Drives for Energy Efficiency in Injection Molding Machines

BACKGROUND
The company deals in personal care and has a global presence spanning across 5 continents and leads the way to emerge as a front runner manufacturer of fine quality razor blades.

Being a leading manufacturer of quality razor blades and other personal care products. It was imperative for the company to invest into energy saving and energy efficiency systems.

Hence, the company was looking for energy saving solutions for its large scale manufacturing facilities at Bhiwandi - Thane, Maharashtra.

For this Fuji Electric had a perfectly viable solution.

FUJI ELECTRIC SOLUTION
Fuji Electric is a pioneer in conceptualizing and deploying energy-saving solutions.

The foremost step from our side was a site visit to get a border picture of the manufacturing facility which was followed by facility and systems analysis.

The manufacturing unit was made up of injection molding machines, which was quite expected given the nature of the client’s business.

To this, our team of experts suggested the use of our VFD Frenic Ace that supports customizable logic, functional safety, and superior flexibility.

For the required solution, Fuji Provided 42 no’s VFD Panel of 22Kw & 15Kw combined.

CUSTOMER NAME
Leading Razor Blade Manufacturing OEM

INDUSTRY
Personal Health Care

APPLICATION
Injection Molding Machine

PRODUCT / SOLUTION
Variable Frequency Drive (VFD)

LOCATION
Bhiwandi - Thane, Maharashtra

RESULT
With such a massive manufacturing facility, energy-saving becomes essential and so does safety. After deploying Fuji Electric drives, the client reported around 15% energy saving. Fuji Electric is now their energy saving partner since 2019.