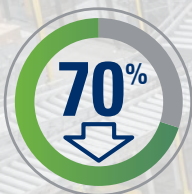
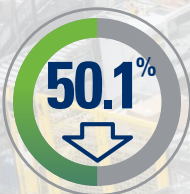


# Logistics & Transportation Company Saves \$80,000

WITH BAUER™ PMSM GEAR MOTOR



**TOTAL SKU  
REDUCTION**



**ENERGY  
SAVINGS**



**REDUCTION IN  
WORKING CAPITAL**

## THE CHALLENGE: STREAMLINING INVENTORY AND DRIVING EFFICIENCY

A leading company in the logistics and transportation industry sought to optimize its operations by standardizing gear motor inventory across its unit material handling systems. The goal was to reduce SKU complexity, improve sustainability, and unlock financial and operational efficiencies.

To evaluate the potential impact, the customer shared a detailed list of competitive gear motors currently in service. The Bauer Gear Motor team conducted a comprehensive analysis to assess the benefits of transitioning to the Bauer Permanent Magnet Synchronous Gear Motor solution.

## THE SOLUTION: IMPLEMENTING AN OPTIMIZED GEAR MOTOR SOLUTION

Bauer proposed a streamlined gear motor configuration to replace multiple existing gear motor products SKUs, which would lead to inventory simplification and reduction in complexity. The solution was first implemented at a single facility to validate both performance and cost savings. Following proven success at this initial site, the

approach will be scaled for broader adoption across the entire enterprise.

## THE RESULTS: SIGNIFICANT OPERATIONAL, FINANCIAL, & SUSTAINABILITY GAINS

Implementing the Bauer PMSM delivered measurable benefits, including:

1. **\$80,000 Annual Savings** – Delivered immediate and measurable financial benefits through cost-efficient design and reduced maintenance needs.
2. **70% Total SKU Reduction** – Streamlined inventory management and simplified procurement processes by replacing multiple SKUs with a single optimized configuration. Reduced complexity and freed up valuable warehouse space.
3. **51% Reduction in Working Capital** – Improved operational efficiency by minimizing excess stock and freeing resources previously tied up in inventory.
4. **50.1% Energy Savings** – Achieved through an optimized motor design, lowering operating costs and advancing corporate sustainability goals.

**BAUER GEAR MOTOR™**

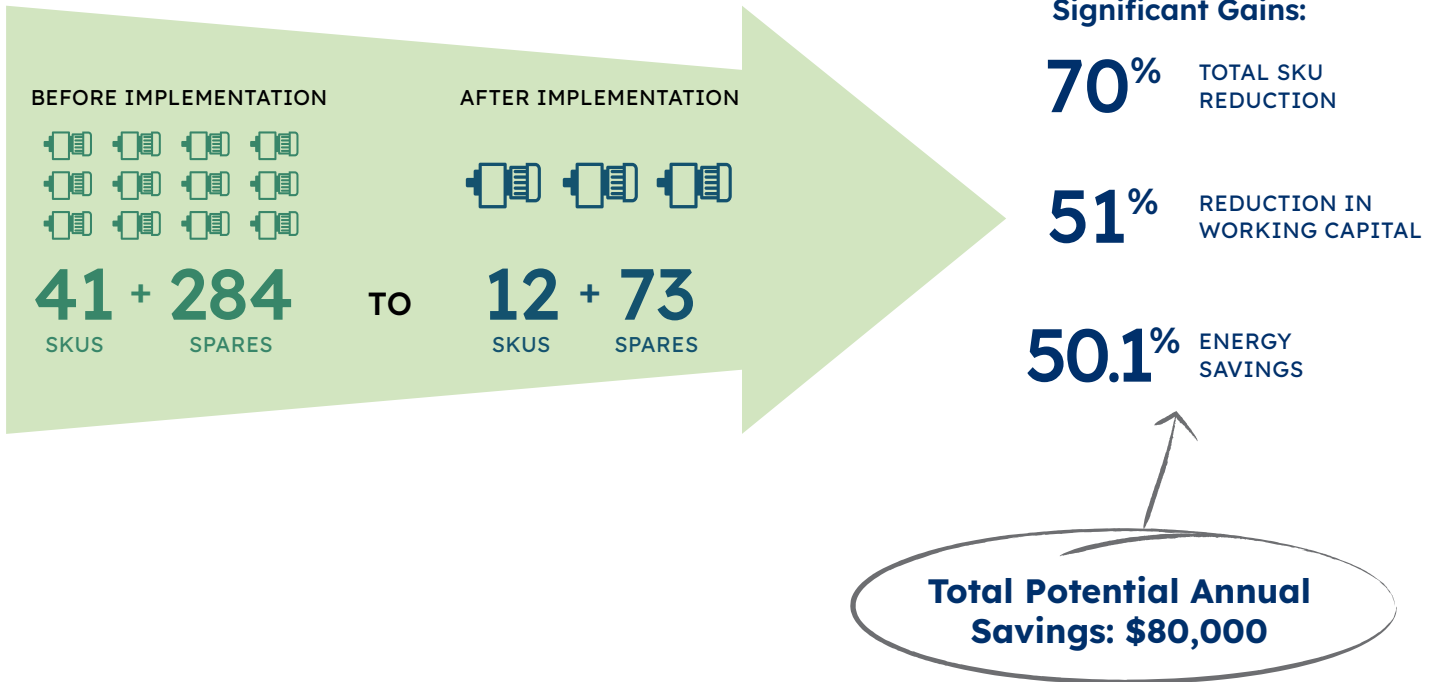
## CONCLUSION

Overall, the project delivered substantial operational, financial, and environmental benefits. By reducing SKUs, freeing up working capital, lowering annual expenses, and cutting energy consumption in half, the solution provided both immediate returns and long-term value. This scalable approach positions the company to achieve even greater impact as it is rolled out across additional facilities.

These results demonstrate how Bauer's solution can drive meaningful improvements in financial performance, operational efficiency, and sustainability—with the potential to scale across the customer's entire enterprise.



### Measurable Benefits of Bauer PMSM Implementation:



### CONTACT THE BAUER GEAR MOTOR TEAM

To schedule a comprehensive analysis of your facility by the Bauer Gear Motor Team, contact your local Regal Rexnord Sales Professional at [BauerGears.com/en/contact](https://www.bauergears.com/en/contact).

## BAUER GEAR MOTOR™

### Regal Rexnord

[bauergears.com](https://www.bauergears.com) | [regalrexnord.com](https://www.regalrexnord.com)

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