



The Company

Make the most of your storage space. Call Sperrin now for free professional advice on your specific storage needs.

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Design :: nolka.com ::



SPERRIN METAL

Creating Space

Since 1963

Racking



Designed and manufactured to suit your storage requirements



Adjustable Pallet Racking System



Narrow Aisle Racking System

Totally Versatile Pallet Racking

Sperrin Metal Products Ltd is a family owned business, which can boast almost 50 years in the storage systems industry. As leaders in the manufacture of storage products, Sperrin Metal Products continue to push forward in both quality and customer satisfaction and have a wide range of storage solutions to suit any application.

Sperrin's pallet racking has been a forerunner for many years and as competition increases, so has Sperrin's attitude to be consistently at the top of the pack.

At Sperrin Metal Products, we provide you, the customer, with a system tailored specially for your requirements. Each job is manufactured specifically for you and can be any height or length. Our design department will liaise with you in order to provide the best possible layout design for your needs and advise on maximising space utilisation and minimising costs.



"Adjustable Pallet Racking is probably the most widely used system for storing pallets"

Pallet Racking Technical Specification

Beam Sections

Sperrin offer a wide range of beams to provide the most cost effective solution for any storage requirement. Beams are available as open or boxed sections to cater for any load capacity – even up to 7200kg per pair! Beams are roll formed from high quality steel and depending on beam type have either one or two sections. These sections are welded to the anchor plates and then powder coated. Our experienced sales team will recommend the most suitable beam for your requirements.

Uprights

Uprights are available in widths of 80, 100 and 120mm to give bay loads of up to 25 tonnes. (Should bay loads in excess of this figure be required, please contact our sales force for free professional advice). Each upright is roll formed from high quality steel before being powder coated. Our unique slot pattern has been specifically designed to generate a 'wedge' effect when the beam is located into the upright. This creates a very rigid racking structure as the lug pulls the anchor plate hard against the upright. The upright pitch is 50mm. This gives close beam adjustment and ensures that no space is wasted. Uprights can be made up to 7500mm in one piece, eliminating the need for splicing up to that point. After this point, uprights can be spliced using our robust splice to cater for any height requirement.

Load capacity determined by most critical value of 1/200 deflection limit or safety factor = 2.

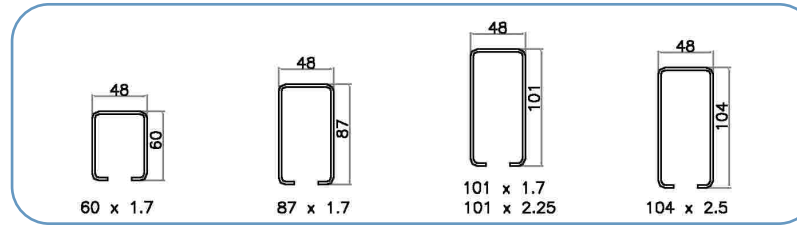
All load capacities are for Uniformly Distributed Load (UDL)

Beam Loads Open

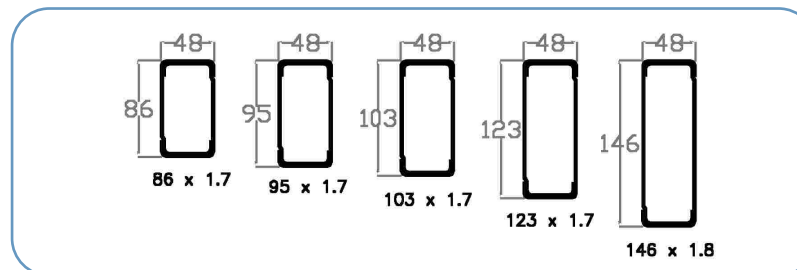
CLEAR ENTRY (mm)	60 x 1.7 BEAM (kg)	87 x 1.7 BEAM (kg)	101 x 1.7 BEAM (kg)	101 x 2.25 BEAM (kg)
1350	1705	2852	3592	4476
1500	1428	2612	3287	4087
1800	1063	2247	2824	3498
2025	867	1831	2564	3167
2250	729	1525	2193	2676
2400	656	1364	1960	2386
2700	541	1114	1598	1939
3000	456	930	1333	1612

Beam Loads Boxed

CLEAR ENTRY (mm)	86 x 1.7 BEAM (kg)	95 x 1.7 BEAM (kg)	103 x 1.7 BEAM (kg)	123 x 1.7 BEAM (kg)	146 x 1.8 BEAM (kg)
1350	5443	7033	7258	7258	7258
1500	5443	6406	7012	7258	7258
1800	4155	5366	5957	7258	7258
2025	3414	4329	5088	6634	7258
2250	2847	3574	4192	5645	6830
2400	2534	3180	3725	5071	6126
2700	2050	2572	3004	4179	5033
3000	1687	2129	2480	3522	4231
3300	1433	1796	2088	3020	3622
3600	1228	1540	1785	2574	3149
3900	1067	1337	1547	2224	2772



