

Tekupit Oy

2025

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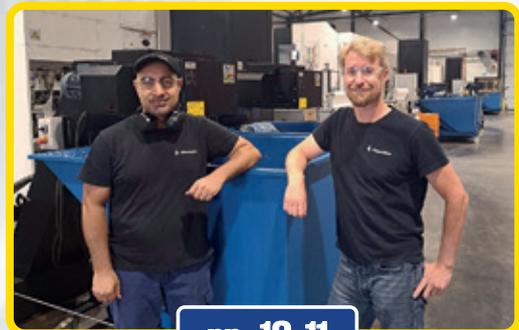
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FOR MORE INFORMATION, SEE www.tekupit.fi/en



QUALITY AND CLEANLINESS IN MACHINING – MINCON NORDIC OY RELIES ON TEKUPIT'S SOLUTIONS

Mincon Nordic Oy

www.mincon.com

The partnership between Tekupit and Ylöjärvi-based Mincon Nordic Oy began when Mincon was part of the Finnish Lehti Group. Today, Mincon Nordic is part of the international Mincon Group.

Founded in 1977 in Shannon, Ireland, Mincon now supplies drilling products worldwide through its factories across Europe, North and South America, Africa, and Australia.

Mincon's relationship with Tekupit began with purchasing pumps as spare parts. Since then, Tekupit Oy has expanded its supply to Mincon to include oil mist collectors, chip conveyors, and oil skimmers, along with pumps and

other spare parts.

Nearly all machines at the Ylöjärvi factory are equipped with Micronfilter oil mist collectors represented by Tekupit – over twenty units in total.

The factory features various sizes of KUBE series oil mist collectors, and in addition to these, Micronfilter's heavyduty ECOTECH series collectors have been installed for the largest machine tools.

Mincon's Geotechnical Center in Ylöjärvi, Finland





A large machine tool requires efficient filtration – the ECOTECH 4000 oil mist collector and the chip conveyor supplied by Tekupit for the same machine.

According to Maintenance Manager **Simo Elovirta**, Mincon values not only the high-quality products Tekupit represents, but also our expert and helpful service. In practice, Elovirta explains, this means they don't need to master all the technical details themselves – they simply tell Tekupit what their need or problem is, and Tekupit then offers a solution.

Simo Elovirta and KUBE 2500 oil mist collector





Two of the eight oil mist collectors delivered to Wipro

LONG TRADITIONS AND MODERN SOLUTIONS – WIPRO CHOSE TEKUPIT'S OIL MIST COLLECTORS

Wipro Infrastructure Engineering Oy

www.nummi.fi/en

The history of Wipro Infrastructure Engineering Oy, located in Perniö, Finland, spans more than a hundred years across various industries.

A pivotal shift came in the early 1950s, when the company began manufacturing tippers, producing its first hydraulic tipping cylinder to replace the mechanical step-ladder-type versions.

In 1965, the company, then known as Nummi Oy, expanded its product line to include boom cranes and tail lifts for trucks. After establishing NUMMI as a household name in Finland, the company began exporting in the early 1970s, first to Scandinavia and later expanding to Europe and the Middle East.

After several ownership changes, the company was acquired by Indian

conglomerate Wipro Ltd in autumn 2006. Today, NUMMI tippers and hydraulics are market leaders in the Nordic countries and among the most recognized brands in their field worldwide.

In spring 2025, Wipro completed an expansion project to relocate eight machine tools from the old facility. Previously, oil mist from the machines had been vented directly outside – a solution

WHY USE AN OIL MIST COLLECTOR?

- **Breathing air quality:** Machining processes generate oil mist that may contain harmful particles and chemicals. Air purification protects workers' lungs and reduces exposure to respiratory problems.
- **Slip hazard:** Oil mist can settle on surfaces and form a slippery film, increasing accident risks in the workplace.
- **Work environment cleanliness:** Machines and the entire work environment stay cleaner and are easier to maintain.

that no longer meets modern energy efficiency and environmental standards.

During the machine relocation, Wipro decided to invest in machine-specific oil mist collectors. These individual units offer several advantages: they're easy to size and install, and they provide flexibility for future machine upgrades and layout modifications.

