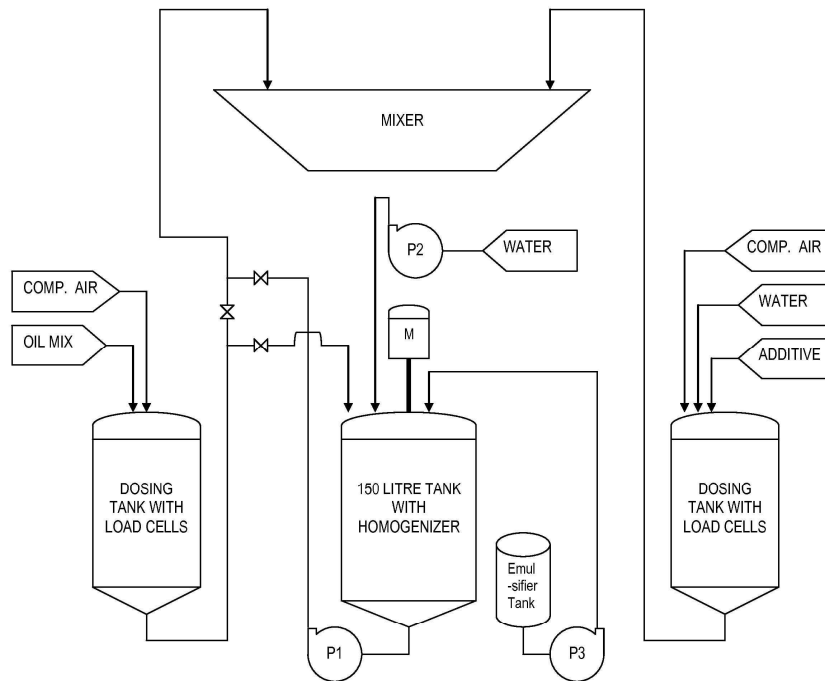




POULTRY FEED EMULSIFICATION SYSTEM (EmulsiTRON)



The “EmulsiTRON” is an automated poultry feed (or other animal feed) emulsification system – another innovative product from Napro Scientific.

Energy is one of the most important factors in animal nutrition, & feed fats are often added for this purpose. However, young chickens and piglets do not have the ability to digest & utilize high amounts of fats in their diets. Adding biological emulsifiers, called phospholipids (commonly referred to as lecithin), improves the fat digestion and nutrient utilization in these animals, & thus provides the ideal solution to this problem.

The feed emulsification system manufactured by us serves to bring together, emulsify, & transfer metered quantities of the major ingredients of the 3-phase system, i.e. feed oil, water & emulsifier, in a stand-alone, automated assembly line.

Salient features of our product are :-

1. High speed pneumatic mixing arrangement provides proper (& economical) mixing for effective emulsification, unlike conventional turbine emulsifiers
2. Fully automatic PLC-based system for completely attendance-free, sequential, & cyclic operation of all the process steps, i.e. ingredient addition, emulsification & transfer steps
3. Perfectly integrated with end user's existing feed mill automation system
4. Customized design on case-to-case basis, as per end user's feed mill operating protocol, to suit existing manufacturing procedures followed in the feed mill
5. Each cycle is triggered by & closely follows the existing feed mill cycle, & all sequential operations in the cycle are completed within 2-3 minutes
6. Effective emulsification of oil, water & emulsifier is achieved before the emulsion is transferred to feed mill
7. Skid mounted unit occupying minimal floor space of around 6 feet x 3 feet
8. Works on single phase power (for upto 1 ton mixer) & on three phase power (for above 1 ton mixer)
9. Master-slave type of control strategy is utilized, with the feed mill software as the master control & the system PLC as the slave control

Manufactured in India by :-

NAPRO SCIENTIFIC

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