

# AGRO TECHNO TLOGY

FROM FINLAND

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Cover photo: Sampo Rosenlew



Finland's weather conditions are exceptionally harsh, with extremely cold winters and short summers. So Finnish agricultural machines need to be tough and easy to maintain. There is no other option. If the harvesting season lasts only 2–3 weeks, your machinery simply cannot fail. Soil quality also varies greatly in Finland, which is why Finnish agrotechnology can handle all kinds of terrain, from hard clay to rocky soil.

Winter, spring, summer, fall – Finnish agrotechnology is an investment you can trust for years to come.

# RELIABLE AND PRACTICAL FROM HARVEST TO MARKET

### **FARMERS KNOW BEST**

Customer collaboration is at the heart of Finnish agrotechnology, which is why most Finnish agro-tech companies consult with local farmers when developing new products and services. Finland is also a relatively small country, where sharing knowledge is the way of the land. Involving the end user in the product development process is surprisingly easy in Finland.

An excellent example of this collaborative mindset is the Finnish tractor and agricultural machinery maker Valtra, which encourages tractor buyers to join the company's product development team as consultants. Thanks to the efficient management of customer insight, Finnish agro-tech companies can flexibly manufacture products 100% tailored to the needs of farmers.

### **QUALITY ABOVE ALL**

Finnish agrotechnology is recognized internationally for its superior quality, with Finnish manufacturers of forestry machinery taking pole position as global technology leaders. One reason for this success is that Finnish companies plough a significant part of their turnover back into R&D.

Nearly all Finnish agrotechnology companies are also ISO 9001:2008 certified, with several companies supporting 14001:2004 environmental certification. Moreover, many of these companies invest heavily in quality control and product testing, while at the same time cooperating with leading international brands.





Photo: Valtra

# SUSTAINABLE, SAFE, TRUSTED.

### SUSTAINABILITY COMES FIRST

Finland is an Arctic country, where waterways and plants are highly vulnerable to the environmental impact of agricultural practices. No wonder sustainability comes first when Finns rollout new agrotechnologies. In Finland, increased productivity must always take into account the needs of Mother Nature.

The widespread use of environment friendly motor technologies is a telling example of this commitment to sustainable agriculture. For example, Sampo-Rosenlew, a leading Finnish manufacturer of harvesters and forest machinery with sales in over 50 countries, uses selective environmental technology in its combine and harvester motors. Sampo's solutions enable effective engine power output at a lower engine speed and with a 10% reduction in fuel consumption. Finnish tractor manufacturer Valtra also focuses on the use of biodiesel and minimizing engine idle speed, both significantly improving the environmental friendliness of its vehicle offering.

### SAFETY THROUGH INNOVATION

Product safety is serious business for farmers and agribusiness professionals. That's why Finnish manufacturers are continuously investing in safety-enhancing innovation. Finnish companies like Japa, a leading manufacturer of firewood machines, and Avant Tecno, the makers of popular Avant loaders, are at forefront of product safety development. Their solutions combine field-tested usability and product design with innovative safety features.

### TRUSTED INVESTMENT

Winter, spring, summer, fall – Finnish agrotechnology is an investment that delivers for years to come. Payback times range from 3 to 8 years, with minimal downtime and upkeep costs. Finnish makers of agricultural machinery also provide first-class spare part and support services, with fast global delivery. Machinery and equipment can also be upgraded or scaled up to meet growing demand.







# **Agronic**

### **COMPANY**

Agronic develops and manufactures high-quality products that have been designed to withstand the demanding northern conditions. Our key products include bale wrappers, balers and slurry tankers, all custom-fitted according to our customers' needs.

Our company was founded in 1993. Approximately 50 per cent of our products are exported abroad.

### **PRODUCTS**

Our products are famous for their dependability and innovative qualities. When developing our products, we pay constant attention to our customers' needs.

As we control the entire production process from product development to manufacturing, we are able to make country-specific changes to our products. The sturdy structure of our products conceals a wide variety of advanced electronics, the reliability of which is a top priority to us.

The design, programming and manufacturing of the electronics is the responsibility of our subsidiary, Prodevice, whose expertise is also relied on by many other manufacturers of agricultural machinery.



### AGRONIC OY

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### Sales

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PILKEMASTER FIREWOOD PROCESSOR - SAFE, STRONG, FAST



# Agromaster

### **COMPANY**

We design, manufacture and market firewood processors that make work faster and easier for their user. Our products are constantly improved thanks to the attention that we give to every piece of feedback from our customers. Our design and manufacturing process are 100% made in Finland. That way we can be sure of the high quality of our products.

Agromaster was founded in 1997 and has a factory in the town of Lemi, Finland. Our efforts towards manufacturing premium quality firewood processors have been rewarded by several national awards. More than 50% of our machines are exported.

### **PRODUCTS**

### Pilkemaster EVO family

Saw chain equipped firewood processor for tractor PTO or on a trailer platform.

### Pilkemaster SMART

You can produce firewood while sitting comfortably in the cabin, as the tool is fixed to the front loader of your machine.

### Pilkemaster Super

Automatic firewood processor.

The machine feeds, cuts, splits and carries the firewood directly onto your trailer.

# AGROMASTER PILKEMASTER®

### AGROMASTER OY

Teollisuustie 8 FI-54710 Lemi, Finland Tel. +358 20 741 3322 Fax +358 5 414 6502 info@agromaster.fi www.pilkemaster.com

### Sales

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ECONOMICAL HEATING

# Ala-Talkkari

### **COMPANY**

Veljekset Ala-Talkkari is a versatile Finnish family business in the metal industry. The Veto brand has been well-known in the heating appliance industry since 1955. The company exports its products to Germany, France, Sweden, Norway, Denmark, the UK, Ireland, the Netherlands, Russia, Spain, Estonia and Latvia, among others. Approximately 45% of all production is exported.

Ala-Talkkari currently has approximately 90 employees, with a turnover of roughly EUR 12 million.

### PRODUCTS AND SERVICES

- · Central heating boilers from 30 to 990 kW
- Solid fuel feeding devices (wood chips, pellets and briquettes) – silo (hopper) sizes range from 500 l up to 500 m<sup>3</sup>
- · Burners from 20 to 990 kW
- Control centres containers are always manufactured according to the customer's individual requirements with power options ranging from 30 kW to 2 MW (2 x 990 kW)
- Devices for environmental maintenance snow blowers and sanding gear for home and professional use

# **ALA • TALKKARI**

### VELJEKSET ALA-TALKKARI OY

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# **Antti-Teollisuus**

### **COMPANY**

Antti has been renowned for its expertise in agriculture for more than 60 years.

Dryers are equipped with familiar features that have been tested and proven to work even in the most difficult drying conditions. Antti provides dryers for a wide range of applications.

### **PRODUCTS**

Antti grain dryers represent the best in the field. Antti dryers are tested and proven to work even in the most difficult drying conditions. Antti oil- and gas-fired heaters are at the heart of the process.

The Antti product range also includes bioheaters. Bioheaters are a cost-effective option that provides savings in fuel costs. Antti Hipress and Vacboost bioheaters can be fired with wood chips, peat, pellets and other suitable biomass fuels.

