

Meura's technologies in the ma

Besides being famous in the brewing world, Meura is also the market leader in brewhouse technology for the malt extract industry.

The global demand for natural sweeteners and colorants extracted from malt, barley, oats, rye and wheat and from other cereals is continuously increasing. There are many malt extract applications in the food & beverage, pharmaceutical and dairy industries.



Malt extract is a natural product and has a key role to play in today's trend for natural and healthy food.

MEURA'S BREWHOUSE FOR THE MALT EXTRACT PRODUCTION

Meura developed a specific brewhouse for malt extract producers, of course with the Meura 2001 at the centre of the brewhouse. Please contact us if you would like to know all the details of our technology!

One of the main reasons for Meura's success in the malt extraction industry is the opportunity to brew up to a 30°P cold wort density without extract losses. Considerable energy savings are achieved during evaporation due to the very high initial gravity prior to evacuation. In most cases the final product has a density from 70 to 80 Brix.

With its never equalled technology, Meura's malt extract clientele is steadily growing. Over the last 20 years, Meura has sold 35 Meura 2001 filters in the malt extract industry. Since 2012, 8 complete Meura brewhouses were installed for malt extract producers. It shows that Meura is the best technological partner for any malt extract producers!

CONCLUSION

As for the beer sector, Meura is also supplying their state-of-the-art technology for the malt extract production, and by always remaining one step ahead, they are now the leaders in this field. And proud of it!

It extract industry



TESTIMONIAL OF Amy Targan, President of Malt Products Corporation

Meura was able to provide us a complete brewhouse package that included the design, equipment, basic engineering and on-site services. They worked well with our local contractors and engineers which allowed us to combine the best of what they had to offer with the best of what we had available locally. The Meura brewhouse is a showpiece for our customers and incorporates the latest, state-of-the-art technology.



Recently, Malt Products Corporation, located in the USA, entrusted Meura with the order for a new brewhouse of their new malt extract plant, the Malt Company of Ohio.

Malt Products Corporation is a world leader in the field of malt extract production and has grown from a regional supplier of malts in 1957 to an international company at present.

The brewhouse's main equipment is as follows:

- A **Classicmill CLM2**
- A **mashing-in tank**
- **Aflosjet technology** (direct steam diffusion) for 2 mash tuns
- A **mash cooler**
- A **Meura 2001 Hybrid**
- Integration of a **GIS tank, weak wort tank** and **heavy wort tank**
- **Electricity and automation**

Besides the Meura 2001 the Aflosjet technology is also very interesting for a malt extract producer. The Aflosjet is a mash heating technology by direct steam diffusion and has numerous advantages compared with the conventional double jacket technology and some are even more beneficial for a malt extract producer:

- It guarantees a rapid and constant rise in temperature, independent from CIP cycles (reproducible mash vessel occupation time all week long). The thick mashes increase the risk of burning when using heating jackets, especially while making high gravity worts.
- The mash vessels themselves can be easily sourced locally. Most of the vessels for the project were produced locally in the USA. That allowed savings on the transport costs and time saved on delivery. In some countries import duties can also be reduced.
- The mixing device is only needed to keep the mash particles in suspension but not longer to increase the heat transfer. It enables to lower agitation speed which leads to a reduction of mash oxidation and shear forces. The result is a mash with excellent mash filterability.
- Only a weekly CIP required, so therefore a lower amount of chemicals needed for cleaning.

We thank Malt Products Corporation for their trust and wish them all the best for the future!