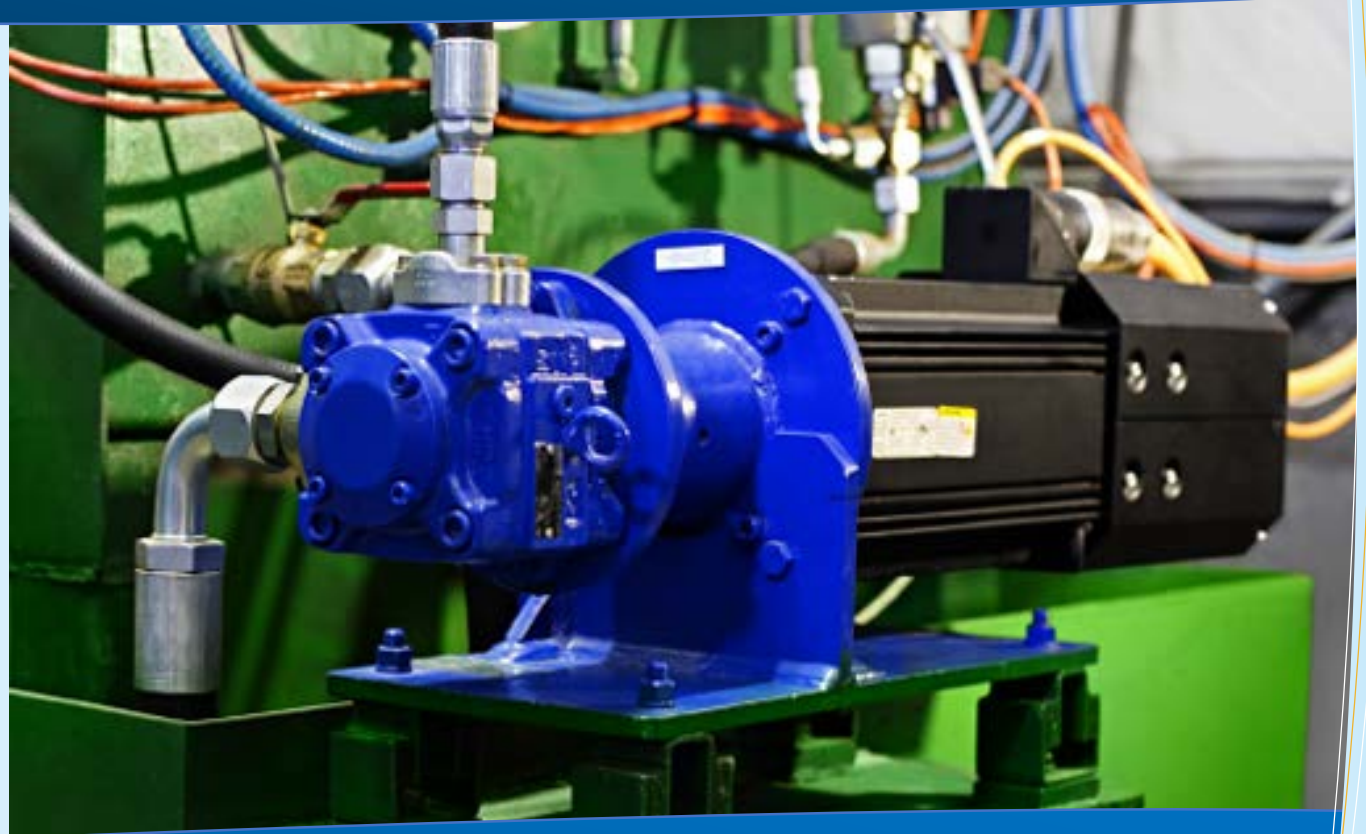


# AMS SOLUTIONS

Industrial Automation Specialists

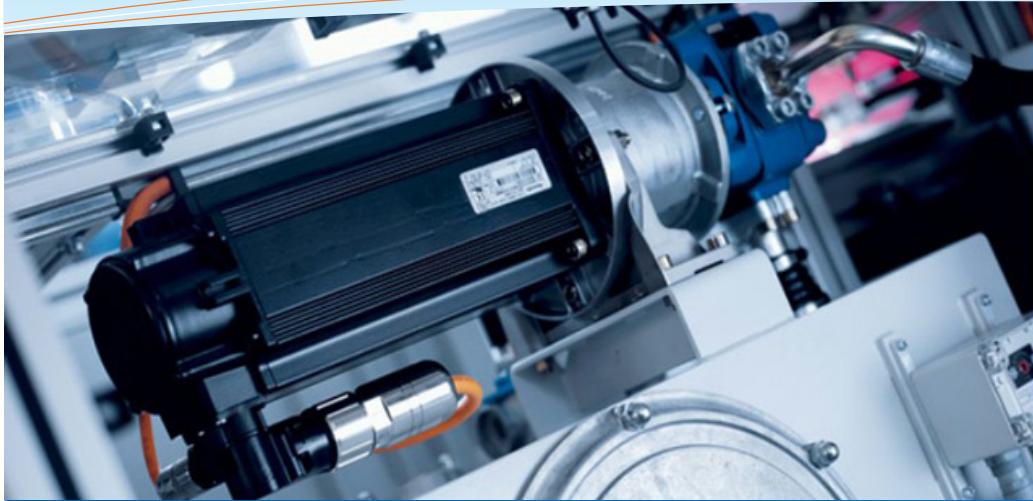
## SYTRONIX HYDRAULIC POWER UNITS



Revolutionary control systems from AMS Solutions in combination with Bosch Rexroth servo variable-speed pump drives produce unmatched hydraulic performance with substantial energy savings.

**Rexroth**  
Bosch Group

System Integrator



## Sytronix HPU Advantages:

- **Performance** – Near perfect pressure regulation & exceptional response to flow demands
- **Energy Usage** – Reduced power consumption & heating; up to 90% energy savings
- **Diagnostics** – HPU status, leakage trending, line break detection, & pump wear monitoring
- **Simplicity** – Fewer active hydraulic components; robust & long-lasting
- **Noise** – Reduced audible noise for sensitive locations

## Sample Applications:

- **Bin Sorters**
- **Canter Lines**
- **Log Turners**



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## Responsiveness & Efficiency

Traditional Hydraulic Power Units lack flow responsiveness which results in large variances in system pressure. AMS Solutions and Bosch Rexroth have joined forces to provide high-performance HPU's that achieve peak flow in just milliseconds while simultaneously regulating system pressure to within a few psi. Using Sytronix servo variable-speed pumps from Bosch Rexroth and customized programming from AMS Solutions, our HPU's provide peak performance and reduce energy costs by up to 90%.

The Sytronix HPU maximizes energy conservation during low-flow idle times by spinning the motor at minimal RPM. This eliminates unnecessary system heating without sacrificing hydraulic performance. Lower system temperatures reduce wear and prolong component life cycles.

With our advanced diagnostics, leakage is easily detected and the risk of a large oil spill is lowered drastically.

The flexibility of the Sytronix HPU system makes it suitable for various applications. Overall integration by AMS Solutions creates a robust system with increased production.

