

# SCISSOR LIFT WHEEL ASSEMBLY STATION NO: 801

**THE APPLICATION:** Vertical lift of tractor frames for a four wheel assembly application

**THE PRODUCT:** Four custom scissor lifts actuating simultaneously

**THE INDUSTRY:** Heavy Duty Agricultural Equipment Manufacturer

**THE NEED:** A tractor manufacturer needed narrow lifting devices to lift the heavy frame off a transportation cart for attachment of all four wheels during a one step operation. The solution also had to accommodate multiple frame length and widths.

**THE SOLUTION:** Omni Metalcraft Corp. provided four custom scissor lifts for the tractor manufacturer that actuated simultaneously to raise the tractor frame for wheel assembly. Pop up wheels were integrated under each scissor lift, allowing easy adjustment for the multiple tractor sizes. All four scissor lifts were powered off one power unit which utilized a single flow divider for level lifting of the tractor frame in all four corners.

■ One flow divider for level lifting of all four scissor lifts

■ 8000 lbs. lifting capacity per scissor lift



■ Narrow lifts on subbase with easy access maintenance panels

■ Retractable wheels placed on compression springs for mobility