Based on the offers received, Wipro selected Micronfilter's KUBE series oil mist collectors, represented by Tekupit Oy. A key factor in this decision was the competitive pricing of both the collectors and their replacement filters.

The collectors were sized according to the machine tools' characteristics, with a total of eight units delivered in four different sizes, ranging from the KUBE series 800 model to the largest KUBE 2500 model. All collectors were also equipped

with HEPA filters. The correct sizing of an oil mist collector is crucial both for its intended operation and its life cycle costs. Equally important is installation according to the manufacturer's instructions, which was reviewed together with Wipro's maintenance manager **Ari Leino** and Tekupit Oy.

According to Ari Leino, the experience with the collectors over the first few months has been positive. The collectors' bright red and white color scheme has also been well received, proving that not everything in a modern machine shop needs to be uniformly gray.

*Nummi Oy's product
from decades ago*



CUSTOMER NEEDS DRIVE NEW SOLUTIONS – TEKUPIT'S PLUS HIGH-PRESSURE UNIT

Tekupit Oy



Most customer needs can be met with off-the-shelf products. Sometimes, combining these ready-made products allows us to create a customized unit that becomes an entirely new solution. By further developing these combinations while listening to customer feedback, we can create unique products that fill gaps in the market.

One such product is our PLUS high-pressure system, launched by Tekupit in 2023. This system combines a coolant filtration system and a high-pressure pump, connected by a 400-liter coolant tank. While our previous product range included a high-pressure pump with a cyclone filter for similar applications, it couldn't meet the demands of customers who needed increased coolant volume.

A New Solution for Growing Pressure and Coolant Volume Requirements

While we initially developed this system for a single customer, we quickly recognized its broader market potential. The interest and questions we received about the system at the 2023 subcontracting fair confirmed that further development would help us realize its full potential.

The Role of Control in the Device's Evolution

Electronic control and its related functions have been key to our system's development. We began with the Micronfilter Easy 50 coolant

filtration system's control box, adding only the components needed to operate the high-pressure



We are grateful to all the companies who have participated in this development project for their contributions and their trust in our company.



High-pressure unit delivered, installed, and ready for use at the customer site

pump and the supply pump that transfers coolant from the machine tool to the high-pressure unit. However, when designing the next unit, we faced a challenge: our customer wanted to include a Kalamit magnetic cleaner, but the additional components could barely fit into the small control box.

A Larger Control Cabinet Allows for New Functions

Our next step was to work with a domestic subcontractor to replace the entire control box with one twice the size. This larger box allowed us to add new functions and offer more versatile machine tool connectivity options. We created the first version using Siemens LOGO! compact logic, though at this stage, logic control remained optional.

As our options expanded, the system became increasingly complex and difficult for customers to understand. We also realized that the cost of these various options was relatively small compared to

the overall system price.

We therefore decided to incorporate most of the optional functions into our standard system and offer it in two versions: BASIC and COAX. The BASIC version includes all previously optional control functions, while the COAX version also offers the ability to adjust the pressure produced by the high-pressure pump under machine tool control. We also slightly increased the control box size to accommodate future developments.

All these developments have taken place during the first two years of our high-pressure system's life cycle. Even we cannot predict what innovations the next year or two will bring. One thing remains certain: without you, our customers, our product development would not have advanced this far.



www.tekupit.fi/en/products/coolant-filtration/coolant-filtration-system-with-high-pressure-pump-and-400-litre-tank

FOR MORE INFORMATION, SEE www.tekupit.fi/en





PARTNERING WITH A MARKET LEADER

Dematec Polska Sp. z o.o.

www.dematec.pl/en

Tekupit serves two key customer segments:
end customers and resellers.
Our reseller network includes
machine tool maintenance professionals
and importers in Finland and
across Europe.

Among our most valued partners is Dematec Polska Sp. z o.o., a leading force in the Polish machine tool market. As a comprehensive solutions provider, Dematec Polska delivers expert support throughout a machine's life cycle – from initial delivery and operator training to maintenance and spare parts services.

Founded in 2002, Dematec Polska has established itself as a premier solutions

provider in the machine tool industry. They represent prestigious brands including DN Solutions, Murata Machinery, Tsugami, Enshu, and Trident Company, offering cutting-edge machinery and technology.