The high-performance heat exchanging technology of Antti heaters guarantees the quality and purity of your grain. Best grain drying for food, malt, feed and seed.

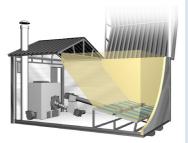


### ANTTI-TEOLLISUUS OY

Koskentie 89 FI-25340 Kanunki, Finland www.antti-teollisuus.fi

### Sales

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Bio heating farm container for wood chip. Equipped with a hydraulic roof.

MultiJet bio burner (40–1,500 kW) is designed to utilize several different kinds of bio fuels



MODERN BIO
HEATING IS AN
ENVIRONMENTAL
FRIENDLY AND
AFFORDABLE WAY
TO TAKE CARE
OF HEATING



# **Ariterm**

### **COMPANY**

Ariterm is a finnish manufacturer of heating systems. Our main products are central heating boilers used for heat production and service water heating, bio burner equipment and bio heating system solutions. Product range features several modern heating solutions for private homes, larger living spaces and industrial properties.

**Ariterm is actively taking part** in the development of the heating industry and works in close contact with various organisations and officials in the field. We use a certified ISO 9001 quality system and certified environmental system that follows the ISO 14001 standard.

**Ariterm boilers** are manufactured according to the H or H1 module of the Pressure Equipment Directive (PED). All the boilers have a CE 0424 stamp which has been granted by Inspecta Tarkastus.



### ARITERM OY

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### Sales

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# **Avant Tecno**

### **COMPANY**

Avant Tecno's innovations have taken the company along a road of growth and international success. This Finnish company is a leading manufacturer of compact wheeled loaders, and sales have been made as far away as Australia and South Africa.

With lift capacities ranging from 350 to 1,400 kg, the multi-purpose Avant loaders are popular especially in agriculture, landscaping, the construction industry and property maintenance.

With over 100 different attachments, the Avant is a genuine multi-task machine that can tackle almost any job.

### **PRODUCTS**

### Seven model series:

- Articulated Avant 200, 400, 500, 600, 700 and R series
- · Skid steer Avant 300 series

### Attachments:

- · Agriculture: silage forks, bale grabs etc.
- · Landscaping and groundcare: lawn mowers etc.
- Earthmoving and material handling: general buckets, pallet forks etc.
- Property maintenance: rotary brooms, snow blowers etc.



### AVANT TECNO OY

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# **Biofire**

### **COMPANY**

Biofire manufactures heating centres fuelled by wood chips, pellets, sod peat, construction waste and grain. Our projects are implemented either as equipment deliveries or turnkey solutions where we deliver the complete device by either constructing it on site or as a heat container solution. Our systems are capable of handling extremely coarse-grained fuel.

### **BIOMASS HEATING SYSTEMS**

Our products are EN303-5 tested.

### **HAKE PP**

- Pull bar feeder systems 60–800 kW **HAKE TP**
- Pull bar storage systems 60–4,000 kW **DRYER PP**
- Dryer heating centres 100–1,600 kW **PELLET**
- Pellet systems 60-4,000 kW

# **BIOFIRE OY**

### **BIOFIRE OY**

Nummijärventie 479 FI-61910 Nummijärvi, Finland Tel. +358 6 233 2267 biofire@biofire.fi www.biofire.fi







# **DEMECA**

### **COMPANY**

DEMECA offers solutions for better productivity of milk and beef production, ease and expedite daily routines in farms and savings in lifetime costs.

We are designing, manufacturing and testing all our products to withstand and fulfill the needs of northern conditions

### **PRODUCTS**

### Automated cow stall bedding system

Our patented bedding device delivers bedding material easily to cow stalls. Clean and dry bedding is one of the most important thing what comes to milking hygiene and udder health.

### Natural ventilation systems for cow sheds

Our natural ventilation system is designed for northern conditions and tested in hundreds of cowsheds in Finland.

### Slurry circulation system

The slurry circulation system makes even the thickest slurry flow again in the blocked gutters. It eliminates the need to dilute the slurry with water and mix it manually.

### Crushing slurry pumps

Our slurry pump systems are used in various tasks. Integrated crusher and smart control unit ensures that slurry becomes homogenized and well pumpable.

### Farm size biogas plant

Smart and modulated biogas plant with excellent cost efficiency. Better productivity for your farm.

# **DEMECA**

### **DEMECA OY**

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### Sales

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ELHO
IS AN INNOVATIVE
COMPANY THAT
GIVES YOU
A LITTLE BIT MORE!
WE ARE
ALWAYS AHEAD!

# **ELHO**

### **COMPANY**

ELHO designs and manufactures innovative and highquality agricultural machinery. We work closely with our end customers and dealers around the world to make our machines as well working, user-friendly and sustainable as possible. Most of our production is exported around the world.

The family owned company was established in 1968. We are about 120 people.

### **PRODUCTS**

The main product groups are bale wrappers, disc mowers/mower conditioners, equipment for environmental care and for feeding.

The ELHO bale wrapper range is large. We produce mounted and trailed wrappers -automatic, semi-automatic and cable controlled.

Plain disc mowers and mowerconditioners, mounted and trailed, with working widths from 2 to 10.5 meters with innovative solutions.

We manufacture machines to keep the environment clean from bushes, grass and shrubbery. The range includes both rotor and chain mulchers. The machines are well suited for entrepreneurs.



### ELHO OY

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### Sales

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# **Elomestari**

### **COMPANY**

Elomestari is a small company specialising in services for organic farmers. We have been developing and manufacturing small-scale professional farming equipment for vegetable growers since the start of the 1990s. We carry out continuous product development, both in our own fields and in cooperation with our customers.

### **PRODUCTS**

Weed Master is a small, hand-pushed tool carrier for use by vegetable growers for weed control. The flexibly adjustable frame can be used for attaching various seeders, weed flamers and hoes. Several components have been modified from light tractor tools and have proved their worth in functional use. An electrically assisted model is also available.

The Crawler is a motorised lay-down working cart designed for more effective horticultural handwork. Lying face-down on the ergonomically shaped frame, handwork proceeds efficiently and effortlessly. The silent electric motors operate from a standard car battery which permits 4–10 hours of work when fully charged.



### **ELOMESTARI OY**

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### Sales

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# **Epec**

### **COMPANY**

Founded in 1978, Epec holds a strong position as a solution provider specializing in intelligent control systems and information systems for even the most demanding conditions. We offer an complete solution, from control units to project services and design. We also serve our customers with industrial internet applications and remote access solutions.

Our main customers include global mobile machine and utility vehicle manufacturers worldwide.

# Powerful and robust control units and displays specially designed for extreme conditions

All Epec control units and embedded displays rely on a robust design and are produced in-house to meet the harsh operating environments of mobile machinery.

IP67-rated housings, a -40°C to a +85°C temperature range and protection against mechanical shocks up to 100G are common to the control units. Epec units comply with normal automotive standards for EMC and are certified for automotive use according to e17.

In addition to the CANopen® communication protocol, SAE J1939 and ISOBUS are also available.

