

# Hydrocooler flat belt

**Model:**

Hydrocooler flat belt

**Material:**

Stainless

For instant cooling of root crops EKKO maskiner A/S has developed a new flatbed Hydrocooler. With an automatic swivelling feeder belt, the root crops are laid out in a 300 mm thick layer on a flush-grid chain belt in plastic.

The flow rate speed is step-less adjustable by means of a frequency control. The machine can be built after sizes, and is available for all capacities, and for cooling from 25°C down to 2°C core temperature.

The hydrocooler functions by sprinkling of icewater (+ 1°C) in huge amounts over the whole length. The water gather in a tank with 4 sections, each with a pump that ensures continuing re-circulation. In each cycle the water passes a cooling tower.

The advantage by a flatbed Hydrocooler, in comparison with our conventional tank Hydrocooler, is that it can be built to huge capacities, up to 25-30 tons/hour. If you wish to install the Hydrocooler after a grader, it can be equipped with internal, separate lanes, each containing its grading.

The Hydrocooler is equipped with photo sensor controls that speeds up the flush grid chain by overfilling, as well as slows it down by underfilling.

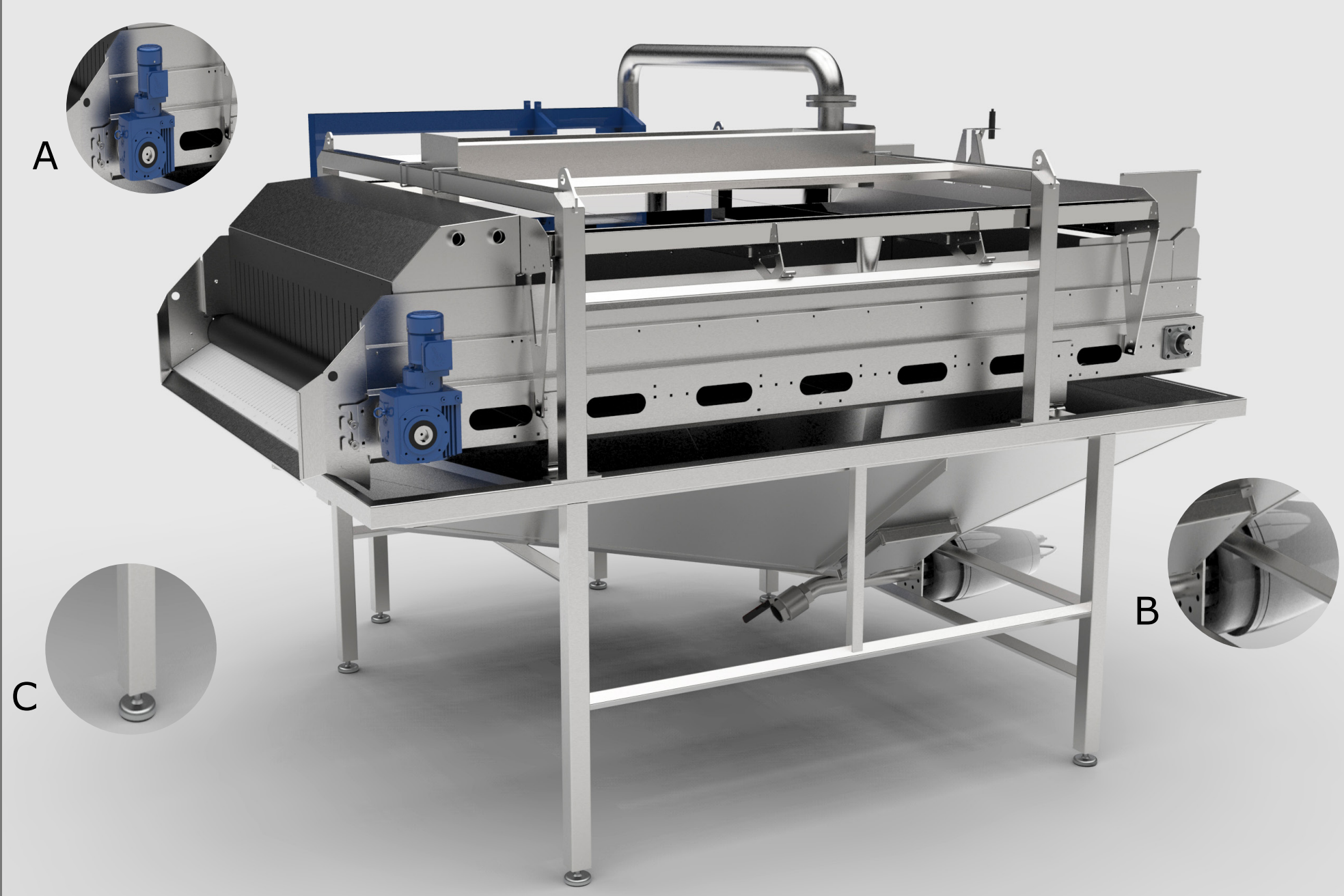
**Standard**

Model	temperature. cooling from	Capacity T/h
EM2210	25 down to 2 degree	2-30



A Gear Motor

B Circulation pump.



C Adjustable legs