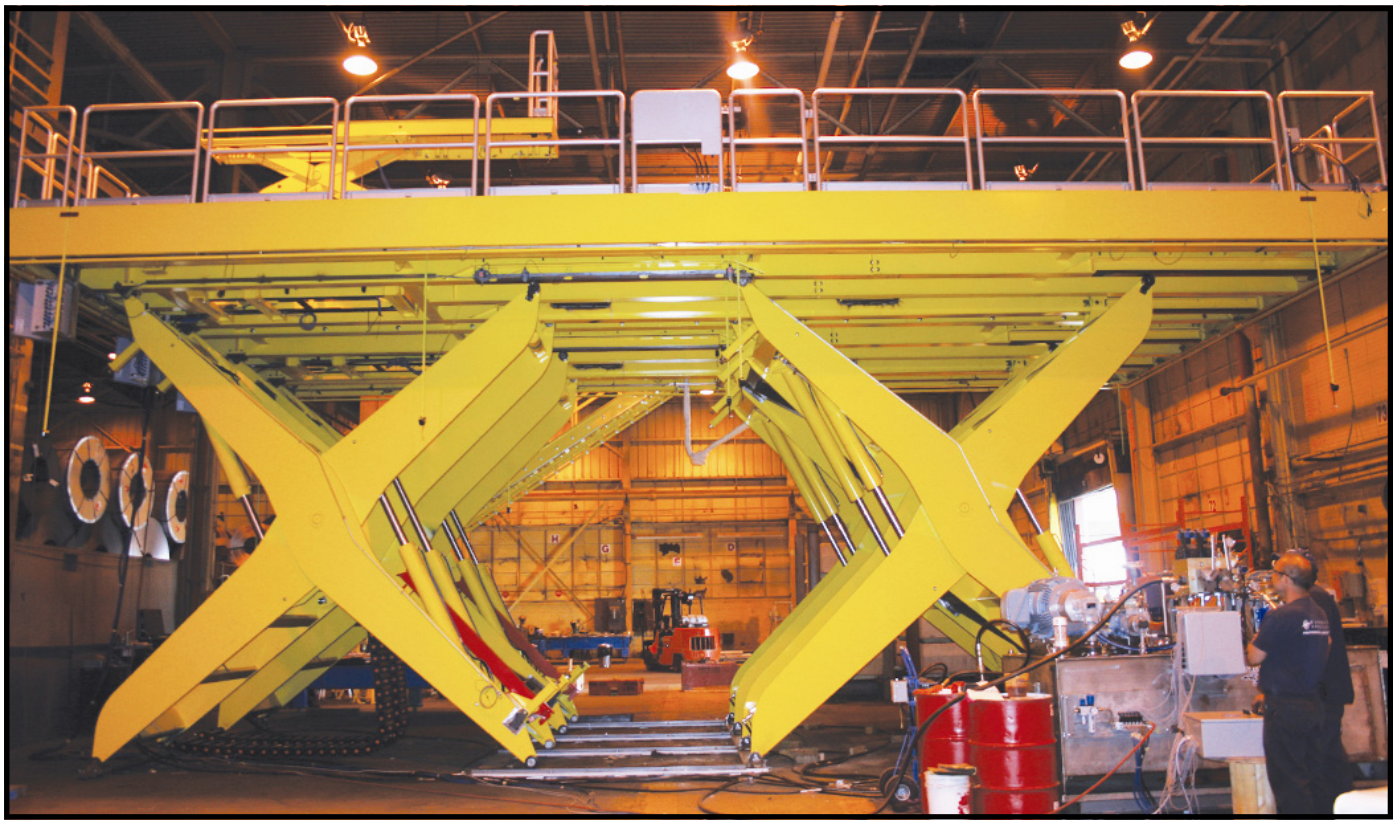
HANDLING SPECIALTY

A Whiting Company

JET ENGINE TEST CELL HYDRAULIC LIFT PLATFORM

SPECIALTY SOLUTION #7 **AEROSPACE**

- Lifting capacity 90,000 lbs
- Vertical travel 160”
- Rise/Lower rate 90 in/min high speed; 9 in/min low speed, 0.010” jog increments
- Height Lowered: 66”
- Raised height: 226”; platform width 287-1/2”; platform length 529-1/2”



Handling Specialty was approached by an internationally-recognized aerospace company (and previous customer) to design and manufacture a heavy duty, long-lasting, explosion proof material handling lift for use in a jet engine test cell. The lift is being used to load new jet engines into a test cell for testing and to safely and reliably move personnel and equipment around the jet engine.

Due to the layout of the customer’s facility and the size of the jet engine being tested, the Handling Specialty lift — when the scissor lifts are fully extended — reaches nearly 20 feet (to the main deck), with an additional eight and a half feet for the two integrated personnel lifts that are located on the top deck. The integrated lifts are just over two feet wide and eight feet long, with a capacity of 700 lbs. The deck of the lift is 24 feet wide by approximately 44 feet long, and was designed to accommodate a guided vehicle that carries the jet engine onto the lift. When completely lowered (the lift is installed in a low pit), this lift is a mere 5.5 feet high.

HANDLING SPECIALTY MANUFACTURING LTD., A WHITING COMPANY
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