

# Take the Sytronix Challenge

## DISCOVER YOUR POTENTIAL SAVINGS

Are you interested in reducing your energy consumption and noise levels on your factory floor? Check out Evolution Motion Solution's Sytronix technology.

Sytronix is a servo-driven pump drive system that combines the reliability of high-performance hydraulics and the energy efficiency of powerful drives and electronics systems. The system delivers demand-oriented volume flow, provides closed-loop control of pressure, volume, position, and force, and limits the pump consumption.

**The benefits of this technology include reduced noise level, energy consumption, and factory-floor footprint, as well as easy integration and increased machine life-time.** After their Sytronix Challenge, one company saw **energy savings of 93%**. Discover your potential savings. Take the Sytronix Challenge today!



## How the Challenge Works



Schedule an energy audit of your existing system with a conventional hydraulic unit



Schedule a week with Evolution's Sytronix demo unit installed on your machine



Receive a detailed report showing energy savings with the Sytronix unit

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[evolutionmotion.com/sytronix-challenge](http://evolutionmotion.com/sytronix-challenge)



## Sytronix Benefits



### Noise Level

- Cost savings through variable speed reduced motor noise
- Cost savings due to less sound insulation
- Better compliance with industrial health and safety (OSHA)
- Higher employee satisfaction



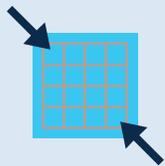
### Energy Consumption

- Energy savings of 30-80% through demand-oriented flow and pressure supply
- Decrease in CO2 emissions, reducing carbon footprint



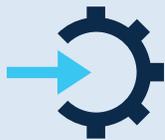
### Machine Life Time

- Reduction of friction losses leads to longer life time of bearings
- Less heat input into the oil results in better oil quality and longer life time of components



### Reduced Footprint

- Motor, pump, and reservoir can be optimally utilized, thus smaller dimensions
- Hydraulic cooling system can be downsized or eliminated



### Easy Integration

- Flexible control functions easily integrate into system
- Advanced diagnostics

