

# Alimak lifts at work: Pusan Port, South Korea



# 18 Alimak lifts improve crane access at the new terminal in Port of Pusan

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The Port of Pusan is Korea's busiest port, with about 50 thousand vessels calling annually. Also one of the world's largest container ports, it is continually expanding its containerized cargo handling capacity. The port's expansion includes the construction of a new terminal featuring giant shore-based container handling gantry cranes manufactured by Shanghai Zhenhua Port Machinery (ZPMC), China. ZPMC has purchased 18 Alimak lifts to provide safe, convenient access to the cranes' operator's cabins. By saving time and effort, the lifts allow operators and service personnel to perform their duties much more efficiently and safely.

Alimak Hek engineers pioneered the use of rack and pinion drive systems for the movement of men and materials, and today, Alimak Hek is the world's leading manufacturer of rack and pinion vertical access equipment, including a modular range of permanent access lifts as well as traditional construction hoists. The systems are easy to install and, unlike traditional rope operated equipment, require no winding room or supporting lift shaft.

## DETAILS

<b>Location:</b>	Port of Pusan, South Korea
<b>Installation year:</b>	2004
<b>Application:</b>	Ship-to-shore gantry cranes
<b>Lift type:</b>	ALIMAK SE 450 FC
<b>No. of lifts:</b>	18
<b>Capacity:</b>	450 kg
<b>Lift car size:</b>	0.91 m x 1.3 m x 2.17 m (W x L x H)
<b>Speed:</b>	0.8 m/s
<b>Lifting height:</b>	Approx. 46 m (45.658 m)
<b>Crane manufacturer:</b>	ZMPC, China



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