

Heavy-Duty Powered Scissor Lift Integrates With Automated Robotic Stacking Line

Series 35 Scissor Lift



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Project Challenge:

An industrial equipment manufacturer who builds equipment to efficiently move wood products for the building supply industry was looking for scissor lifts to integrate into their automated robotic stacking line. Through their automation division, they would integrate a robotic arm that would take the panels off the conveyor and place them onto the scissor lift in stacks for removal by a forklift. Due to the repeated cycles of this process, a heavy-duty powered scissor lift would be needed for optimal performance as part of this system.

Growth & Impact



Integrated System



Automation



High Cycle Processing

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Series 35 Scissor Lift stacks wood panels as part of a Robotic Stacking Line.



Our Solution:

The engineering team at Autoquip modified one of our most versatile scissor lift lines, Series 35 and added design features that would keep up with the high-volume production required for the automated stacking process. This particular Series 35 was designed to travel 60" inches with a platform size of 32"x 87" which met the requirements needed for the panel sizes and to align to the conveyor requirements. High cycle bearings and a 5HP Continuous Duty power unit included for peak performance.

The Result:

Autoquip offers solutions for integrating our equipment into manufacturing processes to provide a means to streamline and optimize productivity. We happily work alongside customers to provide the best recommendations to align our equipment with their goals and application requirements. Con-vey is off to a great start with their system design and (2) Series 35 units were ordered for a complete equipment line.