

News letter



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The brand **LILDAL** has for over 60 years been the marked leader and a well known name with a good and solid reputation within the rendering business.

The company was in 2008 bought by the **LM-Group** in order to secure, that the knowledge and the experience gained through all these years, was maintained in a new and strong company construction.

The **LM-Group** consists of LILDAL's former sub-supplier **LM Staalindustri A/S** and the brand **LILDAL**. The company **LM Staalindustri A/S** has been a strong sub-supplier for many years and has a modern production secured through on-going investments. This in order to maintain our strong position in a competitive marked. The newest investments are a CNC Vertical Turning Lathe, a CNC Horizontal Turning Lathe and our Cutting center.



Left: CNC Vertical Turning Lathe with a work-piece capacity of $\varnothing 2.000 \times$ height 1.200 mm
Middle: CNC Horizontal Turning Lathe with a work-piece capacity of $\varnothing 1.010 \times$ length 4.000 mm
Right: Cutting center with table area 8.000x3.000 mm – Plasma 3-40 mm in stainless and mild steel – Cutting burner up to 140 mm in mild steel

All functions are placed on the same address in Randers. The Review and design department using the most modern 3D designing tools. And, as mentioned earlier, our own modern production facilities. There is because of that not long from innovation and design to production of customized solutions meeting the requirements of the customer.

Our residence in Randers is furthermore placed close to the largest highway in Jutland connecting directly to Europe.

Years of Rendering Solutions



Product range



Two of our main products - The **LILDAL Super Dry Melter** and the **LILDAL Pre-breaker LPB 660**

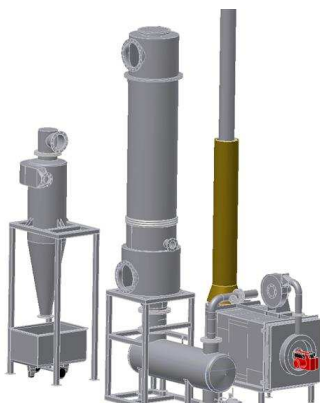
We are a strong and flexible supplier of complete rendering plants and in delivery of single machines for the rendering business. Our **LILDAL Super Dry Melter** is the strongest construction on the market and is in service all over the world. Together with our wide product range listed below, are we able to process all sorts of slaughterhouse offal, fish offal and offal from restaurants, households etc. effectively.

Belt conveyors
Centrifugal separator
Cooling tower
Fat balance tank
Feather silo
Hydraulic pump
Metal detection systems
Pre-breaker
Screw conveyors
Super Cooker (Continuous)

Blood coagulator
Condenser
Cyclone
Fat pump unit
Fine breaker
Incinerator NCG
Moisture Index
Press and screen conveyor
Screw press
Super Dry Melter

Blood vessel
Continuous Disc Dryer
Decanter
Fat settling tanks
Hammer mill
Meat silo
Percolating tank
Roller crusher
Steam boiler plant
Tri-canter

One of our largest advantages is, that we are able to deliver customer specific plants and by that meet special requirements from the end user. An example is our Incinerator that we have developed for a customer in Israel. The cooking of offal creates smelly gases called Non-Condensable Gases (NCG). Environmental authorities require that these smelly gases must be eliminated effectively in order to protect neighbors to the rendering plant from this smell. For that have we developed our **LILDAL Incinerator** where the NCG is burned effectively at high temperature and long retention time in the Incinerator chamber.



Incinerator

Another example is our **Continuous Super-cooker** delivered to the largest renderer in Denmark. The Continuous cooker pre-heats the raw material to a temperature of app. 80 °C where the coagulation process is most effective and where most of the water in the raw material will be released. A large part of the free water is then released in the subsequent Drain screw. This process results in reduced energy consumption to dry the material because of less water content to evaporate. This again results in a smaller sized Meal drier and size reduction of belonging equipment such as the Steam boiler. So both energy and plant investments can be reduced by incorporating the Super-cooker process.