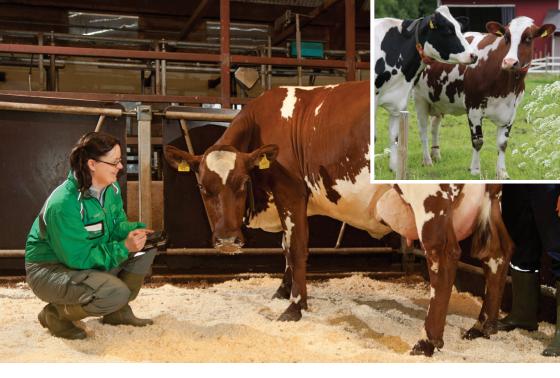


### EPEC OY

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### Sales

Tel. +358 20 760 8111 sales@epec.fi



# **Faba**

### **COMPANY**

Faba Co-op is a breeding cooperative, an authorized herd book keeping organization responsible for national cattle breeding activities in Finland. Faba provides comprehensive support of dairy and beef farming all over the country. Faba offers a wide range of services for Finnish farmers from breeding advising to artificial insemination and embryo transfer. Faba is also involved in export of the high quality genetic material and technologies.

Nordic breeding philosophy for a long time has been focusing on a broad variety of important traits to create profitable milk cow. Besides an excellent productivity along with high milk components Finnish cows are known for the good health and fertility. Post-sales support provided by Faba includes mating planning, semen recommendations, breeding consulting etc.



### FABA CO-OP

Korpikyläntie 77 FI-15871 Hollola, Finland www.faba.fi

### Sales

Olga Smirnova Export Manager +358 400 124 754 export@faba.fi





# Farmi Forest

### **COMPANY**

Farmi Forest Corporation is an engineering company and one of the pioneers in developing and manufacturing forest machines to be installed on farming tractors.

Farmi Forest exports machines to every corner of the world through its importers and their retail networks. Export account for over 80 per cent of the company's turnover. Farmi Forest Corporation is a subsidiary of Normet Corporation. Founded in 1962.

### **Wood Chippers**

- for landscaping, max wood Ø: 100-260 mm
- for bioenergy, max wood Ø: 180-380 mm

### **Skidding Winches**

- with Ratchet Brake, line pull: 3.0-5.0 t
- with Band Brake, line pull: 3.5-8.0 t
- Hydraulic Winches, line pull: 1.4-3.0 t

### **Forest Cranes**

- · lifting capacity: 27-80 kNm
- · lot of accessories

### Firewood Processors

• splitting diameter: 30-36 cm

### **Forest Trailers**

• loading capacity: 7-13 t, 4WD models



### FARMI FOREST CORPORATION

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### Sales

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FARMTOOLS –
YOUR EXPERT
IN FUEL OIL TANKS
FOR STORAGE AND
TRANSPORTATION.
SAFE STORAGE
OF ENERGY
IS OUR MISSION

# **Farmtools**

### **COMPANY**

Farmtools is one of the top oil tank companies in Finland, manufacturing FARMEX® tanks for the storage and transport of fuel oil. Farmtools is a long-standing and valued company in the Finnish agricultural trade. We have more than 50 years of experience in fuel tank manufacturing. FARMEX is a widely recognized and reliable brand. We invest in quality, and our expertise lies in providing safe and practical, environmentally friendly solutions. We carry out continuous product development work in co-operation with end users and in response to the needs of our customers.

### **OUR FARMEX PRODUCTS AND SERVICES**

- FARMEX stationary fuel oil tanks
- FARMEX IBC transportable fuel oil tanks
- Tanks for use on worksites and in contracting work
- Solutions also available for groundwater areas

Products are examined by Inspecta, while IBC tanks areapproved by VTT Technical Research Centre of Finland. Production has ISO 9001:2015 sertification. Farmtools is an inspection body for IBC containers.

# Farmtools Oy

### **FARMTOOLS OY**

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### Sales

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FIGEN GENETICS

- PROGRESS
FOR TOTAL
ECONOMY

# Figen

### **COMPANY**

Figen is the major Finnish swine genetics supplier that offers high-performance live animals and fresh boar semen for breeding purposes. Figen operates a comprehensive breeding programme and produces high-performance boars and gilts for pork producers globally.

Figen focuses on total economy in breeding. We emphasize effective piglet production where each piglet reaches a good growth rate, an efficient feed conversion ratio and high lean meat content.

### **FIGEN GENETICS**

Figen Landrace and Large White are reliable choices for producing F1 hybrid parents due to their supreme fertility and efficient meat production characteristics. Figen Landrace and Large White farrow large, evenly-sized, vigorous litters, mother them well with high weaning scores and ensure top quality production traits in commercial pig production. Figen Muscle is the top high-performance terminal sire for the production of commercial pigs. Figen Muscle makes sure that your commercial pigs will reach high daily gain, good feed efficiency and high lean meat content.



### FIGEN LTD.

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### Sales

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Mr. Tomas Gäddnäs Managing Director tomas.gaddnas@snellman.fi







# **FinnLacto**

### **COMPANY**

Our Meijerin product family designed for milk producers covers all the equipment required for milk production. FinnLacto was founded in 1987.

### **PRODUCTS**

### **Powder Maid**

Designed for calf-feeding with feed additives. A unique idea. Milk is being prepared in a 10-litre bucket. The calves drink the milk through teats. When the bucket is empty the Powder Maid prepares a new portion!

Two models available: for 15 and for 15 to 80 calves.

### Vasikka Master

This unit controls and follows up calf-feeding individually with RFID tag. When a calf comes into the feeding box the (ear or collar) tag is read and identified. All the calf information can be read from the robust display.

Concept is modular, so that it can be tailored for 1 to 16 feeding boxes and 10 to 250 calves.

### Milk Maid

A battery-driven trolley makes milk mobile. This unit is a must for calf igloo farms with more than 20 calves!



### FINNLACTO OY

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### Sales

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# **General Finland**

Top quality food stuffs from local raw materials. Finnish Cleantech knowhow at its best from General Finland

**GF AGRI offers** the prerequisites for initiating and increasing business operations, and also for making them more versatile. Everything that you need is included in the basic delivery, such as guidance and training, which also increase the expertise on energy efficiency, environmental protection, and animal welfare. Finnish service and experience creates the practical preconditions for production, where the utilization of research data and existing skills is important.

We deliver solutions for feed manufacturing, primary production, slaughterhouse and cutting plant, meat processing, milk processing, storage and logistics, utilization of side flows, infra, safety, heredity of useful animals, life cycle services, education, investment project, definition of needs/requirements, design, construction, implementation and use, financing and GF Academy.



GENERAL FINLAND CO-OPERATIVE

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### Sales

Mr. Tapani Koivula CEO Tel. +358 40 560 6611 tapani.koivula@generalfinland.fi



# **Isme Sales**

### **COMPANY**

ISME manufactures ISME front loaders that are attached to tractors. ISME is a small family-owned company and founded in 1991.

### **PRODUCTS**

The ISME front loader range includes 13 different models (named according to lift capacity). The minimum lift capacity is 120, the 230B is the largest. The subframes of the front loader to the tractor are manufactured for most of the tractor models. In addition, ISME offers a wide range of implements. Cabel control is included in the price of the front loader.

