

**60,000 LB. CAPACITY AUTOMATIC DESTACKING SCISSOR LIFT**

SPECIALTY SOLUTION #102

AUTOMOTIVE

- 60,000 lb. capacity, hydraulic actuation, 85" x 165", 27" vertical travel
- Mechanically encoded to a system PLC
- Lifts are self-propelled by a traversing electric friction drive
- Safety lock-up bars and bumpers



**H**andling Specialty reached a new weight capacity limit for its automated destacking scissor-lift solutions with this project. Two hydraulic destacking lifts were engineered-to-order, each with a 60,000 lb. capacity. The lifts, built to automotive specifications, will be used for precise and controlled destacking and transferring of steel sheeting.

Mechanically-encoded to a system PLC, the lifts automatically engage to the correct elevation of the pass line. This results in fine increments of adjustment and high reliability for repeat performance. The lifts are self-propelled along rails by a traversing electric friction drive controlled by a variable frequency drive (VFD).

The self-propelled lifts were designed with both continuous performance and safety in mind. Not only do the units have safety lock up bars for servicing and inspection, but they also have bumpers located at both ends to halt the unit's motion upon contact with any obstruction along its path.