



Micro-Ingredients Additives System

Project Description

PROJECT TYPE: Micro-ingredients system, automatically weighs and transfers additives to mixers

PROJECT VALUE: £50,000 - £100,000

PROJECT MANAGER: Mr. Tony Kirk

PROJECT DESCRIPTION: The system was designed to handle micro-ingredients used in the mixing process for the Animal Feed industry. The system automatically weighs and transfers to two three tier mixers, as against hand weighing and tipping. The system consists of 10 small stainless steel bins. Two to hold approximately 1,000kg of ingredients and 8 to hold 250/300kg of ingredients. On instruction from the control system they automatically discharge and weigh into a new weigh hopper. The weigh hopper is mounted on 3 load cells. The weigh hopper discharges into an under expansion hopper via a butterfly valve. Discharge of the under hopper into a 75mm blow-line via a rotary valve to both mixers. Each mixer has a reverse-jet filter fitted to extract the blow-line air. All contact parts are in stainless steel.

