



Tronrud Engineering and their optimal packaging machine for gable top cartons

Tronrud Engineering is a Norwegian machine builder company that designs, manufactures and supplies packaging machines to customers worldwide. Their newest packaging machine for cartons is fast and flexible, with a capacity of 14 000 gable top cartons per hour.

Tronrud's newest machine is called CP24 TL. It is designed and developed for optimized packing of gable-top cartons in tray/lid boxes. The cartons are fed efficiently from two lanes and built up in patterns. The lid is folded

around the cartons and glued together before a similar process is carried out with the tray. The machine runs this process automatically with a rate of 24 boxes per minute and 14 000 cartons per hour.

Bjørn Juvet, one of the machine's designers from Tronrud, says that the design is carefully planned:

- To create a fast and user-friendly machine, all the machine's features are designed on one level. By doing this, a great overview of all movements follows and at the same time an easy access for maintenance and cleaning, says Juvet.

Deliveries to TINE Norway

CP24 TL is already installed in factories in Norway. In 2018, two machines were delivered to TINE Brumunddal.

Jo Vegard Lierhagen, project manager at TINE Brumunddal, points out the user-friendliness of CP24 TL:

- The machine has a short change-over time and is easy to operate, says Lierhagen.

He also points out the importance of follow-up from Tronrud:

- The follow-up from Tronrud Engineering after delivering the tray/lid machine has been good, which is important to us.

Start / stop function on 3D-printed door handle

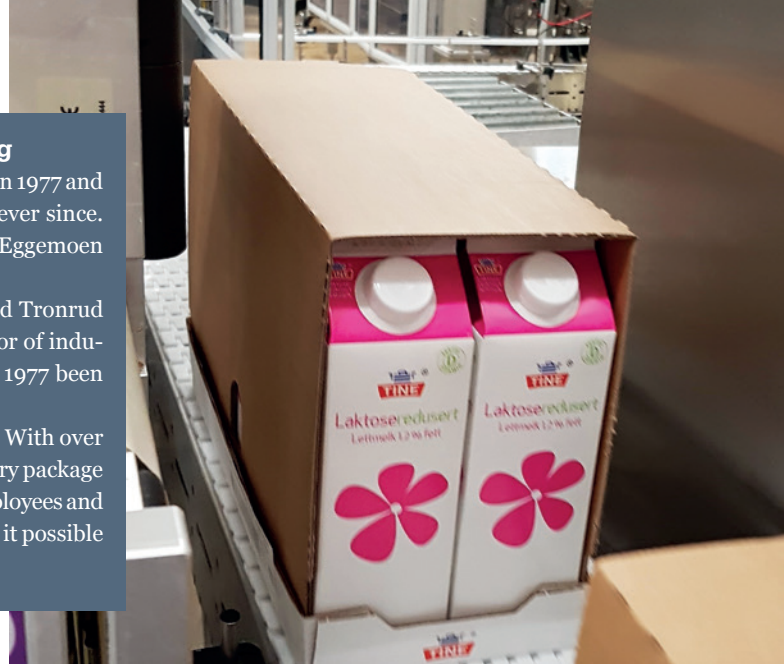
Tronrud Engineering's vision is to be a pioneer in the sector of industrial automation. The machine itself is a concrete example of this, but their vision is also noticeable when looking at the machine's

Learn more about Tronrud Engineering

Tronrud Engineering was founded by Ola Tronrud in 1977 and has been at the forefront of advanced technology ever since. Today there are 150 employees in its premises at Eggemoen and 50 in its subsidiary in Moss, south of Oslo.

Today's CEO is Svein Steinsvik, carrying forward Tronrud Engineering's legacy of being a pioneer in the sector of industrial automation. The company's motto has since 1977 been "putting ideas into practice".

One of Tronrud's sectors is packaging machines. With over 40 years of experience, they have delivered secondary package solutions worldwide. The combination of skilled employees and close relationship with the customer is what makes it possible for them to create valuable solutions.



details. The start and stop function are placed on the machine's door handle. The engineers have designed the machine like that to increase its ease of use: the operators do not have to use several keystrokes when starting the machine, they can just push the green button on the door handle. Parts of the door handle

is also 3D-printed in the company's own production facilities, a production technology they have experienced since 2011.

A great machine today and in the future

Tronrud Engineering wanted to contribute with a secondary packaging solu-

tion that was efficient, safe, innovative, flexible and user-friendly. Skilled employees, joy of work and close cooperation within the team made it possible – and the result was CP24 TL.



CP24 TL

The optimal packaging machine for cartons

Handles different sizes of gable top cartons
Up to 14 000 cartons per hour



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