

# AUTOMATIC FEED COMPANY



## NAPOLEON, OHIO Efficient Lighting Project

Automatic Feed Company is an independent-and privately-owned designer and manufacturer of coil handling and press feeding automation. Operating in Napoleon, Ohio, since 1949, the award-winning company provides turnkey systems and complete project management to equipment manufacturers and automotive suppliers.

### PROJECT GOALS:

Reduce energy consumption while improving lighting quality for staff at the company's facility.

### SOLUTION:

Replace high intensity discharge (HID) and T12 fluorescent fixtures with an energy-efficient lighting system.

### PROJECT SUMMARY:

In 2013, Automatic Feed Company completed an efficient lighting project to reduce energy consumption at its facility in Napoleon, Ohio. The company worked with Powerbuilt Material Handling Solutions to replace existing T12 lighting fixtures with high-performance T8 (HPT8) fixtures in the paint booth, and existing HID fixtures with efficient high-bay T5 fluorescent fixtures in the machining, fabrication, and assembly areas.

Efficiency Smart worked with Powerbuilt Material Handling Solutions to review the lighting project and validate energy savings potential. As a result of the project, Automatic Feed was able to reduce energy consumption significantly, and the new lights improved lighting quality across the facility.



### PROJECT FACTS AT A GLANCE

**Annual kWh Savings:**  
359,100

**Annual Cost Savings:**  
\$30,800

**Lifetime Cost Savings:**  
\$462,100

**Payback:**  
1.04 years

**Annual CO<sub>2</sub> Reduction:**  
688,400 pounds

### PROJECT PARTNERS

Brad West, Senior Electrical Project Engineer,  
Automatic Feed Company

Nathan Weaks, Treasurer, Automatic Feed Company

Peter Beck, Vice President of Manufacturing,  
Automatic Feed Company

Ryan Brentlinger, Project Manager,  
Powerbuilt Material Handling Solutions LLC

Ross Kelly, District Manager,  
Powerbuilt Material Handling Solutions LLC

Jon Bisher, City Manager, City of Napoleon

Dennis Clapp, Utility Director, City of Napoleon