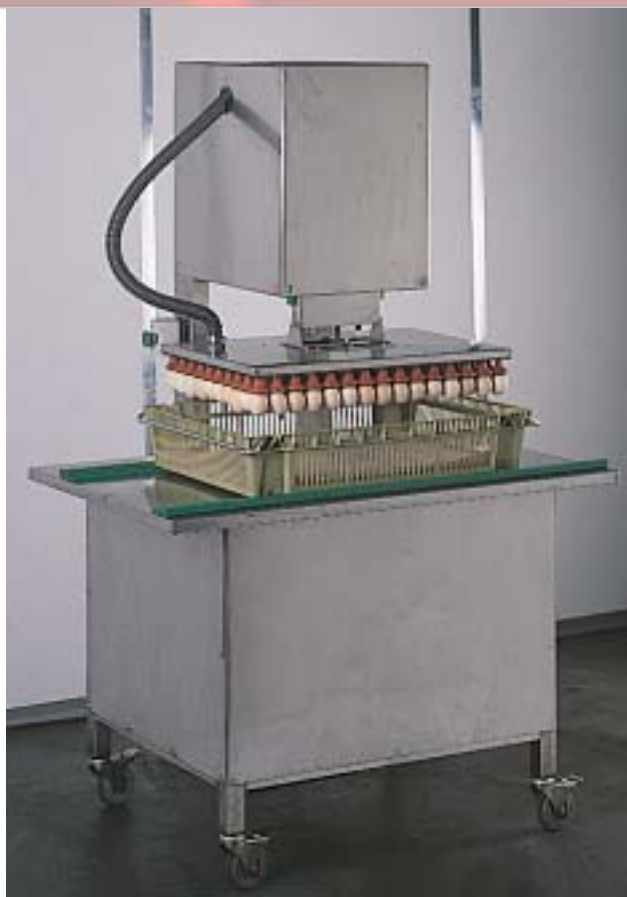




Egg transfer machine



One of the key hatchery functions that can be easily automated is the transfer of eggs from setter trays to hatcher baskets.

Egg transfer machine

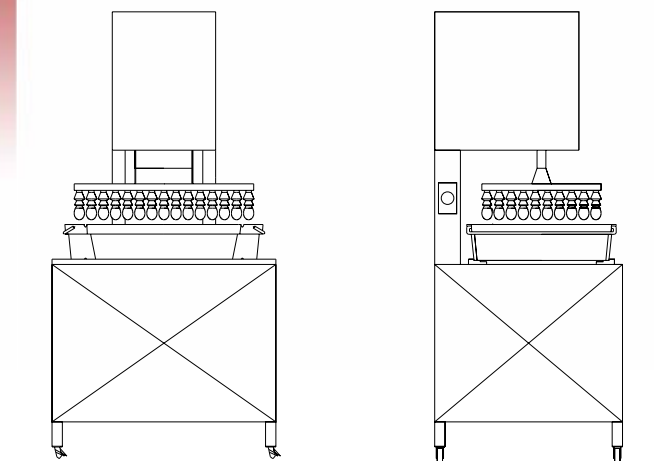
The semi-automatic egg transfer machine is operated by two persons who alternately place a full setter tray or an empty hatcher basket on the machine. The eggs on the setter tray are transferred into the hatcher basket by a suction head that only moves vertically. After positioning, the suction head will descend automatically onto the eggs and lift them up by means of a gentle vacuum. Next the eggs are deposited into the hatcher baskets. The transfer machine operates at a speed of approximately 45,000 eggs per hour with two operators. Other characteristics of this machine are the quick coupling of the suction head for easier change to other tray types, low sound level and easy cleaning (all electronics are located in the sealed, stainless steel transfer head of the machine).





Egg transfer machine

In a hatchery transferring 155,000 eggs a week, the use of the Pas Reform transfer machine reduces the percentage of eggs with hairline-cracks by some 1 to 2%. On an annual basis this actually equates to a saving of some 40,000 eggs or, assuming a 82% hatchability about, 32,800 day old chicks. Thus even when handling 155,000 eggs a week the pay-back period is under two years and the benefits of labour savings will significantly reduce this further.



Technical Specifications

Capacity	45,000 hatching eggs/hour, i.e. 300 Pas Reform setter trays/hour
Personnel	The egg transfer machine is operated by two persons who alternately place a full setter tray or an empty hatcher basket on the machine
Electrical requirements	230/400 Volts, 50 Hz, 3 Ph + 0 + PE
Power consumption	0.8 kW
Materials	The machine is constructed of stainless steel and mounted on large swivel castor wheels for easy transport
Dimensions	(LxWxH) 1210 x 790 x 1840 mm
Type of setter/hatcher trays	To be specified at time of order

In our commitment to quality improvement through continuous research, we reserve the right to alter specifications of our products without notice

