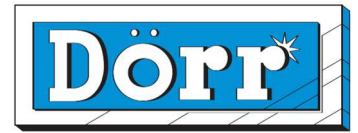


Denesting machine



Solid and Reliable



Delivery program:

- * Denesting machines
- * Clamshell erecting and lid-closing machines
- * Customized solutions
- * conveyor belts
- * stop & go conveyors



Dörr Kampen BV

is a leading manufacturer of stainless steel machines and equipment for the food industry. Dörr has been building denesting machines for the packaging industry since 1991. The machines are used in the fruit and vegetable sector, for convenience food, cheese and meat packers and for packaging non-food. The machine can be used in any conceivable situation where a tray or lid is used for packing

Experience

With more than 550 machines build, Dörr can rely on quite some experience in destacking trays, trays, inserts, blanks, cups, caisses and sachets. The experience gained is immediately reflected in the well thought-out concept from which the machines are built.

Lids and Clamshells

Closing trays with lids and the setting up and closing of so-called clamshells are among the possibilities with which Dörr has achieved good results.

Materials

PP, PET, OPS, PVC, aluminum, cardboard and paper can usually be processed by our machines without any problems.

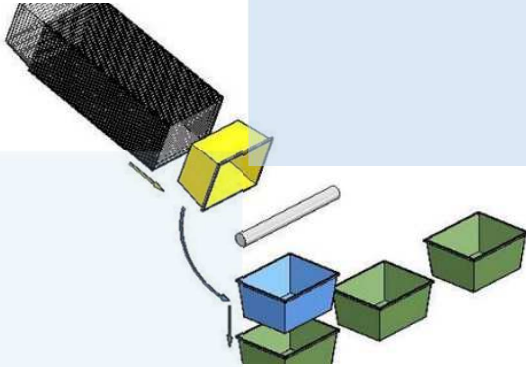
Sustainability

The established trend with sustainable packaging can be followed without any problems with the Dörr Denesting machine. With the so-called 'Linear Pick-up' movement we can destack a wide range of cardboard trays.

Integration

The PLC control system used makes it possible to integrate the machine 'stand-alone', but also partially or completely in an (existing) packaging line.

Denesting philosophy



Philosophy

Dörr applies the philosophy that for a far-reaching operational reliability of an industrial packing line, it is necessary that the product to be destacked must be kept under control for as long as possible. The product is only released at the very last moment. So nothing is left to chance. Only in this way, a high degree of accuracy can be achieved. Partly because of this philosophy, Dörr's denesting machines are known for their high degree of reliability.

Operation

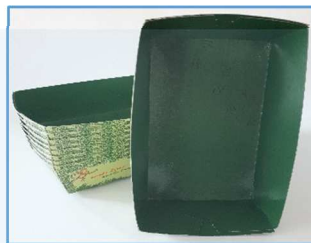
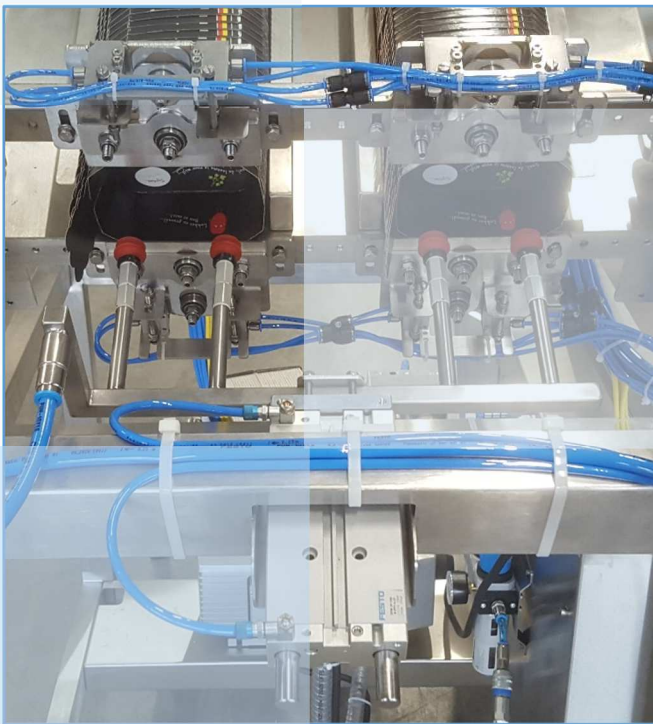
The Dörr Denesting machine works electro-pneumatically and is PLC controlled. She destacks the material presented in controlled movements and with great accuracy. The machines are ideally suited for the food industry and clean-room environments.

Switch product

Dörr strives to make, if exchangeable parts are required, in such a way that they can be exchanged without the use of tools. In this way, production staff themselves are able to quickly and efficiently convert the machine to another type of tray, without the intervention of a technical service.

Autonomy

To obtain greater autonomy, several machine stocks can be placed next to each other. Stock Supply belts are also possible. With a single machine on the left or right side, with a double machine it is possible to place stock supply belts on both sides.



