ENGSKO was established in 1900 and is specialized in development, production, erection and after sales service of a wide range of quality products.

ENGSKO took over all export of flour milling plants from SKJOLD A/S and ABC Hansen A/S in January 2004. Both companies have a long tradition within flour milling.

ENGSKO main areas are:
- Wheat flour plants
- Whole meal flour plants
- Maize flour and grits plants
- Rye flour plants
- Spelt flour plants
- Blended food units (extruding and roasting)
- Milling fortification units
- Sorghum grinding
- Coffee grinding
- Grinding of spices
- Stone mills
- Rice mills
- UMS Discmills
- Rollermills
- Hammermills
- Sifters
- Engineering
- Erection
- Training of plant staff
- After sales service
- Accessories:
  - Modular pipe systems
  - Rotary valves
  - Accessories for sitting
  - Spare parts

Ensuring Food Quality
United Milling Systems and ENGSKO have merged in 2005 and can supply a complete range of plants from small scale to industrial plants.

A flour plant from ENGSKO and UMS is more than just some machines. To us flour is not only a question of production but also a question of nutrition.

ENGSKO and UMS flour plants are complete with components for the whole process from raw material handling to flour packing. We experience an increasing demand for provisions of high food quality, and our plants are used in bakeries, mills and regional communities all over the world.

Complete, Capable and Cost Effective
A flour plant from ENGSKO and UMS is equipped with the right equipment to achieve a product of high quality. In this way we ensure the highest possible yield from the lowest possible investment.

The grinding process takes place on a principle of simplicity and high capacity, and the plants are developed with a view to the flour being produced where it is to be used. Quality has been given pride of place, and we ensure highest possible yield from any raw material.

UNITED MILLING SYSTEMS

United Milling Systems was established in 1978 by Carlsberg in order to commercialise the agro-industrial know-how developed by the Carlsberg Research Centre.

Under its present ownership UMS has continued to pioneer new milling technologies suitable for processing cereal crops such as wheat, maize, rye, sorghum, rice and millet.

UMS, headquartered in Copenhagen, has supplied complete milling systems to a substantial number of clients - private as well as public - in Europe, Africa and the Far East. These systems, for the production of flour for human consumption and for industrial use, are based on the Discmill®, a unique machine that effectively and controllably grinds cereal grains into flour, and meal.

UMS furthermore acts as agent for Olocco Mario & C Snc, Italy, specialising in airlocks and pneumatics, and for Fr. Jacob Söhne GmbH & Co., Germany, specializing in pipes and pipe systems.

UNITED MILLING SYSTEMS & ENGSKO

Your Milling Partner
Boosting Capacity

UMS - Boosting Your Mill Capacity
By installing the UMS Discmill® to supplement the break system or the reductions in your mill you get the following benefits:

Up to 25% more capacity with no detrimental effect on mill performance or product quality.

Minimal disruption to the existing plant and the possibility that no additional sifter capacity is required.

The Discmill® occupies about half the space of a rollermill and can be located at ground floor level.

Easily accessible and durable wear parts, ensuring low maintenance cost.

Rice Milling

In recent years it has become popular to grind different types of rice into flour.

The Discmill® grinds all types of rice.

Rice Milling

Modular Pipe Systems
UMS acts as agent for Fr. Jacob Söhne GmbH & Co., Germany, specializing in pipes and pipe systems.

A simple and fast assembly, innovative developments, and high quality standards guarantee the quality within all industries requiring metal pipe-work.

Rotary Valves and Accessories
UMS acts as agent for Olocco Mario & C Snc, Italy, specializing in airlocks and pneumatics.

Rotary valves and accessories are used in any kind of pneumatic conveying lines mounted under a cyclone or at the filter exhaust.

ACCESSORIES
ENGSKO and UMS supply any kind of accessories and spare parts.
**ENGSKO Spelt Milling Plant**  
Capacity 300 kg/hour and up.  
Mainly for spelt but can also be used for whole meal flour.  
Includes spelt peeler and uses stone grinding mills.  
Options available for all plants.

**Whole Meal and Spelt Milling**

**Engsko Milling Fortification Unit**  
Capacity 1000 kg/hour.  
Food fortification means improved health and productivity in developing countries.  
Includes hammermill and batch dosing unit as well as batch mixer.

**Vertical Grinding Mills**  
Sizes 300–500 mm  
Capacities from 250 to 700 kg/hour depending on fineness of finished product.  
For whole meal and a wide range of spices etc.

**BLENDED FOOD**

**INdustrial Feed Plants**

**UMS MGA 1000**  
Capacities up to 15,000 kg/hour.  
Mainly for industrial feed plants.  
MGA-1000 is the largest mill in the Discmill® range and has the following advantages:  
- Optimum product composition for high nutritional value.  
- Controlable degree of grinding to maximize suitability of finished product.  
- Low power consumption to minimize production cost.  
- Low noise provides a more user friendly environment.  
- Minimum dust emission reduces the complexity of exhaust systems.  
- Compact design saves space and simplifies installation.

**GRINDING MILLS**

**UMS Degerminated Maize Products**  
The UMS Discmill® is used in conjunction with degemina- 
tors, sifters, and rollermills to produce high quality maize grits and meals. Products are low in oil and of bright speckfree ap-pearance.  
The extent of the milling sys-

**Industrial Feed Plants**

**SKIOLD Grindmaster 1500, Maize**  
Capacity 1500 kg/hour, extraction rate min. 75%  
For maize only.  
Standard supply includes degeminator.  
Options available for all plants.  
Flexible and suited for installa-
tion in most existing buildings.

**MAIZE**

**Horizontal Grinding Mills**  
Sizes 500–950 mm  
Capacities from 150 to 1000 kg/hour depending on fineness of finished product.  
For whole meal and a wide range of spices, coffee etc.

**Vertical Grinding Mills**  
Sizes 300–500 mm  
Capacities from 250 to 700 kg/hour depending on fineness of finished product.  
For whole meal and a wide range of spices etc.
Where high extraction rate is required the Discmill based on Short Milling System provides an economical and effective option. The flour is produced at an extraction rate of up to 82% and has a maximum ash content of 1.0% dry basis. Granulation is quite coarse, the flour must pass through a screen. Utilizing the ability of the Discmill to produce high endosperm releases in a single operation, the system is kept very short in comparison to a conventional mill, leading to substantial economies in capital cost and building space.

Pre-crushing the wheat improves the effectiveness of the Discmill grind and a rollermill is used after the Discmill passages to scrape any adhering endosperm from the bran. Bran finishers can be installed to supplement this function.

The UMS Short Milling System can be tailored to suit the production of other long-extraction flours or whole meal.