

Introducing IMPS

IMPS is a groundbreaking solution that revolutionizes energy efficiency in clutch-based induction motor sewing machines. Seamlessly integrating with your existing sewing machine, IMPS preserves the familiar and seamless usage experience while significantly reducing energy consumption. With its intelligent CPU core, IMPS optimizes the motor drive to ensure smooth operation and maximize energy efficiency. Experience substantial energy savings ranging from 45% to 70%, resulting in significant cost reductions, especially with slab-based electricity billing. IMPS helps improve the motor life, contributing to enhanced durability and long-term reliability. Choose IMPS to unlock unparalleled energy efficiency and extend the life of your sewing machine's motor.

Power saving module
for Industrial Sewing
Machines

Patented



- **Groundbreaking 45%-70% energy savings**
- **Offered in two variants: IMPS & IMPS+**
- **Seamless integration with clutch based induction motor sewing machines**
- **Enhanced motor life and maintenance**
- **2 year warranty**



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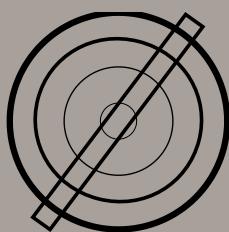


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IMPS

The IMPS variant is a bare bones power-saving module that seamlessly integrates with your sewing machine. It is a cost effective solution to make the most out of energy savings. Additionally it has the below listed essential features.

- Soft Start during power-up, preventing high inrush currents, saving energy, and extending the motor's lifespan.
- Burnout Protection of motor by preventing power-up when the motor is loaded.
- Block Loading Protection during power outages, by preventing simultaneous power-up of sewing machines.
- Reduced Capacitor bank requirement due to reduced no-load running of sewing machines.

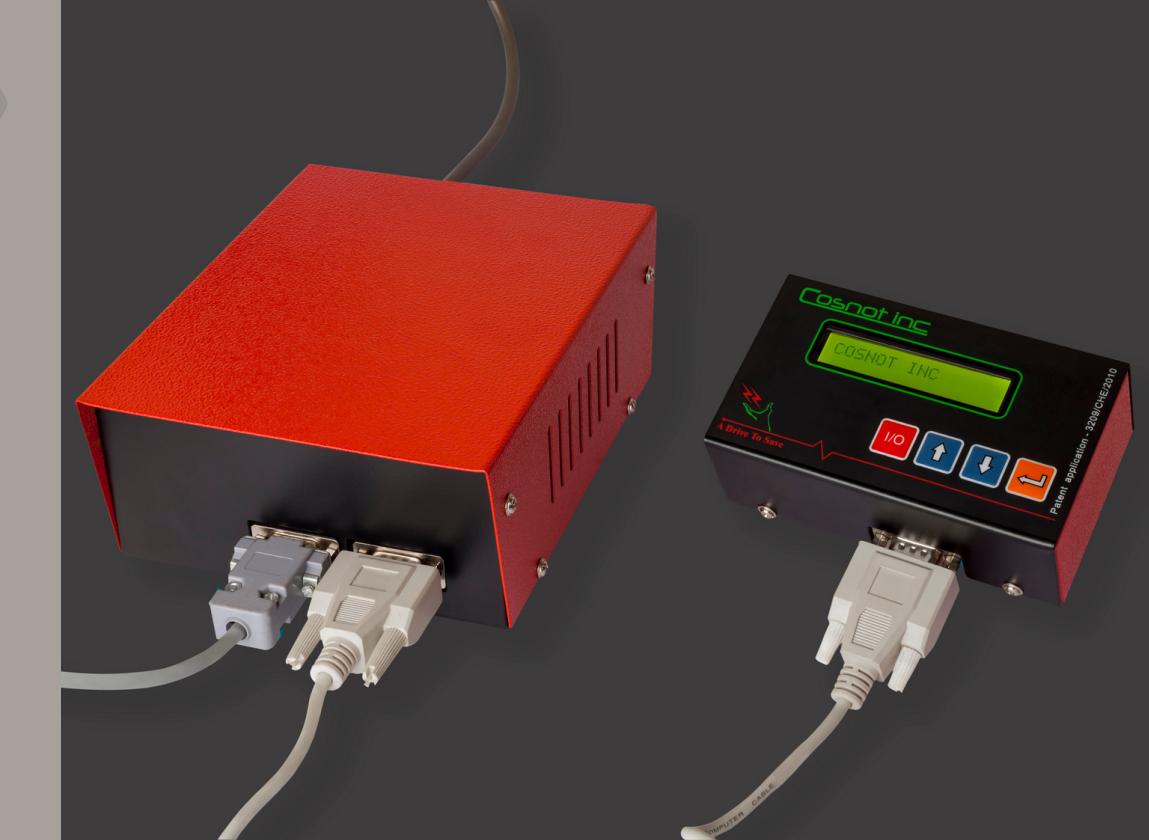


IMPS+

The IMPS+ variant takes the functionality of IMPS to the next level. Powered by a more advanced CPU core, IMPS+ offers additional features for comprehensive motor maintenance. It includes a display panel that provides valuable information with a user-friendly switch array for interaction. IMPS+ ensures optimal energy efficiency while providing added protection, enhanced motor life, and simplifying maintenance tasks. Listed below are additional features over IMPS.

- Tracking of machine hours and needle time.
- Oil change tracker and reminder.
- Clutch/breakline change tracker and reminder.
- Earth leakage protection.
- Overload protection.
- User-Determined Password

Protection: All tracked maintenance parameters in IMPS+ are secured with a user-determined password.



About our Company

At Cosnot we are driven by a passion towards energy saving. With a global push towards reduction in carbon footprint, we believe that this goal can be achieved only with last mile carbon emission reduction. In light of that, it is our goal to cut energy consumption wherever an opportunity presents.