Solid and reliable

Types and execution

The machine design is determined by the products to be destacked. It is therefore important that all models to be destacked are already discussed in the quotation stage. The standard arrangement of the machine is perpendicular to the line. However, "in-line" placements are also possible. The stock has a length of 1000mm. When designing the machines, the main and side issues are carefully considered. What isn't needed, does not come up. See also the options list.

Conveyor Belts

If required, the denesting machine can be provided with a conveyor belt. Our conveyor belts consist of a height-adjustable frame with a transport system of your choice. This can be: a PVC belt, chain with pushers, link belt with or without pushers or an all stainless steel conveyor belt.

The choice is determined in consultation with the customer.

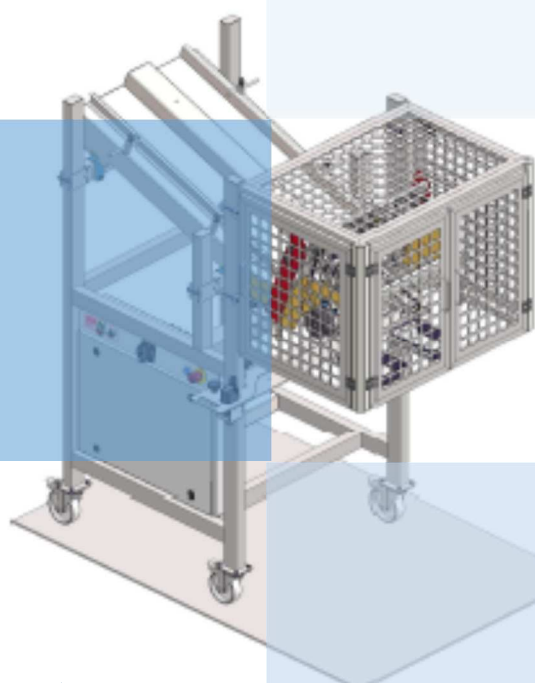
Customization

Building denesting machines is always customized work. The product to be destacked, together with the desired speed and your specific situation, determines the type of denesting machine. With or without a conveyor belt of your choice. Check out our website; www.dorrkampen.nl, or our Youtube channel where a number of films of standard and custom solutions are shown.

Together from drawing to implementation

The layout can be viewed in advance with a thorough 3D drawing. Good contact and clear communication with the customer is essential to bring every project to a successful conclusion.

Solid and Reliable



↑ Drawing
↓ Execution





• Clamshell drop and closing

Options

- Warehouse almost empty signaling
- Stainless steel security cover
- Optical signaling by means of light column green- yellow and Red
- Frame on wheels
- Docking station

Maintenance and Service

The denesting machines are highly reliable and user-friendly. They require a minimum of maintenance. The stainless steel parts are robust and reproducible. The electrical and pneumatic parts are from renowned brands that are available worldwide. This also enables you to keep the machine in top condition. In addition, you can always count on the Dörr technical staff.

Specifications

Dimensions: are customer specific

Speeds : product dependent

Connection value: 3 phases 400V 50Hz16A*

Air consumption : about 60 ltr / min *

Vacuum : by means of a vacuum pump with buffer tank built in machine frame

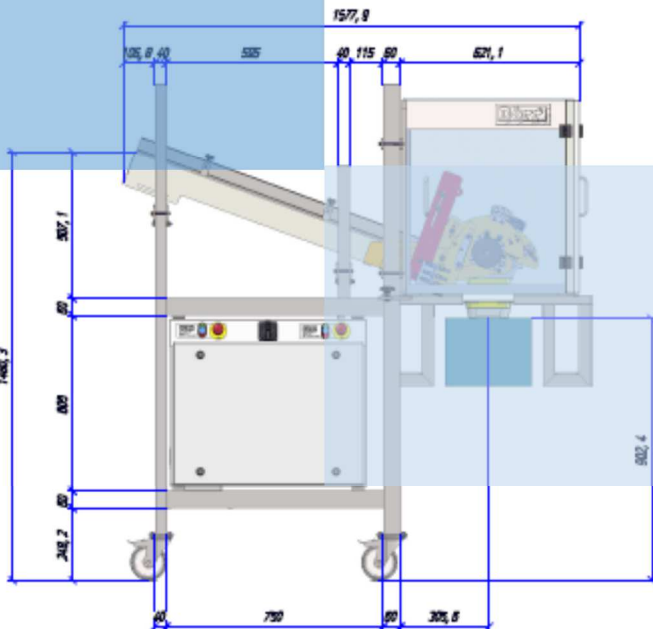
Pneumatics : Festo

PLC : Siemens

Sheet metal machine : stainless steel Aisi 304

Frame : stainless steel

*When using a vacuum pump



Certification

The machines are built in accordance with the Machinery Directive 2006/42/EC

Telephon +31- 38-3314200
E-mail info@dorrkampen.nl
www www.dorrkampen.nl

Dörr Kampen BV
 Haatlanderdijk 25
 8263 AN Kampen
 The Netherlands
 Technical changes without prior notice possible

Printed in the Netherlands
 AS: VADE03-E 03S05
 Certified Management
 system



Solid and Reliable