



MALTERS ADVANTAGE EQUIPMENT

Introducing the Malters Advantage equipment line, engineered, designed and built for the modern craft malting operation. The modular approach allows the system to grow as you grow, while retaining precise control over every step in the process.

THE VARIABLE STEEP TANK

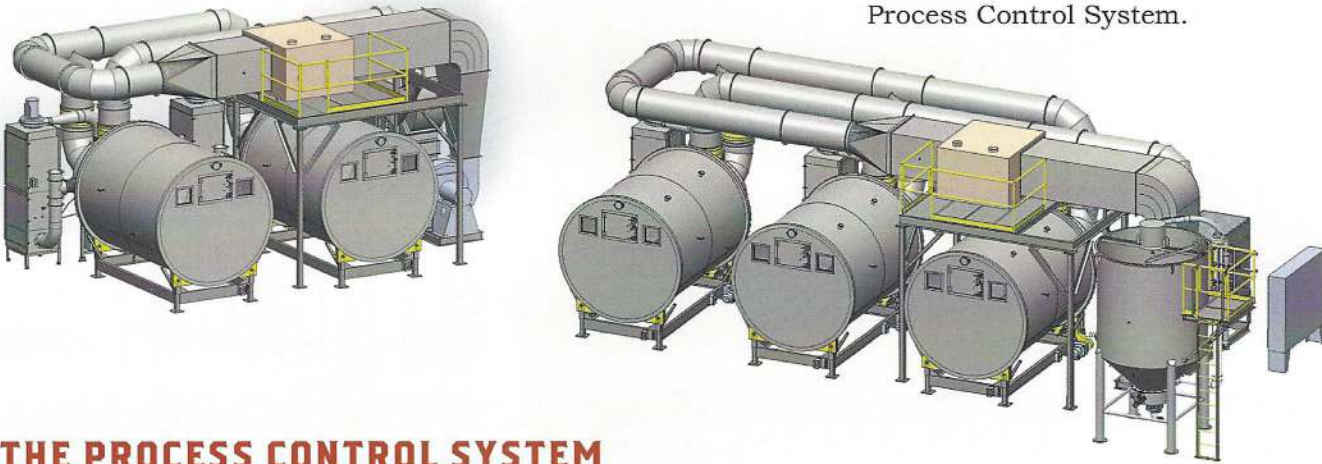
- All stainless-steel construction with conical tank design.
- Adjustable overflow system allows for variable batch sizes and conserves water usage.
- Features include fully adjustable aeration system, integral wedge wire screened combined drain and CO2 extraction system, and a bottom steep water fill connection.
- Fully automated Process Control System - monitor steep water temperature, water fill, drain and CO2 extraction.



THE MODULAR MALTING COMBINATION GERMINATION & KILN SYSTEM

The patent-pending design incorporates a truly modular approach. You can start with one Combination Germination & Kiln vessel and expand to three vessels all supported by the same Kiln Air Handler system and one Variable Steep Tank.

- All stainless-steel construction.
- The Combination Germination & Kiln vessels, either Saladin box or drum, eliminate the handling of green malt between germination and kilning.
- Individual humidification systems for each vessel supplies the germinating grain with temperature and humidity-controlled air to ensure optimal germination and growth rate control.
- Mixing of the grains during germination is automatically controlled throughout the germination phase.
- Fully automated recipe-based control of all phases of the germination and kilning process.
- The Modular Malting Kiln Air Handler system includes a high-capacity industrial fan, indirect gas-fired heater, air-to-air heat exchanger (for heat recovery), full range recirculation system – all automatically controlled by the Process Control System.



THE PROCESS CONTROL SYSTEM

is a UL listed, industrial PLC (programmable logic controller)- based system.

- Recipe-based PLC logic control and monitoring of all systems.
- Integrated machine safety circuits and systems.
- Automated control of all phases of steeping, germination and kilning.
- Option for remote monitoring of the operation of the complete system.

Ask us about engineering support for grain and malt storage, handling systems, and general malt house facility planning.

www.MALTERSADVANTAGE.COM



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