



PRODUCTION LOGISTICS FOR MANUFACTURERS OF DIESEL ENGINES AND POWER TRAINS

For a world-leading manufacturer of large-bore diesel engines and complete power trains, STUTE manages a highly advanced materials management centre and supplies the production line and a spare parts warehouse. On 46,000 square metres of warehouse space, between 5,500 and 10,000 goods issue items are booked daily in various time slots.

CUSTOMER REQUIREMENT

- Planning, realisation and operation of a new central logistics centre
- Storage of blanks, in-house and purchased parts, prefabricated parts or cost centre supplies
- Order picking and order consolidation
- Production supply
- Packaging and preparation for dispatch
- Types of order: standard, express, missing parts and crate part orders (days to hours)
- System of indicators for efficient and up-to-date financial controlling

SOLUTION

- Concept for consolidating several warehouses in a central logistics centre
- Use of various industrial trucks for order picking within time slots
- Supply to two production plants and a spare parts warehouse with in-house fleet
- Production supply through JIT, sequences and KANBAN call-offs
- Value-added services such as supplier/container management, cutting to length/size
- Onsite master vendor organisation in cooperation with temp. employment agencies

ADDED VALUE

- Consolidation of the stocks from the various warehouses in a central logistics centre
- Operation of a central warehouse with different order types
- IT warehouse management system tailored to customer's processes, including a transport control system
- Transparent processes