- Booms made from special steel, guaranteeing flexibility; raw material Raex 640 5–6 mm.
- Easy to service, lubrication points accessible on both outer sides.
- All pins with lubrication, guarantee of a long service-life, joint bearings, replaceable bushings.
- Wide-angle set of joints enables wide angles of rotation for the scoop.
- · Mechanical stabilisers as a standard supply.



### ISME SALES OY

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### Sales

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PROFESSIONAL IN FIREWOOD PROCESSORS

# Japa

### **COMPANY**

Japa® is a one of the market leaders in the firewood machine sector, and our machines are trusted by both professionals and private users. All Japa® products are designed by our product development team and we pay particular attention to product safety. Our range of products provides options for various purposes, from leisure residences to professional users.

Japa® firewood machines are designed and manufactured in Laitila, Southwest Finland, with decades of experience.

### **PRODUCTS**

The extensive range of Japa® firewood machines contains ideal products for both private and professional use. We manufacture firewood machines with chainsaw and circular saw solutions. In addition, our range of products includes horizontal log splitters and various accessories related to firewood processing. Our firewood machines are the best in the market when comparing their power/size and price.

In 2015, we released the Japa® 435 professional machine equipped with a revolutionary splitting method and cleaning mechanism and the Japa® 235 firewood machine for leisure users

# Laitilan Rautarakenne Oy



### LAITILAN RAUTARAKENNE OY

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### Sales

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# FEED FACTORY INNOVATOR FROM FINLAND



# JPT-Industria

### **COMPANY**

JPT-Industria Oy is a Finnish company specialized in modular structure feed mills and biomass processing plants from agriculture to industry with different capacities. We offer turnkey fully automated solutions for the production of poultry, beef, pork, fish feed and pet food; fertilizer and biofuel production.

### **PRODUCTS**

JPT-Industria Oy has over 30 years of experience in the processes in different industries. Our modular construction is the fastest, most cost-effective and safe way to start production. All the equipment installed in our modules has already been tested in Finland, so installation and commissioning is quick. High level of automation reduces labor costs and improves production quality.

**Famix** 2,5 – 10t/h mash feed **Famix PMF** 2,5 – 10t/h pelletized feed

Famix FLX 2,5t/h extruded fish feed or pet food Module 10 – 50t/h pelletized feed WMPL pelletized wood and biomass



### JPT-INDUSTRIA OY

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### Sales

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# **Junkkari**

### **COMPANY**

Junkkari is a Finnish supplier of agricultural and forestry machines, designing, marketing and manufacturing machines for sowing, transportation and forestry. Junkkari is based in Kauhava, in Southern Ostrobothnia, Finland.

Junkkari's exports have increased steadily over the last decades and now approximately half of the production goes to export. There are about 30 export countries in total, and the main market is Europe.

### **PRODUCTS AGRI**

- Seed drills
- · Acid applicators **FOREST**
- Cranes
- Timber trailers
- Wood chippers **TRAILERS**
- · Tipping trailers



Junkkari is a part of MSK Group. The other companies within the group are MSK Cabins Oy, MSK Plast Oy and Juncar Oy.

# Junkkari Part of the MSK Group

### JUNKKARI OY

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### Sales

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# **Kometos**

The module production facilities manufactured by Kometos are suitable for various sectors of the food processing industry where there is a need for hygienic, high-capacity and, if necessary, modifiable and expandable production plants. Our modular facilities comply with EU standards, and the CE approval of our products guarantees reliable operation and safe use.

### **PRODUCTS**

### Modular production plants

- Slaughterhouses
- Meat processing plants
- · Fish processing plants
- · Mobile slaughterhouses

### **Customers**

- Food industry
- Slaughterhouses
- · Farmers and corporate farmers

Our design and manufacturing programmes cover individual machines, standard production lines, container slaughterhouses and tailor-made production facilities. All of our production solutions are flexible. Please contact us with your needs!



### KOMETOS OY

Keskustie 23 FI-61850 Kauhajoki, Finland mailbox@kometos.com www.kometos.com

### Sales

Mr. Pekka Paloniemi Sales Manager Modular facilities Tel. +358 20 757 1400 pekka.paloniemi@kometos.com





KRONOS IS ONE OF THE OLDEST MANUFACTURERS OF AGRICULTURAL AND FORESTRY MACHINERY IN FINLAND

# **Kronos**

### **COMPANY**

Kronos offers profitable machinery solutions to its customers thanks to the company's efficient, tailored design and streamlined production.

**Wikar,** better known as Kronos, is one of the oldest manufacturers of agricultural and forestry machinery in Finland. It was founded in 1914.

### **PRODUCTS**

Kronos designs and manufactures quality harrows for seedbed preparation, chain-operated mulchers, versatile forestry cranes and trailers and various implements for tractors (e.g. hydraulic units, crane accessories, front-axle stabilising units).

Part of the company's production goes to contractors and includes customised products to meet the specific needs of individual contractors. The hydraulic components are of the highest standard, and we use high-quality Scandinavian steel.

All service activities are managed by our own personnel. We hold post-sales customer communications in high regard and consider it a matter of honour to provide excellent customer service also in the case of any problems.



### WIKAR OY

Wikarintie 12 PB 20 FI-68500 Kruunupyy, Finland Tel. +358 6 823 2300 Fax +358 6 834 5870 mail@kronos.fi www.kronos.fi



# **Lametal**

### **COMPANY**

Lametal designs, manufactures and markets STARK equipment for wheeled loaders, property maintenance machines, tractors and excavators.

**Lametal** – established over 30 years ago – is located in Lapinlahti, near Kuopio and employs approximately 35 persons. The turnover is about EUR 7 million.

In addition to Finland, the sales network of STARK equipment covers Sweden, Norway, Iceland, Estonia, Latvia, Lithuania, Russia and Germany.

### **PRODUCTS**

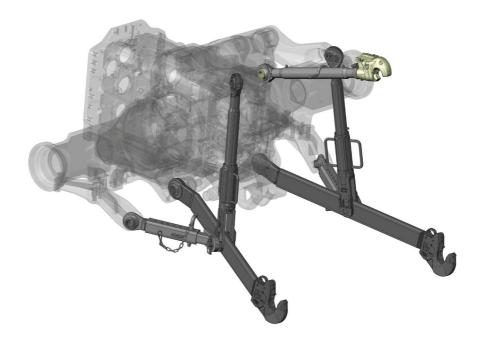
STARK products are the choice of the industry's leading contractors when high-quality equipment is needed for snow removal, sanding, digging and sweeping.

STARK tools are integrated into the basic machine, which may be a tractor, a property maintenance machine, a wheeled loader or an excavator. Productivity is highly dependent on what type of equipment is integrated into the basic machine. High-quality STARK products are a sensible choice when it is efficiency that counts.



### LAMETAL OY

Kaskenviertäjäntie 2 FI-73100 Lapinlahti, Finland Tel. +358 17 731 565 Fax +358 17 731 567 info@stark.fi www.stark.fi



# LH Lift

### **COMPANY**

LH Lift makes practical, easy-to-use three-point linkage parts and rear hitches. We are supplying OEM and retail clients worldwide.

