

Storage
Order Picking
Handling & Automation

Case Study 008

Oil & Gas



ORDER PICKING FOR MANUFACTURING

The Customer

National Oilwell Varco is the leading provider to the oil and gas industry and is dedicated to providing the highest quality oilfield products and services. For more than 140 years, National Oilwell Varco has been providing customers everything from spare parts to comprehensive drilling systems; including rig equipment, integrated systems, downhole tools and supply chain solutions.

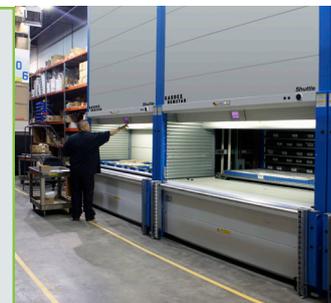
Further information:
www.kardex-remstar.com



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Task definition

As plant capacity increased at the National Oilwell Varco-SHP Facility, so did the number of parts. Committed to continually improving their customer's performance by implementing a program as basis for improvement in production and administration (Lean 5S), the National Oilwell Varco-SHP Facility began to focus on improving their warehouse operations and organize parts picking for maximum efficiency.



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Solution



The warehouse was redesigned to include three Shuttle Vertical Lift Modules (VLMs) with pick to light technology integrated with Power Pick Global inventory management software. National Oilwell Varco-SHP Facility is now picking orders 44% faster using 27% less labor while recovering 70% of previously occupied shelving space.

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Advantages at a glance

- Increased Productivity by 44%
- Reduced Labor by 27%
- Recovered 70% Previously Occupied Floor Space
- Improved Ergonomics
- Program as basis for improvement in production and administration (Lean 5S)

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Process description

We would be delighted to explain the process description in detail in a personal consultation.

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Scope of supply

- 3 Shuttle XP 500 (W x D x H: 2450 x 864 x 6850 mm)
- Pick to Light Technology
- Integrated Power Pick Global Inventory Management Software



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