

The machine for transferring, in a poultry house, incubated eggs to a floor comprises an input and output system (8) for inserting trays filled with incubated eggs into the transfer machine and for removing the emptied trays therefrom and a transfer system (9) for transferring the eggs from the trays to the floor of the poultry house. The transfer system (9) comprises a set of egg pickup members (28) mounted on a first sub-frame (30). In order to enable a shorter cycle time, the first sub-frame (30) is mounted on a second sub-frame (31) such that it can move up and down, the second sub-frame being mounted on the frame (5) of the machine such that it can move back and forth between a first position, wherein the set of egg pickup members (28) is above the filled trays that have been inserted, and a second position, wherein the set of egg pickup members (28) is above the floor of the poultry house and can move up and down between the top and bottom positions.