



TR Singapore leads green transition with advanced vacuum solvent system from IFP Europe

By TR, part of the Trifast plc Group



TR Singapore, TR, part of the Trifast plc Group has taken a major leap forward in workplace safety and sustainability by upgrading its fastener cleaning process with a new vacuum solvent cleaning machine, supplied by Italian manufacturer IFP Europe.

Installed in April 2025, the new system replaces the legacy kerosene-based method with a safer, closed-loop solution that improves operator safety, enhances air quality and reduces environmental impact by recycling solvent for reuse.

The investment follows a full review of existing practices, which flagged several operational risks from kerosene usage, including flammability, poor air quality and insufficient protective equipment.

By contrast, IFP's KP100 system delivers superior cleaning performance while maintaining air purity in the factory and removing hazardous exposure for operators.

"This isn't just an equipment upgrade, it's a cultural shift," said Eric Tay, Head of Operations at TR Singapore. "We've eliminated an outdated chemical process and introduced a technology that reflects our commitment to safety and sustainability. This system has exceeded expectations and our operators already feel the difference. It's simply a better way to work."

The system's ability to clean, recycle and recover solvent aligns perfectly with the Trifast Group's OneTR strategy, which brings together best practice and continuous improvement across all operations.

"This upgrade is a message to our customers and our team," adds Eric. "We're investing in the

future with cleaner technology and safer working environments, we're so proud to partner with IFP Europe and Kemet Far East to bring this to life in Singapore."