Their technical expertise is backed by a team of over 30 qualified service engineers, working in collaboration with an international network of machining



specialists and equipment manufacturers.

Dematec Polska maintains their market leadership through a robust spare parts support system, partnering exclusively with verified suppliers to provide original, certified parts for global manufacturers. Since 2016, Tekupit has been proud to serve as one of Dematec's trusted spare parts suppliers.

Throughout our partnership, Dematec Polska has consistently ranked among Tekupit's top ten customers, occasionally even holding the position of largest customer. Our supply relationship includes critical components such as oil skimmers and coolant pumps.

The collaboration has extended beyond simple supply and demand. Dematec's valuable input in product development led to the creation of the ACPQ series pump system – a complete plug-and-play upgrade solution, featuring custom mounting brackets and accessories, designed for situations requiring enhanced pressure capabilities in existing machinery.



ACPQ-400HSP 280 pump and stand set with installation accessories





Jarkko Haavisto (right) with machinist George Adam

COLLABORATION AND TRUST AS THE FOUNDATION FOR GROWTH

Juhani Haavisto Oy

www.juhanihaavisto.fi/en

Founded in 1987,

Juhani Haavisto Oy is a machine shop based in Kotka, Finland. The company employs around 100 metal industry professionals, with approximately 20 % of its production exported directly to various European markets. Through its customers, Juhani Haavisto's products reach markets worldwide.

According to CEO **Jarkko Haavisto**, the company made a strategic decision in the early 2010s, following the financial crisis, to focus on long-term customer partnerships rather than maintaining a wide product range with small production runs.

This decision proved wise, as

the company's turnover has grown steadily since then. Today, Juhani Haavisto Oy serves leading equipment manufacturers across multiple industries: paper and pulp, energy, mining, stone crushing, marine industry, and cleantech.

The company's core values – Partnership, Transparency,



On top of the Mazak lathe, a Microoil oil mist collector with a HEPA filter supplied by Tekupit

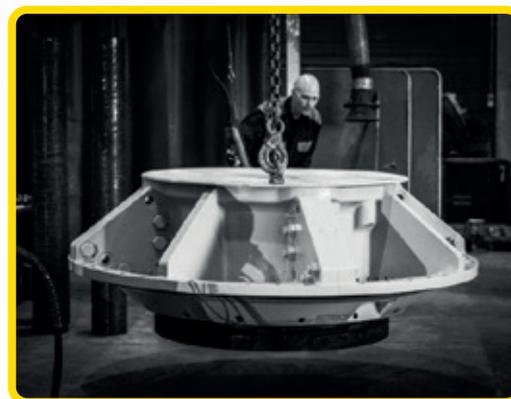
“Just as with customer relationships, long-standing partnerships with suppliers bring valuable benefits.”

Community, and Development – have provided a strong foundation for growth. These values are particularly vital today, as companies compete fiercely for skilled workers.

Just as with customer relationships, long-standing partnerships with suppliers bring valuable benefits. Built on mutual trust, these relationships allow for open discussion of ideas even before they become formal plans or projects. This approach enables suppliers to contribute their expertise toward achieving optimal solutions. This collaborative model represents how Tekupit Oy works with Juhani Haavisto and all its other customers.

Throughout this long-standing collaboration, Tekupit Oy has supplied

Juhani Haavisto with numerous chip conveyors, oil mist collectors, skimmers, and pumps – essentially almost everything that has been part of Tekupit’s product range.



In 2025, a record number of chip conveyors will be delivered to our customers.

70 % of the customers placing orders have previously purchased conveyors from us.

This is a clear indication of the quality of the conveyors we represent and the satisfaction of our customers.



**THE REDESIGNED
TEKUPIT
COMPACT STAND
FOR CYCLONE FILTERS**

features a simpler,
more modern design
while improving
practicality compared
to the previous model.

TEKUPIT OY – OUR MOST IMPORTANT PARTNERS:

SARIGÖL CONVEYOR SYSTEMS – chip conveyors | **MICRONFILTER** – oil mist collectors and coolant filtration systems
A-RYUNG MACHINERY INDUSTRY CO. LTD – pumps | **ZEBRA SKIMMERS** – coolant maintenance

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