

Differentiate Your Machine to Save Development Time, Improve Performance and Generate Higher Profits

Is your machine automation solution just a basic convenience? Or does it offer quantifiable performance improvements that generate real profits? Is every new design a time sink? Or does your solution accelerate development, so you can save money while bringing new machines to market faster?

Kollmorgen Automation Suite™ is helping OEMs speed development of differentiated machines that deliver higher performance and, as a direct result, higher profits.

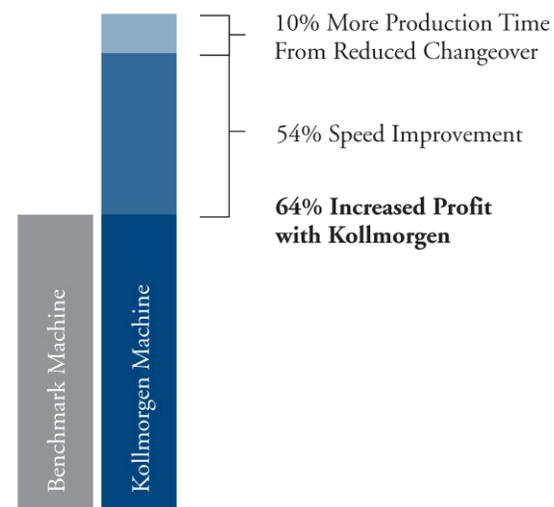
Faster, better, more cost-effective: Meeting the challenge

A major OEM of paper converting machinery needed to develop and deliver its innovative new machine faster. At the same time, they needed superior motion control performance to differentiate their machine through increased line speed and faster changeovers.

To reduce risk and ensure success, the OEM wanted to work with a single solution provider that could offer more than just machine components – someone who could provide the knowledge, software planning, and optimization tools to help realize its technical and business goals. That's why they chose a complete machine [automation solution](#) that integrates Kollmorgen's innovative controls, motors, drives and I/O with the advanced Kollmorgen Automation Suite software.

Kollmorgen offers dedicated motion controller performance in a complete machine automation suite with a full IEC61131-3 soft PLC engine, a high-end machine interface and system components optimized and qualified to work together. The solution is completed by Kollmorgen's best-in-class servo drives and motors plus the development support of Kollmorgen's industry experts. Also, with co-engineering capabilities, Kollmorgen is well equipped to deliver what machine builders need.

Profit Comparison Chart



The result: A faster track to higher profits

Remarkably, the OEM was able to develop its motion application in only one week using Kollmorgen Automation Suite. And they built a machine that runs 54 percent faster, boosts production time by 10 percent due to reduced changeover, and increases profitability by 64 percent.

DIFFERENTIATE YOUR MACHINE**Application Needs**

- Market:** Paper converting machine
- Machine:** Flying saw / paper
Up to 12 servo axes
- Timeline:** Only 1 week for software
- Motion:** Web speed up to 200m/min
Cutting tolerance <0.1mm
Variable length cuts
Roll width 100-500mm

Original System

- Speed:** 130m/min line speed
- Issue:** Manual retooling increased changeover time and errors, causing scrap and requiring correction. Significant operator training needed to avoid erratic commissioning

Kollmorgen System

- System:** Kollmorgen Automation Suite
Kollmorgen PAC with HMI and I/O
Kollmorgen S700 Drives
Kollmorgen AKM Motors
- Speed:** 200m/min line speed
- Benefit:** Pipe Network™ performance
One-stop integrated system
for ease of use and fast startup
On-site motion expertise

ABOUT KOLLMORGEN

Kollmorgen is a leading provider of motion systems and components for machine builders around the globe, with over 70 years of motion control design and application expertise.

Through world-class knowledge in motion, industry-leading quality and deep expertise in linking and integrating standard and custom products, Kollmorgen delivers breakthrough solutions unmatched in performance, reliability and ease-of-use, giving machine builders an irrefutable marketplace advantage.

For more information visit www.kollmorgen.com, email support@kollmorgen.com or call 1-540-633-3545.