The pulp moulded egg tray making machine, fruit tray production line are made of waste paper such as used newspaper, waste carton, off-cut in paper making mills and printing factories.
The pulp board is to some chemicals, the fiber in the pulp will cover the wiremesh of the mold with the effect of the vacuum. The wet blank becomes the finished products after drying, smashed in the hydrapulper and adjusted to a certain consistency.
After being added hot pressing.

This production lines are suitable for the following products:

- Egg tray(30-cell)
- Egg box/egg carton(6-cell, 10-cell, 12-cell, 6+6-cell, 15-cell, 18-cell and etc)
- Fruit tray (for apple, tomato, pear and etc)
- Seeding tray
Some medical-care products and fixed shape (the design doesn't change frequently) pulp molding product with large quantity.
A.- Pulping System

Is used to make liquid pulp from waste paper, such as used newspaper, waste carton, off-cut in paper making mills and printing factories, the machine blends paper fibers into slurry by creating a swirling effect within a chamber filled with water and waste paper.

The pulping system is mainly comprised of hydrapulper, pulp pump, multi-function refiner machine blender, control cabinet, etc.

The machine is ruggedly built to withstand fluctuating heavy pulping loads and the walls are made of mild steel with rust preventive coatings. The special material used in cutter (Impeller) ensures aggressive cutting action with less input of power and time. The cutter is operated by an electric motor. Optional Automatic waste paper conveyor can be attached to pulper.

B.- Drying System

Is used to dry the products and delivers out the same through the conveyor, is a tunnel type having independent metal trays coated with heat resistant coating and holders operated by automatic indexable conveyorized chain. The conveyor is of multi-pass system to save energy, space and investment. The whole chamber is made in a strong fabricated structure and the walls are insulated to have minimum radiation loss. Both sides can be opened easily for general maintenance and inspection. The inner walls and ducts are protected with heat resistant paint for long life. A safety clutch is provided to prevent any major accident while in operation.

The Main consumption of energy that can be used in drying system are: Diesel, natural gas. Customer can use either depends on the local prices. Other options are coal and black mineral oil. Steam and heat-conducting oil boiler will be required when coal or black mineral oil are applied. Investment cost and space of equipment will have to increase accordingly.
C.- Moulding System

This Moulding Machine is used to mould the pulp products by using the relevant moulds, such as egg trays, apple trays, bottle trays, electronic product packaging, etc. It works when the paper pulp is transported into the forming mold. Besides, with the help of the vacuum pump, the pulp is pressed and adsorbed to the forming mold closely. Meanwhile, most water in the pulp is pumped to the wastewater pool for recycling. Finally, the pulp is shaped up according to the molding dies.

The advanced design of control has independent control circuits for all operating units and conveniently located remote control operation ensures the operator to work comfortably and to have close monitoring of the process. Most of the sensitive operations are logic controlled and fail safe.