From the very beginning, we have strived to build couplings that make work easier, withstand heavy use and get the job done – Couplings with a big C!

Based in Finland, LH Lift also has operations in China. Company Management as well as our Design, R&D and Sales departments are located in Finland. Our products are manufactured in two locations in Finland and China. Both factories produce uncompromised quality under Finnish quality control, ensuring conformity with international requirements.



### LH LIFT OY

Haapasuontie 266 41370 KUUSA Tel. +358 20 7631 300 lhlift@lhlift.com www.lhlift.com

### Sales

Mr. Pekka Lahtinen Export Manager Tel. +358 40 5103 560 pekka.lahtinen@lhlift.com



# Logbear

### **COMPANY**

Logbear is specialized in manufacturing and marketing the small scale forest machines and accessories with the product name Logbear®. The product range consists of F4000 Forwarder and FH4000 Combi Machine.

Logbear has manufactured forest machines since 1990. The product development is based on the practical experiences in the arctic conditions.

### **PRODUCTS**

**Logbear F4000 Forwarder** is developed to meet today's demands in the first thinnings. It is very agile and with the carrying type of tracks the work can take place also in the swampy areas and in the wintertime in the deep snow.

**The FH4000 Combi machine** is both a Forwarder and a Harvester. In short the loading grapple on the forwarder is replaced with a harvesting head or vice versa. The change work is moderate, only about 30 minutes with the harvesting head rack.

Logbear machines are an excellent choice for a "one man" contractor!



### LOGBEAR OY

Teollisuustie 11 A FI-63800 Soini, Finland Tel. +358 400 231 268 logbear@riuttolehto.fi www.logbear.fi



# Hakki Pilke / Maaselän Kone

### **COMPANY**

Hakki Pilke is one of the oldest and best-selling professional firewood processor brands in the world. Exports make up about 80% of the sales, and reach over 30 countries. All our product development is undertaken in cooperation with international distributors and numerous professional firewood operators. More than 1000 processor units are shipped yearly to process all known firewood species around the world.

Hakki Pilke is known among firewood professionals for the highest productivity and reliability of its machinery under all conditions as well as its strong local after sales support across the world.

All the processors are manufactured in Finland, using only high-quality components and the latest manufacturing technology. We provide solutions from small-scale firewood operations to big industrial projects. To date, we have improved firewood operation efficiency and maximized profits for tens of thousands of firewood producers.



### MAASELÄN KONE OY

Valimotie 1 FI-85800 Haapajärvi, Finland www.maaselankone.fi/en www.facebook.com/ HakkiPilkeOfficial

### Sales

Mr. Jori Mylläri Export Manager Tel. +358 8 7727 300 jori.myllari@hakkipilke.fi info@hakkipilke.fi







# Mepu

### **COMPANY**

Mepu is an experienced professional in efficient grain handling. Our products have gained huge popularity around Europe, which is indicative of high customer satisfaction. Our automated and robotised production facilities as well as our ISO 9001:2000 and ISO 14001 quality management systems guarantee efficient and reliable operations. Customers can enjoy the unparalleled experience of our experts in the field in terms of design, project management and maintenance operations.

### **PRODUCTS**

Mepu offers one of the most extensive and all-inclusive ranges of products for grain handling, divided into four main product groups:

Grain drying: mobile dryers, stationary dryers and

continuous flow dryers

**Grain transfer:** augers and conveyors **Grain storage:** bins and silos

Heating solutions: biofuel furnaces, oil-fired furnaces

and heaters

In addition, we offer a wide variety of accessories.



### MEPU OY

Mynämäentie 59 FI-21900 Yläne, Finland Tel. +358 2 275 4444 mepu@mepu.com www.mepu.com



# **Metalservice Hartikainen**

### **COMPANY**

Metallipalvelu Hartikainen (MPH, Metalservice Hartikainen) was founded in 2006 as a subcontractor for the metal industry. In addition to diverse engineering works and steel structure (EN1090) services including on-site assemblies, MPH designs, manufactures and sells a wide range of tractor working machines for agriculture and industry.

### **PRODUCTS**

MPH has manufactured Peat machines over a decade and has strong manufacturing experience of peat harvesting equipment and field maintenance service machines.

MPH Product range consist of Graders, Snow blowers, Ditch ploughs, Screw levellers and other products like Bale Trailers and Mulchers.

Our main plant is located in Juuka, Eastern Finland. MPH is part of Tampereen Konepajat Oy group, which employs over 200 machine building professionals. The mother company turnover is  $30~\text{M}\$ 4 and it has 8 production facilities in Finland.



### METALLIPALVELU HARTIKAINEN OY

Vepsänjoentie 1 83900 Juuka, Finland www.mph-products.com

### Sales

Mr. Ari Kuhalampi Sales Director Tel. +358 405441691 ari.kuhalampi@tampereenkonepajat. com



# **MILSTON**

### **COMPANY**

High-performance MILSTON separators are made by Rannan Teollisuuskone.

Customer satisfaction and product quality are our highest priorities. The company utilises the ISO 9001 quality assurance system and the ISO 14001 environmental system. Rannan Teollisuuskone is part of the Antti Ranta group. The company has over 40 years of experience in developing and manufacturing challenging machines.

### **PRODUCTS**

Powerful, mobile or fixed MILSTON slurry separators are at their best on farms, in the hands of farm contractors, in biogas plants and in the processing, food, fish, pulp and paper industries.

The capacity of the separator models ranges from 10 m³/h to 500 m³/h. MILSTON separators are designed, tested and manufactured to the highest standards. These long lifetime separators are easy to operate and maintain. The key elements of MILSTON products are efficiency, productivity and low running costs. When comparing the throughput and the results to the investment costs, one can make MORE WITH MILSTON.



Separation Technology

MILSTON /
RANNAN TEOLLISUUSKONE OY

Rajamäentie 3 FI-41310 Leppävesi, Finland www.milston.fi

### Sales

Mr. Ilpo Kakko Sales Manager Tel. +358 50 448 1486 ilpo.kakko@rannantk.fi







# **MSK Cabins**

### **COMPANY**

MSK Cabins produce highly specialised safety cabins. We are specialised in the engineering, prototyping, tooling and manufacturing of fully trimmed cabins and pre-assemblies based on customer needs. Our main partners are Valtra Suolahti and AGCO Corporation.

With over 50 years of experience, we know everything there is to know about safety cabins. MSK Cabins aims to be a partner for anyone who wants to grow and develop together with us.



MSK Cabins is a part of MSK Group. The other companies in the Group are MSK Plast Oy, Junkkari Oy and Juncar Oy.



### MSK CABINS OY

Pohjanmaanväylä 1661 FI-62375 Ylihärmä, Finland

### Sales

Jan Tapanainen Vice President, Sales tel. +358 10 480 2567 jan.tapanainen@msk.fi



## **Mtech Digital Solutions**

#### COMPANY

Mtech is a digital solutions provider specialised in the bioeconomy. Our expertise encompasses online and mobile services, data storage and analysis solutions, information system and process integrations and the Industrial Internet of Things (IIoT). We have access to all the information and tools required for modern software development, project management and ICT solutions.

