



FINNISH AGROTECHNOLOGY – INNOVATIVE SOLUTIONS FROM HARSH CONDITIONS

OPEN, SUSTAINABLE AND CLEAN
PRODUCTION CHAIN DEVELOPED
WITH FARMERS' EXPERTISE THAT
YOU CAN TASTE IN THE FOOD

Customer collaboration is at the heart of Finnish agrotechnology. In a relatively small country, it is easy to involve end-user in product development. It also explains why most Finnish manufacturers consult with local farmers when coming up with new products and services. Finnish agricultural machines also need to be tough and easy to maintain, since Finland's weather conditions are exceptionally harsh, with extremely cold winters and short summers. Modern technology combined with high-quality manufacturing guarantees that machines can work in all weather conditions and in any situation.

RELIABLE, SUSTAINABLE AND PRACTICAL FROM HARVEST TO MARKET

Finland has a long history in agricultural machinery. Co-operation with farmers has traditionally been close, resulting in machines that are always well suited to their needs. Nowadays, Finnish agro machinery companies design and manufacture to very high standards of workmanship, producing machines and products adaptable to the demands of modern-day farmers in any part of the globe. The new technologies based on digitalization, automation, robotics, artificial intelligence and location data are already in use in primary production. By using the possibilities of the industrial Internet in working machines, we can save money, minimize environmental impacts and make production more efficient.

Finland is an Arctic country, where waterways and plants are highly vulnerable to the environmental impact of agricultural practices. Sustainability therefore always comes first when Finns roll out new agrotechnologies. One of the things Finnish agrotechnology is recognized for internationally is its high-quality solutions. Nearly all Finnish companies operating in the sector are ISO 9001:2008 certified, with several companies supporting 14001:2004 environmental certification. Moreover, Finnish agri machine companies invest heavily in quality control and product testing.

THE MAIN AGROTECHNOLOGY INDUSTRY SEGMENTS



Because Finnish agromachines are top of the line, they are considered investments. When machines work as they should, productivity increases, and time and money are saved. The key is to customize the product to meet the client's needs. Because farmers around the globe have different requirements, **Agricultural Machinery and Solutions** must be scalable and customized. Add highly refined support and service functions to the mix and it's no surprise that Finnish know-how, in the form of agromachines, is found all over the world.

Food produced in Finland is clean - and you can certainly taste it too. The excellent quality of our food is based on the well-being of animals, high quality standards, and modern agricultural technology that supports both of these. Today, almost every farm possesses automation that helps them achieve efficiency as well as better living conditions for the **Livestock** than ever before. In a similar fashion, cleanliness, effective feeding systems and good indoor air improve the comfort of the workers and save time. Digitalization and smart solutions are already commonplace, and applications made possible by sensor technology can be easily introduced from other sectors to cowsheds.

Finland is often called "The Land of a Thousand Lakes". However, people tend to forget that Finland is also the land of forests, which cover 75 percent of the nation's land area. To understand this scale, you might find it helpful to know that Finnish forests represent over 10 percent of all the forests in the European Union. The forestry industry's strength has led to progress in the production of forest-related products. Finnish companies create a variety of high-tech machines, from log splitters to harvesters to forwarders. Finnish **Forest and Utility Machines** are often regarded as high-quality, efficient, and reliable, as well as safe.

EXAMPLES OF COMPANIES IN THE INDUSTRY CATEGORIZED BY THEIR FIELD

Agricultural Machinery and Solutions: Antti-Teollisuus, Elho, Junkkari, Pel-Tuote, Sampo Rosenlew, Valtra

Solutions for Livestock: Faba, Figen, Demeca, JPT-Industria, Kometos, Nipere, Pellon Group

Forest and Utility Machinery: Agromaster, Avant Tecno, Maaselän Kone, Palax, Suokone

MORE INFORMATION

BUSINESS FINLAND: AGROTECHNOLOGY

<https://www.businessfinland.fi/en/do-business-with-finland/explore-finland/agrotechnology/>

TAKING CARE OF OUR GREEN GOLD IS PRIORITY NUMBER ONE

Finland is a relatively small country, and agriculture – like any other industry – must continually pursue innovations. In the field of agriculture, new machines that consume less fuel or that use environmentally friendly fuel are slowly replacing traditional machines. We are proud of our agrotechnology companies and their high-quality products. Our target is creating even better products and innovations without sacrificing our forests and their unique nature. Forests are Finland's fortune and they offer almost endless possibilities. We want to reach the pinnacle of agrotechnological development and show the world what we can do, while at the same time taking care of our vital natural resources.

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