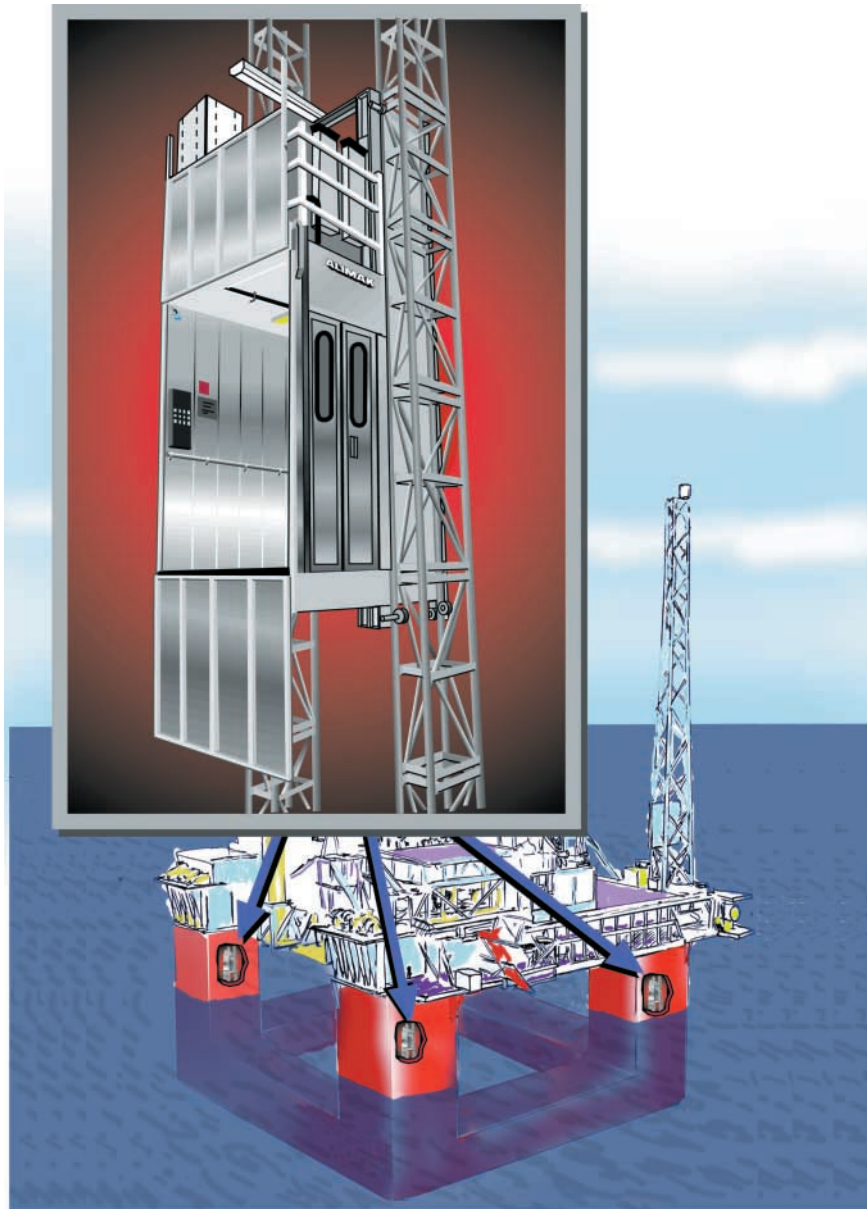


*Case study:*

## **Three Alimak elevators with 6,000 kg capacity gives access to the hull columns**



*Snorre B semi-submersible, North Sea*

## Case study:

**Three Alimak elevators are installed in the hull columns of the Snorre B semi-submersible. The twin-masted elevators have a capacity of 6,000 kg and are the biggest elevators that Alimak Hek has ever supplied to the offshore industry.**

When the elevators are used in normal operation, the capacity will be restricted to 1,500 kg at a speed of 0.65 m/s. By downrating the speed to 0.3 m/second the necessary 6,000 kg capacity can be achieved to transport pumps up the leg for overhaul. The elevators are provided with variable frequency drive (FC). The lifting height of the elevators is 40 m and there are four landings into the stairway.

### The Alimak Rack & Pinion Advantage

- Elevator concept developed for rough industrial environments
- Simple and cost efficient installation
- No separate machine room
- No lift-well or hoistway trunk needed
- Simple interface to structure
- Narrow installation profile
- Suitable drive system for curves and inclines
- Explosion protected elevators for hazardous areas
- Operation not affected by rolls, pitches or heaves
- Easy to retrofit to existing structures
- Can also be installed outside platforms



### DETAILS

Location:	Snorre B semi-submersible rig, North Sea
Installation year:	1999
Purchaser:	Kvaerner-Aker, Norway
Application:	Hull columns
Elevator type:	Rack & Pinion
Elevator model:	Alimak Special, twin masted
No. of elevators:	3
Capacity:	6,000 kg/1,500 kg
Speed:	0.3/0.65 m/s
Lifting height:	40 m
No. of landings:	4

**[www.alimakhek.com](http://www.alimakhek.com)**

Alimak Hek AB is ISO 9001 and 14001 certified.

