

## PALLET RACK – PR4500-A

### STAND PROFILE

Type	Unit	Value
Material		Steel S-355 JR
Dimensions	mm	85 W x 79 D x 2
Perforation	mm	50 (Grid - offset)
Surface		Powder coated blue
Profile structure		Omega profile shape
Depths	mm	800, 1100
Manufacture		Cold rolled profile
Field load	kg	9000



### TRUSSES

Type	Unit	1800 mm Trusses	2700 mm Trusses	3600 mm Trusses
Load	kg	1000	1500	1350
Material		Steel S-235 JR		
Profile structure		Rectangular profile		
Fastening		Hook lugs on each side of the crossbar for suspension, secured with safety pin		
Surface		Powder coated orange		
Production		Bevelled sheet steel, welded joints		
Lengths	mm	1800	2700	3600

### FOOT PLATE

Type	Unit	Value
Material		Steel, powder coated blue
Dimensions	mm	118 x 120 x 46 x 6

Support surface crossbar (mm)	Complete length (mm)	Width (mm)	Height (mm)	Strength (mm)	Weight per crossbar (kg)
1795	1803	50	100	1.5	8.4
2695	2703	50	120	1.5	12.3
3595	3603	50	120	1.5	15.9

### STAND HEIGHTS & WEIGHT

Stand height (m)	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
Weight (kg)	6	7.7	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5

### NUMBER OF CROSS AND DIAGONAL BRACES PER UPRIGHT

Stand height (m)	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
Cross braces	2	3	3	2	2	2	2	2	2	2	2	2
Diagonal braces	3	3	4	5	6	7	8	9	10	11	12	13

### CROSS STRUT

Type	Unit	800 mm Shelf depth	1100 mm Shelf depth
Cross strut	kg	0.8	1.2
Hole-to-hole distance	mm	671	972
Profile shape		C-profile	
Surface		Galvanised	
Material thickness	mm	1.5	

### DIAGONAL BRACE

Type	Unit	800 mm Shelf depth	1100 mm Shelf depth
Cross strut	kg	1.05	1.2
Hole-to-hole distance	mm	992	1135
Profile shape		C-profile	
Surface		Galvanised	
Material thickness	mm	1.5	

All data refer to uniformly distributed loads!



#### Load capacity

The operation of a shelf bay with only one level is prohibited! Suspending only one level in a bay reduces the shelf and bay load enormously due to the statics. Our load tests and all specifications therefore always refer to at least 2 levels.