Our customers include companies, organisations and regulatory authorities involved in the field of bioeconomy. Many IT solutions developed by us are also applicable in other fields of industry.

For example, we have implemented solutions for logistics, route optimisation, work counselling and plant production, as well as systems for the registration, welfare, health, breeding and feeding of animals. We systematically expand our operations and can also offer a competitive choice for organisations in the bioeconomy field based outside Finland



#### MTECH DIGITAL SOLUTIONS OY

Urheilutie 6, 01301 VANTAA, Finland Tel. +358 20 747 2300 www.mtech.fi

#### Sales

Mr. Jarkko Ilomäki Tel. +358 20 747 2374 jarkko.ilomaki@mtech.fi





MURSKA'S ODE TO EFFICIENCY AND USABILITY

### Murska

#### **COMPANY**

Aimo Kortteen Konepaja is a growth-seeking family company that aims for long-lasting customer relations. Operation started in Ylivieska in 1969. A machinery workshop manufacturing agricultural machinery. Product brands are Murska mills and baggers, Raju twin wheels and Murska biopacker tube composting system. Our leading value is to hold on to our promises, quality and reliability.

#### **PRODUCTS**

### 25,000-50,000 kg/h Murska W-MAX 20

Murska W-Max 20 Contractor is an extremely powerful product intended for professional use, fine-tuned to the most minute detail. When using a Murska bogie trailer equipped with suspension, the mill can be pulled by a tractor smoothly and conveniently even on bumpy terrain.

#### 10,000-30,000 kg/h Murska W-MAX 10

Murska W-Max 10 Contractor is equipped with a Murska bogie trailer with suspension and intended for contracting use. The capacity is well sufficient for on-field crimping with three threshing machines with a cutting with of approximately 4 metres.



#### AIMO KORTTEEN KONEPAJA OY

Pohjolantie 2, PL 161 FI-84101 Ylivieska, Finland Tel. +358 8 4110 500 Fax +358 8 425 422 www.murska.fi

#### Sales

Mr. Risto Aarnos – Export Tel. +358 40 7231 585 risto.aarnos@murska.fi Ms. Marina Mikheeva – Export Tel. +358 44 3700 641 marina.mikheeva@murska.fi Ms. Terhi Korte – EA and Export Tel. +358 44 3700 626 terhi.korte@murska.fi Mr. Teemu Aho – Exports Tel. +358 40 8217 308 teemu.aho@murska.fi



# **Nipere**

#### **COMPANY**

Nipere is a metal industry company designing and marketing mill and fodder mixing systems for agricultural and industrial needs. Our product range includes various hammer and roller mills, mixers, dosing devices, conveyors and silos. We deliver both manual and fully automated equipment solutions. In addition, the Kristiinankaupunki site manufactures trailers. Nipere was founded in 1976 and has approximately 40 employees.

#### **RIVAKKA PRODUCTS**

We sell our mill and fodder mixing systems under the Rivakka brand, a household name in the industry. Our range of products is growing constantly and currently covers all the equipment farms need for the preparation, transfer and storage of grain-based fodder.

#### Our product range includes

- Hammer mills (motor ratings 7.5-30 kW)
- · Electric and tractor-powered roller mills
- Mixers and computer-controlled WinMix fodder making systems
- · Spiral and pneumatic conveyors, silos, trailers



### NIPERE OY

Tiilitie 27 FI-64700 Teuva, Finland Tel. +358 10 289 3000 Fax +358 6 261 2611 myynti@nipere.fi www.nipere.fi





50 YEARS OF EXPERIENCE

# **Nokka Companies**

#### **COMPANY**

Nokka Companies is a Finnish family company and international group. We design and manufacture tractorand ATV-mounted Nokka forest trailers and loaders, timber grabs, energy wood grabs, snow blowers and Pematic hydraulic cylinders, products renowned for their quality. Our headquarters, management and production are based in the village of Muurame in Central Finland near the city of Jyväskylä. The goal of Nokka Group's in-house design and production unit is to introduce innovative products and methods to the market each year. Our latest product is a battery-powered step-on work machine and vehicle called Mocola.

#### **PRODUCTS**

The sheer extent of Nokka's range of forest machines allows the customer to create the perfect machine for the job by selecting appropriate modules. The trailer and loader combination is assembled either at the factory or by an authorised retailer to create a fully finished product for the end customer. Forestry trailers and loaders form the largest product group manufactured by Nokka Companies.



#### **NOKKA COMPANIES OY**

Teollisuustie 4 FI-40950 Muurame, Finland www.nokka.fi

#### Sales

Mr. Lassi Pesonen Tel. +358 44 762 4506 lassi.pesonen@nokka.fi







### **Nord Mills**

#### **COMPANY**

Nord Mills manufactures grain handling and heating machines and devices. Experience is our trump card in designing devices – close contact with the everyday operations of users forms a solid foundation for functional solutions that are based on the practical requirements.

Our products are exported not only to the Nordic countries but also elsewhere in Europe. The company was founded in 1986.

#### **PRODUCTS**

For agricultural needs, we manufacture roller mills, hammer mills, silos and spiral conveyors for the transfer of grain, as well as grain blowers operated by suction and/or blowing. As all these machines run on electricity, they can be incorporated in various automatic feeding systems.

Pellet burners are an excellent instrument when using an environmentally friendly, renewable source of energy. These devices are suitable both for farms and for one-family houses. In addition to pellet burners, we manufacture hall heaters for both oil and pellet burners. Our product palette also includes pellet storage silos and the necessary transfer conveyors with accessories.



### **Oy Nord Mills Ltd**

#### NORD MILLS OY

Pirttisentie 224 FI-62435 Pirttinen, Finland Fax +358 6 488 7001 www.nordmills.fi info@nordmills.fi

#### Sales

Mr. Pertti Pirttinen Tel. +358 500 567 037 pertti.pirttinen@nordmillls.fi



# **Palax**

#### **COMPANY**

Ylistaron Terästakomo manufactures firewood processors and related accessories under the Palax brand. We also have a specialised plate-handling division fabricating plate parts for the metal industry. Our production quality and efficiency are guaranteed by modern equipment, professional staff, team-based assembly and the latest know-how. Our never-say-die attitude helps us to serve our clients in the best possible way. We employ about 60 people and are a member of Terra Patris.

#### **PRODUCTS**

Palax firewood processors are designed for working men, who value loyalty and strength. We have been making firewood processors for over half a century. The whole production chain, from design to implementation, is in our own hands to ensure that our machines are strong, durable and easy to use.

Our machines handle wood all the way from the log pile to packages of firewood. Everyone can find their perfect workmate from our wide selection. Component manufacturing specialised in subcontracting utilises the latest technology to make sheet metal parts for the changing needs of the metal industry.



#### PALAX YLISTARON TERÄSTAKOMO OY

Lahdentie 9 FI-61400 Ylistaro, Finland www.palax.fi

#### Sales

Tel. +358 6 4745 100 sales@palax.fi







### NATURAL SOLUTIONS

# **Pellon Group**

#### **COMPANY**

Pellon Group produces a wide range of solutions for milk, beef and pork production. Our aim has all ways been to offer solutions which increase productivity, save costs and increase animal welfare at animal farms. Those requirements are defining direction of our product development now and in the future. Pellon has been established 1966. Today we are family owned company, our factory and headquarters are at Kauhava, Finland and subsidiaries in Sweden, Germany and Poland.

