

Pet Food

Factory Extension for 3rd Extrusion Line

Overview

GAME designed and built the factory extension housing a third dry pet food extrusion plant.

Activity

In this latest phase of development all aspects of the Process have been upgraded along with the installation of the latest extrusion technology. GAME was appointed as design team leaders, working with the client's own civil and structural consultants and engineers to procure the new factory building.

In order to allow the factory to work seven days per week a new grain storage facility has been created alongside and integrated into the existing raw materials facilities. A second lorry tip and intake system, with 750 Tonne of Grain storage capacity has been installed.

To increase the Blending plant capacity without the need to install additional blending bins and Weighers, the existing Weighers have been replaced with a double deck design incorporating Grid Slides between Weighing and static sections.

Along with the main items of production plant, many ancillary parts have also been supplied and installed by GAME. A new Tank farm comprising 40 Te stainless steel fats storage tanks deliver to numerous liquid pumps which are installed in specifically designed pump house facility. The pumps deliver liquid Fats and Oils to all three of the Extruder plants.

In order to power the new Extrusion facilities GAME used electrical engineering contractors who supplied the new electrical equipment including a bespoke Motor Control Centre and PLC installation. Control is provided by an extension of the existing system which is integrated with the Andritz control systems.

