



warehouse systems limited



DONCASTER MOTOR SPARES case study

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Longspan Shelving
Adjustable Shelving
Mobile Shelving
Cantilever Shelving
Mezzanine Flooring
Partitions
Conveyors
Trucks and Trolleys
Lockers
Benches

General Industrial Products
Safety Inspections
Repairs

Pallet racking
Longspan Shelving
Adjustable Shelving
Mobile Shelving
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Longspan Shelving



Location: Doncaster
Client: Doncaster Motor Spares
Completed:



Since its founding in 1939, Doncaster Motor Spares (DMS) has become the UK's leading dismantling and salvage specialists. The company has developed and expanded considerably over the years. It now employs over 100 full-time staff and turns over several million pounds per year whilst still remaining an independent and privately owned company.

The expansion of the business meant that pressures were being placed on the business from both resource and space viewpoints.

DMS committed to investing in its main site at Bentley Moor Lane and they were faced with the challenge of having to store over 50,000 stock keeping units (SKU'S) all various sizes and weights.

Warehouse Systems Limited was approached and asked to design and cost a workable solution.

Richard martin DMS'S Managing Director advised WSL that one of the major operational problems was that counter staff dealt with "walk in" customers and then left the counter to access the stock, leaving the shop and warehouse areas potentially insecure. Additionally due to the siting of the picking locations customers experienced long delays and staff were working inefficiently.

Richard required a solution that provided a level of security, but allowed staff to quickly access and handpick products. Richard also wanted a stores

area that maximized the available height and space, and gave DMS capacity to grow into.

WSL analysed the stock and distribution profile and offered a 2 tier shelving solution which allowed bulk and slow movers to be stored at high level, with fast movers stored at floor level allowing fast efficient picking. At the same time offering a massive increase in capacity.

As stated the business held over 50000 SKU's varying enormously in weight and volume. In order to illustrate clearly how WSL proposed to meet the demands that this created, a 3 Dimensional drawing and video was produced. This was presented to DMS' directors and this professionalism and attention to details convinced DMS that WSL had the right solution and the ability to deliver and install the solution in the required timescales.





The Outcome



As Richard Martin quoted "Warehouse Systems demonstrated their professionalism from the very beginning, they asked many questions to determine our brief and responded quickly with an excellent layout drawing coupled with a 3D movie showing us exactly what we would be getting for our money".

The final design consisted of racking with a floor height of 4.8mtrs, a top level bulk pallet storage controlled through a pallet gate and a shelving system created over 2,000 fast pick faces. All of the stores area was to be partitioned off using steel mesh and at ground level access was via key pad doors along with serving hatches that provided store men with the ability to pick for counter orders. At ground level picking up to the full height was to be done via a Crown Wave® Work assist vehicle providing quicker picking speeds than previously employed. Access to the upper level was via two steel staircases. All this was provided within 25,000 sq ft of floor space and also incorporated pallet racking providing storage for a further 300 pallets.

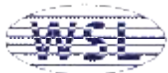
The nature and size of the project meant that the site was subject to The Construction and Design Management Regulations, requiring strict control in relation to Health and Safety matters.

WSL worked closely with DMS' H & S advisor to ensure all parties managed their respective duties of care under the Regulations, with WSL taking Designer, CDM Coordinator and Principal Contractor roles.

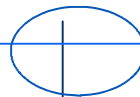
This resulted in substantial savings for DMS as this negated the need for any external safety or project management of the project.

This was one of the largest two tier structures that WSL has produced and provides DMS with the confidence to meet their storage requirements, both now, and into the future.

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