#### **PRODUCTS**

Pellon Feedline – Automated livestock feeding for TMR or PMR. Feedline means more efficient feeding in terms of feed consumption, labor use and energy consumption. With feedline system we feed animals in groups based on real need of group. We optimize input output ratio. We also feed multiple times per day, which increases dry matter intake per animal and therefore increases production. More frequent feeding leads also to more calm animals and better animal welfare. Feedline system also minimizes risk of feed contamination.

## **PELLON**

#### PELLON GROUP OY

Yrittäjäntie 10 FI-62375 Ylihärmä, Finland Tel. +358 6 483 7555 Fax +358 6 483 7777 www.pellon.com

#### Sales

Mr. Harri Muilu Sales Director Tel. +358503884897 email: harri.muilu@pellon.com

Mr. Magnus Rex Sales Manager Tel. +358 50 569 4745 magnus.rex@pellon.fi



### **PEL-Tuote**

#### **COMPANY**

PEL-Tuote is a Finnish family business that is specialised in manufacturing Kivi-Pekka rock pickers and Livakka slurry machines. The company was founded in 1985, and its products are exported to 47 countries worldwide.

#### **PRODUCTS AND SERVICES**

The Kivi-Pekka rock picker is used to remove 3–50 cm sized rocks from the field that could damage other power tools.

These machines are made of wear-resistant special steel and Western manufactured components. They are manufactured in working widths of 4, 5 and 6 m. The maximum work efficiency of the rock collecting machine is 1,200 kg rocks per minute.

#### LIVAKKA LIQUID MANURE EQUIPMENT

- Slurry wagons 12.5-20 m<sup>3</sup>
- Pump cranes for filling the slurry wagon while the driver stays on the tractor
- Injectors and drip hose booms for spreading slurry on the field



#### PEL-TUOTE OY

Seppälänsalmentie 181 FI-58900 Rantasalmi, Finland Tel. +358 20 742 4020 Fax +358 20 742 4029 www.pel-tuote.fi

#### Sales

Ms. Kirsi Iljin Regional Manager Tel. +358 40 081 4522 kirsi.iljin@pel-tuote.fi



## **Petsmo Products**

#### COMPANY

Petsmo Products has two product families: the TITAN feed kitchen and slaughterhouse machinery and the VEPI slurry processing equipment.

We are a member of the Österberg Group, which is a family-owned business located in Vaasa, Finland. The Österberg Group was established in 1948.

The turnover of the Group is EUR 30 million and it employs 150 people.

#### **PRODUCTS**

The Vepi brand is old and reliable: the first slurry wagons were made in the 1950s. We pay special attention to making the wagons durable but, at the same time, not too heavy. Vepi wagons are made in Finland.

The Vepi product family consists of top-fill wagons with a capacity of 6,000–25,000 litres and vacuum wagons with a capacity of 4,000–17,700 litres with 1, 2 or 3 axles and with or without suspension, pump arms and pump loaders for wagons, hose spreaders, disk injectors, meadow disk injectors, mixers, pump mixers and a wide range of different accessories.



#### PETSMO PRODUCTS OY

Kruunantie 30 FI-65230 Vaasa, Finland Tel. +358 20 790 8611 Fax +358 6 323 4655 firstname.lastname@ petsmoproducts.fi www.petsmoproducts.fi





PIIPPO – BINDING WORLDWIDE SINCE 1941

# **Piippo**

#### **COMPANY**

Piippo is specialized in the manufacturing of ropes, net wraps and twines. Piippo is the only producer of baler twines and net wraps in north of Europe and one of the most important producer of such products in the world.

Main segment of the company is the agriculture. Baler twines and net wrap, which are produced in east of Finland are delivered all over the world, from New Zealand to Canada.

#### **PRODUCTS**

Thanks to our constant development, modern production machinery, raw material knowhow and testing in the field, we can offer the highest quality and the most reliable products on the market.

Piippo 4,600 m Hybrid net wrap offers 50% longer length and 30% better breaking strength than any standard net on the market. Piippo baler twines offer 10-25% better knot strength than any other product with similar m/kg length.

Piippo net wraps and twines offer trouble free baling for a contractor every time, in all kind of conditions and with all kind of brands and models.



#### PIIPPO OYJ

Sysmäjärventie 3 FI-83500 Outokumpu, Finland www.piippo.fi

#### Sales

Mr. Mika Joensuu Sales Director Tel. +33 669 10 68 25 mika.joensuu@piippo.fi



## Rani Plast

#### COMPANY

Ab Rani Plast Oy is a long-established manufacturer of polyethylene and polypropylene packaging materials. The family-owned company was founded in 1955 and today manufactures almost 100,000 tons of packaging products annually employing over 600 professionals in Finland.

Tradition and renewal are key factors in our operations. Our long-standing experience guarantees high standards of know-how for all types of packaging solution.

Rani Plast is one of the world's leading manufacturers of agricultural films. All agricultural films are produced in our factory in Teerijärvi. By investing in the best available technology, we are constantly developing our product and machine technology. Thanks to that the production site is one of the biggest single blown PE production sites in Europe with a capacity to produce film widths up to 22 metres in 7 layers.



#### AB RANI PLAST OY

Fabriksvägen 6 68700 TERJÄRV, Finland Tel. +358 20 768 0111 raniplast@raniplast.com www.raniplast.com

#### Sales

Mr. Christer Vidjeskog Sales Manager Tel. +358 20 7680 279 christer.vidjeskog@raniplast.com





# Reikälevy

#### **COMPANY**

Reikälevy designs and produces metal parts for the Finnish industrial sector as well as complete machinery for agriculture and fuel wood production.

The business activities of Reikälevy extend to Europe and beyond, thanks to its unique, innovative and competitive machinery.

The company, which has about 50 employees, was founded in 1968 and is family-run. It is based in the Southern Ostrobothnia region in Finland.

### **PRODUCTS**

### SAMI Crop Sprayer 4500

The latest geolocation technologies on a crop sprayer with a 4,500 l tank and a 15–28 m boom.

#### **SAMI Silos**

Reliable and efficient solutions for all grain storage and handling tasks.

#### **SAMI Autochopper**

The most advanced firewood processor on the market, completely automated, the safest way to saw and split fuel wood.



#### REIKÄLEVY OY

Yrittäjäntie 22 FI-62375 Ylihärmä, Finland Tel. +358 10 425 8000 Fax +358 6 484 6251 www.sami-finland.com

#### **Sales**

Mr. Thibault Charlois Export Sales Europe SAMI Products Tel. +358 40 138 4921 thibault.charlois@reikalevy.fi









# Sampo Rosenlew

#### **COMPANY**

Sampo Rosenlew is a family owned company producing combine harvesters and forestry machinery. The history of the company starts already form 1860. Sampo Rosenlew is one of the first combine harvester manufacturers in Europe. Traditionally the main markets have been in Europe, but at the moment the company is growing significantly in developing countries in Africa, CIS and Middle East.

