EGG TRANSFER MACHINES
On wheels or on line

General characteristics:

The machine is designed to transfer eggs from setter trays to hatcher trays.

The machine can be added to an automatic candling system or used alone as an independent machine.

The machine is adapted to plastic incubating trays.

Working functions of the machine (stand on wheels model):

The operator places an empty hatcher tray / basket on one side of the machine.

On the opposite side of the machine, the operator places the setter tray/basket

The setter tray sensor detects the presence of the tray

The transfer head goes down onto the eggs and picks them up from the setter tray by means of the suction cups and transfers the eggs to the hatcher tray

The eggs are gently released into the tray.

Once the eggs are released the head returns to the opposite side of the machine to repeat the transfer process.

The machine is equipped with:

1 Framework in stainless steel 304 mounted on wheels with foot brake for the stand alone unit.

1 Transfer head in stainless steel with rubber suction cups of high quality rubber.

This head is easily dismantled for servicing: 5 minutes for dismantling, cleaning and refitting. The transfer movement is soft for extra protection of fertile eggs.

Vacuum pump mounted onto the machine with integrated motor and regulator.

Waterproofed protected IP 55 motoreducer for difficult atmospheric conditions

Incorporated electrical control panel for control of PLC and machine functions.

Tray guide system: in Plastic for guiding trays on the machine.
The machine also includes:
A safety feature to avoid eggs being released when a tray is missing.
The machine is designed for easy cleaning and maintenance.

**Capacity:**
400-420 trays/hour with 2 operators.

**Option**
- Infeed and outfeed conveyor

**STAND ALONE machine on wheels**

**Up & down semi automated machine**

250 to 300 egg trays/hour

**FULLY AUTOMATED ON LINE TRANSFER**