

**EGG BREAKING AND SEPARATING MACHINE CEM 432
WITH AUTOMATIC LOADING TABLE ROTOMASTER**



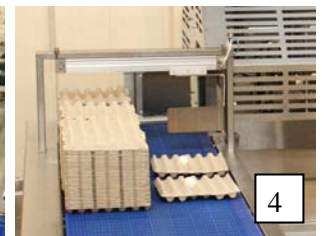
**COENRAADTS AUTOMATIC LOADER TYPE
ROTOMASTER
WITH PC CONTROL AND TOUCH SCREEN**

THE ROTOMASTER

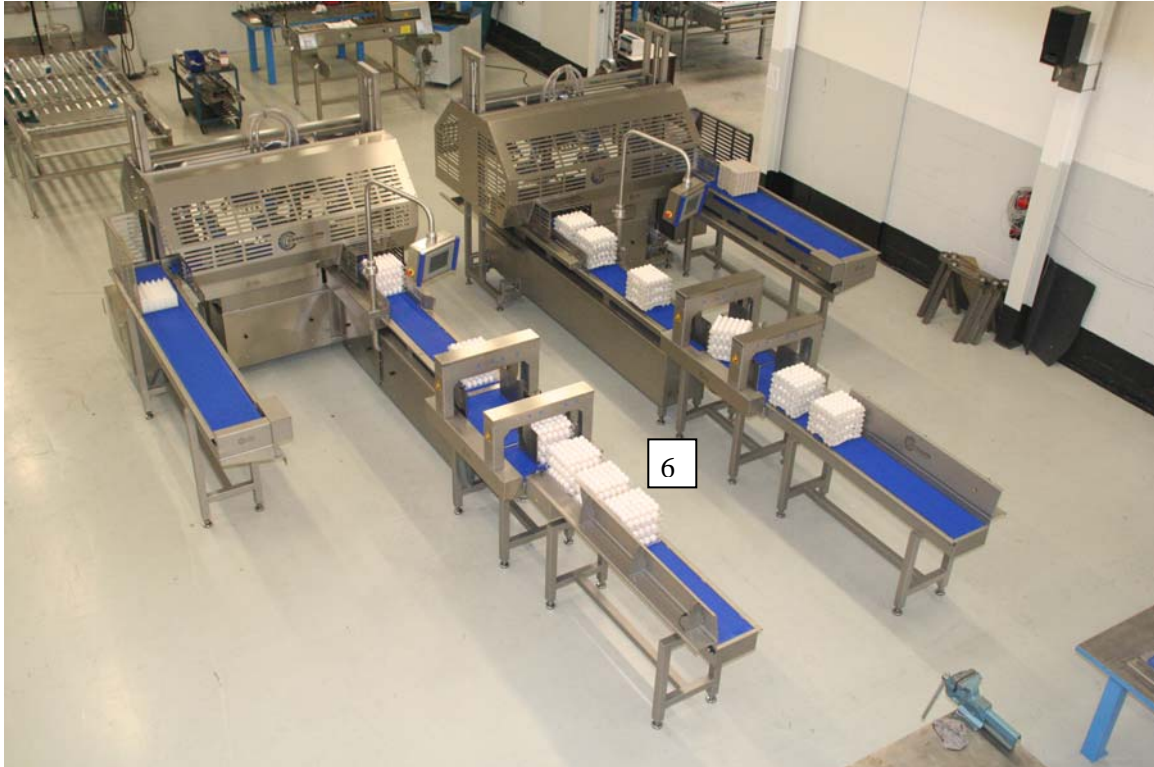
The RotoMaster was designed to handle all type of trays and has a capacity up to 45.000 eggs per hour. The RotoMaster type 900 has twice this capacity. The machine has separate setting possibilities for trays of different materials. Just by activating one button the machine adopts the settings for plastic respectively carton trays. All suction heads have 4 tray clamps **(1)**. This is made mainly for carton trays of less quality. The RotoMaster is provided with a rotating lifting mechanism for the suction boxes **(2)** and powered by servo drives. This results in an optimal control of the egg handling and guarantees a long and low maintenance operation with a minimum of malfunctions. De-stacking of the trays with eggs and stacking of the empty trays **(3)** is done automatically. The height of the stacks with empty trays can be chosen while trays with a sticky egg are not stacked and moved to a separated lane **(4)**. All settings and controls are done with a PC with a touch screen **(5)**. The PC has an automatic fault finding program and beside all relevant production information possible malfunctions are indicated. The RotoMaster is provided with a automatic CIP program for the suction head system. There are different programs for automatic cleaning during and after production. The machine is mainly made of stainless steel (also the pneumatic cylinders) and synthetic materials. As an option an automatic turning system for stacks of trays can be added to the RotoMaster **(6)**. This unit takes care that all stacks of trays are positioned automatically in the right way.