#### **PRODUCTS**

Sampo Rosenlew is producing combine harvesters within three model ranges Comia-series, 2000-series and 3000-series, from 120 hp to 300 hp with cutting widths from 3.1 up to 9.0 meters. The combine harvester portfolio also includes special combine harvesters for plot harvesting. Sampo Rosenlew has also established several local manufacturing operations in 5 different countries outside of Europe.

On the forestry machinery Sampo Rosenlew is producing forest harvesters HR46x and forwarders FR28. These are mainly designed for thinning.



#### SAMPO ROSENLEW OY

Konepajanranta 2 FI-28100 Pori, Finland www.sampo-rosenlew.fi

#### Sales

Mr. Sami Seppälä Director, Sales and Marketing Tel. +358 40 820 1365 sami.seppala@sampo-rosenlew.fi





OVER
40 YEAR'S
EXPERIENCE
GUARANTEES
THE QUALITY

### **Suokone**

#### **COMPANY**

Engineering company, founded in 1971, specialized in designing, manufacturing and marketing of machines for soil handling in various surroundings including the high powered low ground pressure tractors. Export accounts approximately 80% of our sales to more than 20 countries. Our company has been found to conform the Management System Standards ISO 9001 and ISO 14001 by DNV since 2006.

### **PRODUCTS**

#### **MERICrushers**

- · crushing forest leftovers and stumps
- · removing of old trees and plants clearing of arable land

#### **MERIPeatEq**

- draining and clearing of peat lands
- · sod and milled peat production

#### **MERIRoadEq**

- · recycling of old gravel roads
- construction and redoing of forest roads, communal roads, drives to agricultural areas
- removing packed snow and ice

#### **MERITractors**

• crawler tractors Suocco S500 with low ground pressure



#### SUOKONE OY

Lastaajantie 1 FI-88610 Vuokatti, Finland suokone@suokone.com www.suokone.com www.mericrusher.com



## **Suonentieto**

#### **COMPANY**

Suonentieto is a software company specialized to develop, produce and publish applications and cloud services for farmers and accounting offices.

#### **PRODUCTS**

Our Agrineuvos-application and AgriSmart-service are widely used at Finnish farms for crop planning and notes.



#### SUONENTIETO OY

Lemminkäisenkatu 1 FI-70500 Kuopio, Finland Tel. +358 17 264 2642 myynti@suonentieto.fi www.suonentieto.fi





FIRST SINGLE-GRIP HARVESTING HEAD IN THE WORLD!

# Tapio, Riuttolehto

#### **COMPANY**

Riuttolehto is a Finnish company that designs, manufactures, markets and services TAPIO stroke harvesting heads. The company was established in 1991 and is located in Soini, in the central part of Finland.

#### **PRODUCTS**

The Tapio Harvester is ideal for the rapid felling, delimbing and cutting of trees.

The main advantages of TAPIO harvesting heads are their economical price, ease of use, minimal servicing needs, simple and durable structure, strong delimbing power, low fuel consumption and a good delimbing result.

**The smallest model,** TAPIO 160, has Siemens MiniLogo logic control. In the standard model, measuring is based on the number of strokes. Length measuring with a measuring wheel is available as an additional accessory.

The larger models are TAPIO 350, TAPIO 350EXS, TAPIO 400, TAPIO 400EXS and TAPIO 600EXS. EXS models that are mounted on excavators have additional valves for the rotator and the felling cylinder. The length measuring device is included in the delivery.



#### RIUTTOLEHTO OY

Teollisuustie 11 A FI-63800 Soini, Finland www.riuttolehto.fi

#### Sales

Mr. Esa J. Ahopelto Managing Director Tel. +358 40 023 1268 tapio@riuttolehto.fi





## **Triotec**

#### COMPANY

Triotec is a machine workshop that manufactures, markets and sells high-quality poultry farming systems, external feed and pellet silos and conveyors. Triotec is the market leader in welded silos in Finland. The company's products are also represented in Norway and Sweden. Triotec produces sheet metal subcontracting to other equipment and machinery manufacturers.

Triotec was founded in February 1994 when the company acquired the business and real estate of Trional, established in 1978 for manufacturing fittings for livestock. The owners and employees of Triotec have decades of experience in the manufacture of metal products. Triotec's own 5,200 m² premises are located in Koski Tl in Southwest Finland.

#### **PRODUCTS**

Poultry farming systems, external feed and pellet silos, conveyors and the PIV pellet vacuum unit. A representative of Jansen Poultry Equipment, Lubing, VDL, SKOV, ILOX, Staalkat, Ziehl-Abegg.



#### TRIOTEC OY

Tehtaantie 5 FI-31500 Koski Tl, Finland www.triotec.fi

#### Sales

Mr. Timo Keppola Product Manager Tel. +358 40 074 5353 timo.keppola@triotec.fi





WE HELP CUSTOMERS TO OPTIMISE THEIR PRODUCTION PROCESSES

# Valoya

#### **COMPANY**

Valoya is a provider of professional LED grow lights for various applications in plant breeding and seed production, research and vertical farming.

Valoya was founded in Finland in 2009 and today has customers in over 40 countries around the world.

#### **SOLUTIONS**

Valoya's wide spectrum LEDs provide light that improves plant growth in demanding light conditions. Our spectra are designed for specific purposes.

# We provide fixtures for all production phases and applications, including:

- Growth chambers and walk-in rooms used in research and development, tissue culture, plant propagation and vernalisation
- Production lights for plant propagation and seed production in greenhouses
- Multilayer systems for high-density cultivation in vertical farms
- Highly accurate daylight simulation in controlled environments using actual or simulated outdoor light condition data

# Valoya

#### **VALOYA OY**

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VALTRA
YOUR
WORKING
MACHINE

## **Valtra**

#### COMPANY

In the changing face of agriculture – changing climates, changing terrains, changing crops, changing demands – one name says true reliability, low total cost of ownership and adaptability: Valtra.

Helping today's modern farmer and contractor constantly evolve is at the heart of everything Valtra does. But their versatility goes well beyond the machines they make – it's inherent in the service they provide, too. It's all about identifying challenges and developing cost-effective, easy-to-implement solutions.

No matter where, no matter when, no matter how your business changes, Valtra is all about moving forward.

#### **PRODUCTS**

- Tractors 50 hp to 400 hp
- · Combine harvesters class 4 to class 8
- Self propelled Sprayers
- · Planters 2 to 29 lines
- Seed drills
- · Sugar cane mechanization chain
- Fertilizer spreader
- · Ploughs



#### VALTRA INC.

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### **VAMA-Product**

#### **COMPANY**

VAMA is known for durability, first-class usability and a wide range of products. Our products have been designed with professional users in mind and they have earned users' respect both in Finland and abroad.

We have manufactured and developed our products for more than 30 years. VAMA-Product's plants are located in Ylivieska and Kalajoki.

Extensive experience and continuous product development guarantee high quality: VAMA is a testimony to Finnish quality.

#### VAMA-Product's product range includes:

- Rear blades
- · Area ploughs
- Snow blowers
- Sweepers
- Gritters
- Snow stake setting and collecting machinery



#### VAMA-PRODUCT OY

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