



AED™ line

AED-10™

The AED-10™ machine has been designed specifically to gas day old chicks non-stop.

Each year, 280 million laying-hens are produced and, as such, 280 million cockrels too. As these cockrels are not suitable for human consumption, they are not considered to be of any value. However, at the current time, 150 million day-old chicks are being used as feed for birds of prey, snakes, zoos, etc. Day-old chicks are an important nutrient, low-fat and rich in proteins and vitamins.



In view of the European regulations that entered into force on 1 April 2003, in which it is no longer permitted to kill animals using the maceration method or other animal-unfriendly methods, this machine has been welcomed by man. Our machine has the reputation of producing dead animals that are, aesthetically, no different to how they were when alive, as a result of which they become a valuable commodity in the market.

The AED-10™ is produced entirely from stainless steel AISI 304, while its frame is blasted. The machine's cover panels are made from ground plating P240.

A input opening can be found at the top left-hand side of the machine, with a corresponding output opening on the right-hand side. Chicks can be fed in by hand, but also automatically, which is better for the machine as they are then fed at regular intervals through the machine. A variable passageway has been created on the input side of the machine. This ensures that chicks are fed through at regular intervals, as described above.

Chicks are fed onto a conveyor belt system. Here, they die within 3 seconds, after which they are fed to the bottom of the machine and leave the machine on the right-hand side, after approx. 4 minutes.

The statutory processing time is a minimum of 3 minutes. Therefore, our machines respect this statutory requirement.



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Due to years of research and the construction of several machines, the user-friendliness of the AED-10™ is optimal. For example, it is easy to clean the machine by removing its cover panels, giving access to parts inside the machine and making it possible to properly hose down every area of it.

In addition, where necessary, the entire conveyor system can be taken apart within just 30 minutes, so that the machine is completely empty and can be cleaned thoroughly, for example in the case of a bacterial disease.



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System:	non-stop, using conveyor belts
Capacity:	15,000 - 18,000 day-old chicks per hour
Cycle time:	3 - 4 minutes
Application:	large numbers of day-old chicks
Users:	medium or large-scale hatcheries
Dimensions:	length x width x height: 3345 x 1045 x 1975 mm
Input:	320 x 750 mm
Work area:	6.50 m ²
Weight:	1250.00 kg
Connection:	380V 3 phase + 0 + earth C-form 16A 5 Pin
Gas:	CO2 or Argon
Consumption:	approx. 37.5 kg per 6 hours
Time adjustment:	adjustable from 8 - 3 min.
Material:	stainless steel AISI 304
Finish:	ground plating P240, frame blasted
Safety:	external gas valve protection, plug contact, ambient air monitoring
CE:	approved in accordance with 89/392CEE. Modifications have been made in accordance with Directives 91/368CEE, 93/44/CEE, low voltage 73/23EEC
options:	model using Argon gas control panel rotation capacity expansion to 40,000 chicks