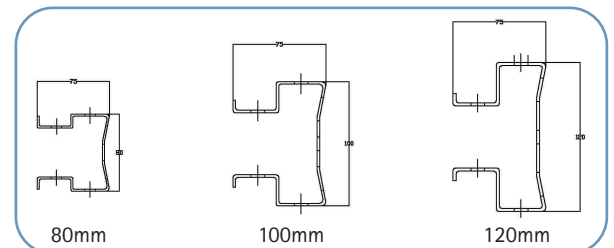
Open Beam Type



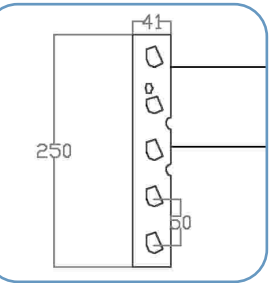
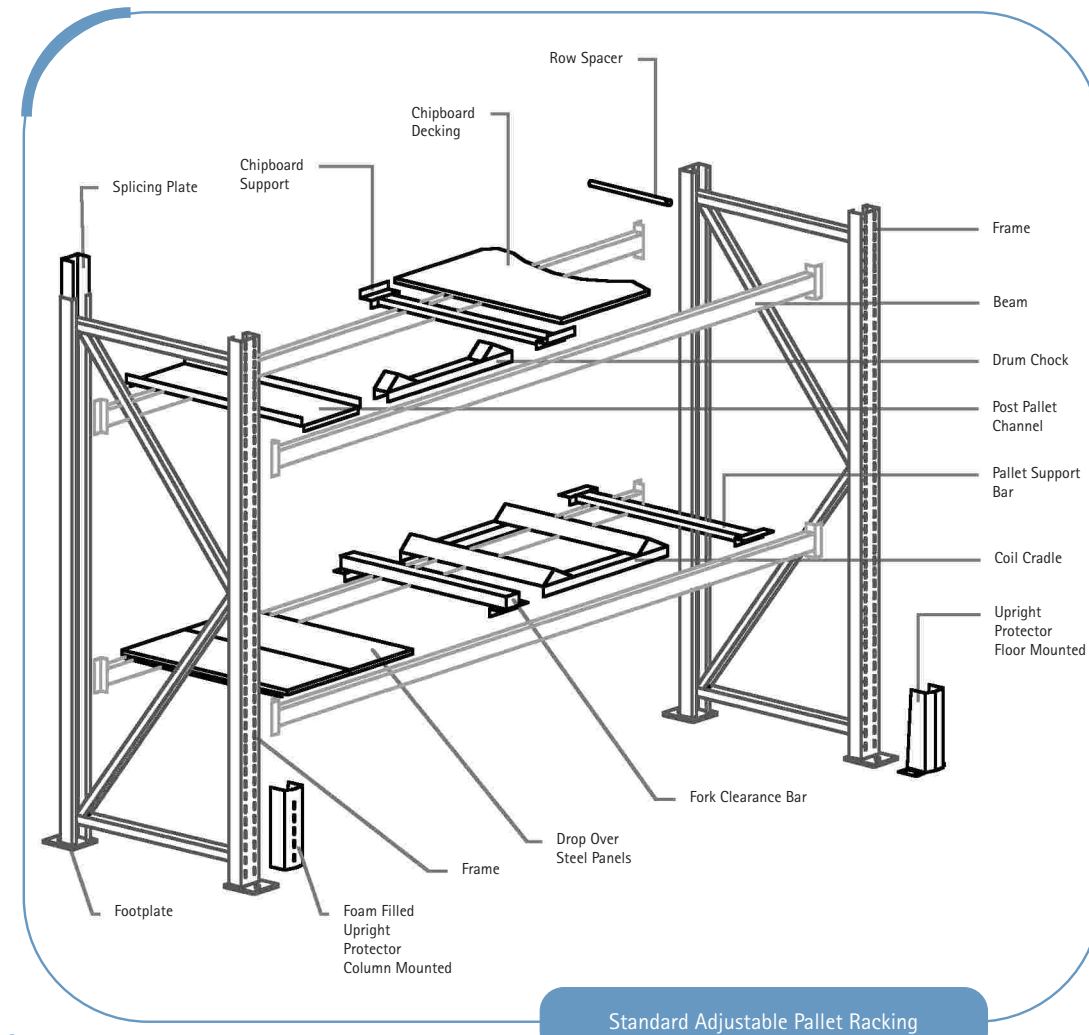
Boxed Beam Type

Frame Assembly

Sperrin offer welded or bolted frame assembly – depending on your requirements. Welded frames are factory welded before being powder coated. Bolted frames can be supplied factory assembled or supplied in component form for economical shipping and fast, easy assembly on site. Our experienced sales team will be able to recommend the ideal upright and frame for your specific needs.



- Profile
- Medium Duty 80mm
 - Heavy-Duty 100mm
 - Extra Heavy Duty 120mm



5 Lugged Anchor Plate for strength and durability

Standard Adjustable Pallet Racking