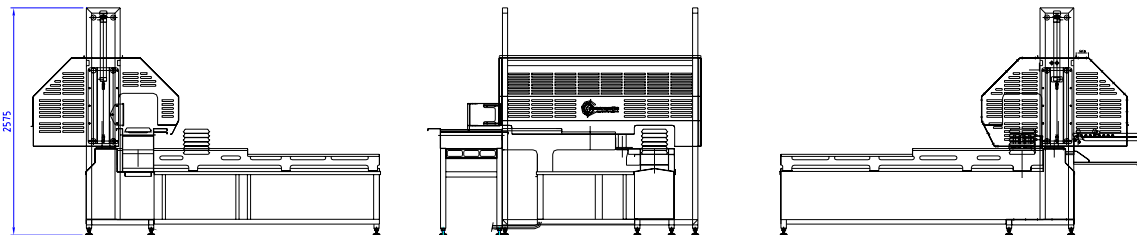
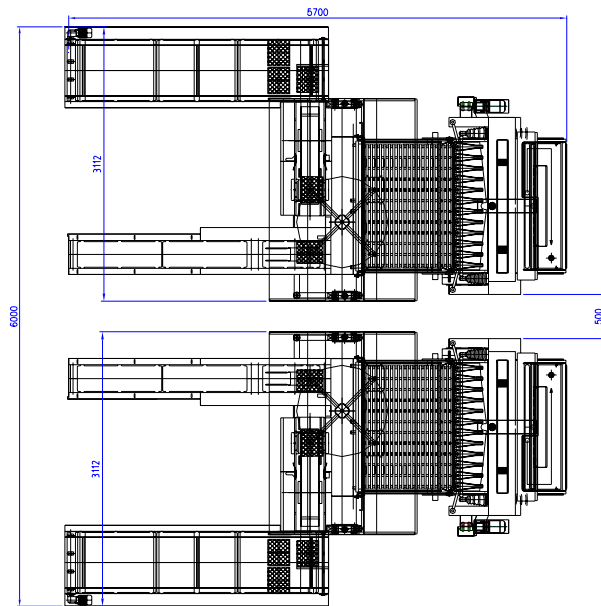
ADVANTAGES OF THE ROTOMASTER

- The trays with eggs are lifted by vacuum and 4 tray clamps.
- The RotoMaster is provided with a CIP system for the suction head system.
- The suction heads lifting mechanism and the lifting platform for the de-stacking of the trays is powered with servo drives.
- The RotoMaster is suitable for trays of different types and quality.
- The electrical and pneumatic components are housed in a central panel which is integrated in the frame of the RotoMaster.
- A touch screen and ergonomic design of the machine makes the RotoMaster easy to operate.
- The moving parts of the RotoMaster are protected by means of a safety cover. This cover is lifted / lowered automatically in case of maintenance / cleaning.
- Number of moving parts has been reduced which results in minimal maintenance costs.



As an option an automatic turning system for stacks of trays can be added to the RotoMaster (6). This unit takes care that all stacks of trays are positioned automatically in the right way.





TYPE: CEM 432 ROTOMASTER

Capacity: max. 45.000 *eggs per hour*

Electricity: *3ph. 400V+N+PE 5,5 kW*

Air consumption: *280L/min @ 5-6 bar*

Cold water: *1L/min*