP/27/06/18	CP/27/07/18	CP/27/09/18	CP/27/12/18

URPGHT		HORIZONTAL BRACE		DIAGONAL BRACE		BEAMS		DECK SUPPORT	
CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE	CODE	SIZE
LN1/1830	1830mm	LN2/0457	457mm	LN3/0457	457mm	LN4/1220	1220mm	LN5/0610	610mm
LN1/2135	2135mm	LN2/0610	620mm	LN3/0610	620mm	LN4/1525	1525mm	LN5/0762	762mm
LN1/2440	2440mm	LN2/0762	762mm	LN3/0762	762mm	LN4/1830	1830mm	LN5/0915	915mm
LN1/3050	3050mm	LN2/0915	915mm	LN3/0915	915mm	LN4/2135	2135mm	LN5/1220	1220mm
LN1/3660	3660mm	LN2/1220	1220mm	LN3/1220	1220mm	LN4/2440	2440mm	SAFETY PIN	
LN1/4880	4880mm					LN4/2745	2745mm	LN6/PIN	

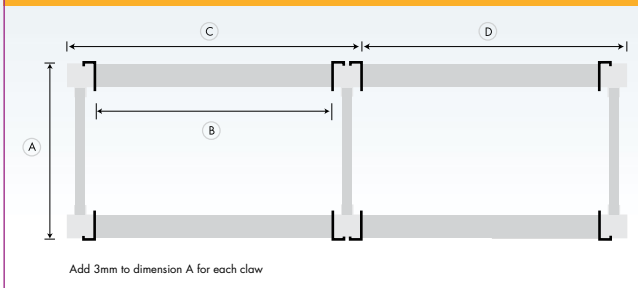
Fixings: M8 X 30 Nut And Bolt

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### TECHNICAL INFORMATION AND DETAILS

#### BAY DIMENSIONS - see chart below



#### ACTUAL BAY DIMENSIONS

NOMINAL DEPTH	A = BAY DEPTH	NOMINAL BAY WIDTH	B = CLEAR ENTRY	C = STARTER BAY	D = EXTENSION BAY
457mm	470mm	1220mm	1236mm	1330mm	1283mm
610mm	622mm	1525mm	1540mm	1634mm	1587mm
762mm	774mm	1830mm	1845mm	1939mm	1892mm
915mm	927mm	2135mm	2149mm	2243mm	2196mm
1220mm	1232mm	2440mm	2455mm	2549mm	2502mm
		2745mm	2760mm	2854mm	2807mm

Allow 10mm for footplate for frame depth and allow 16mm for footplate for row length

#### LOADS AND CAPACITIES

BAY LOAD		BEAM CAPACITY	
Shelf pitch	Bay Capacity	Beam length	Beam load (pair)
610mm	5000kgs	1220mm	1200kgs
762mm	4500kgs	1525mm	1000kgs
915mm	4200kgs	1830mm	800kgs
1066mm	3800kgs	2135mm	700kgs
1220mm	3600kgs	2440mm	600kgs
		2745mm	400kgs

#### DECK SUPPORTS PER LEVEL

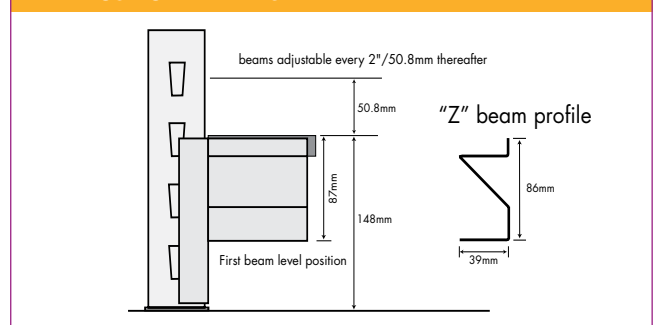
Width	DEPTH				
	457mm	610mm	762mm	915mm	1220mm
1220mm	0	3	3	3	3
1525mm	0	3	3	3	3
1830mm	0	3	3	3	3
2135mm	0	4	4	4	4
2440mm	0	4	4	4	4
2745mm	0	4	4	4	4

#### BRACING PER FRAME

Height (mm)	DEPTH (MM)									
	457		610		762		915		1220	
	H	D	H	D	H	D	H	D	H	D
1830	2	2	2	2	2	2	2	2	2	2
2135	3	2	3	2	3	2	3	2	3	2
2440	3	3	3	3	3	3	3	3	3	3
3050	4	4	4	4	4	4	4	4	4	4
3660	4	5	4	5	4	5	4	5	4	5
4880	4	7	4	7	4	7	4	7	4	7

H = Horizontal brace, D = Diagonal brace

#### BEAM POSITION AND PITCH





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### Components

- 1 Deck support
- 2 Upright
- 3 Horizontal brace
- 4 Diagonal Brace
- 5 Chipboard decking panel
- 6 "Z" profile beams
- 7 Welded footplate
- 8 Levelling shims



**Our Longspan system has been designed to provide economical storage whilst providing unrivalled strength and rigidity.** The design offers an upright with a central tapered slot which gives a strong connection whilst being easier to install the beam levels. The beams are formed as a 'Z' profile section with a 3 fingered claw, which can be adjusted on a pitch of 50.8mm

(2"). All levels 610mm deep and over are fitted with deck supports to ensure the chipboard panels meet the beam capacities. The deck support locates in to a slot in the beam which then holds the beams together and reduces any beam rotation. Each level is then fitted with high density chipboard panels. The system comes in an epoxy powder finish with blue uprights and orange beams.



Storage Aspects 0800 033 7075 [www.storageaspects.co.uk](http://www.storageaspects.co.uk) [info@storage](mailto:info@storageaspects.co.uk)

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