



## SERVICE CENTRE COLOGNE

Since 1992, STUTE has assured end-to-end production supply for one of the world's most modern engine manufacturers. In four-hour time slots, the Cologne Service Centre makes just-in-time deliveries to the production sites using special RoRo vehicles. Tailor-made packaging concepts for worldwide dispatch complete the services portfolio.

### CUSTOMER REQUIREMENT

- 15,000 m<sup>2</sup> storage space
- 30,000 pallet spaces in the automated high-bay warehouse
- 88,000 storage spaces in the small parts warehouse
- 1,500 storage spaces for large-bore engines
- 14 storage spaces for standard engines for final engine assembly

### SOLUTION

- End-to-end production supply
- Engine packaging, containerisation and shipment
- Inventory management of vendor parts and complete engines
- Shuttle transports between plant and logistics centre with special, in-house RoRo vehicles
- Kit building (motor accessories)
- Production of frames and crates for engine transport. JIS supply of the engine skid (one piece flow). Execution of packaging orders

### ADDED VALUE

- Almost 30-year logistics partnership; logistics centre extended several times
- Customised packaging concepts
- High degree of automation
- Packaging line: strapping of engines and robot-controlled labelling
- 2 automated small parts warehouses with up to 60,000 small parts, 3 high-bay warehouses with approx. 30,000 pallet spaces
- Automated picking system
- order-driven commissioning,
- Own joinery at customer's production interface