



Industry: Automotive
Country: Australia

Nature of Project: Parts & Accessories Solution Development

Objective

- Assist MMAL to develop a business case for implementation of an 'in-house' managed solution for the development of a new Spare Parts Distribution Centre in Adelaide, SA
- Prepare a detailed analysis of capital and operating costs required to implement the solution

Solution

- Facility layout, design and material flow for 8,000 m2 Spare Parts Distribution Centre
- New low maintenance clear span building with high bay clearance
- Improved cube utilisation and high density storage for small, medium and large parts
- Definition of logistics systems requirements including Warehouse Management (WMS) and Transport Management System (TMS)
- Definition of interfaces between proposed logistics and business systems
- Definition of direct labour, supervision and management requirements in proposed operation
- Requirements definition of materials handling equipment featuring increased use of stillages for large items

Services provided by New World Business Solutions

- Assessment of existing spare parts operation
- Development of concept layout, design and material flows fully supported by data analysis
- Preparation of a logistics cost model for establishment of operational and capital costs
- Assistance in preparation of business case for comparison of 'in-house' managed solution with 3PL supplier solutions

