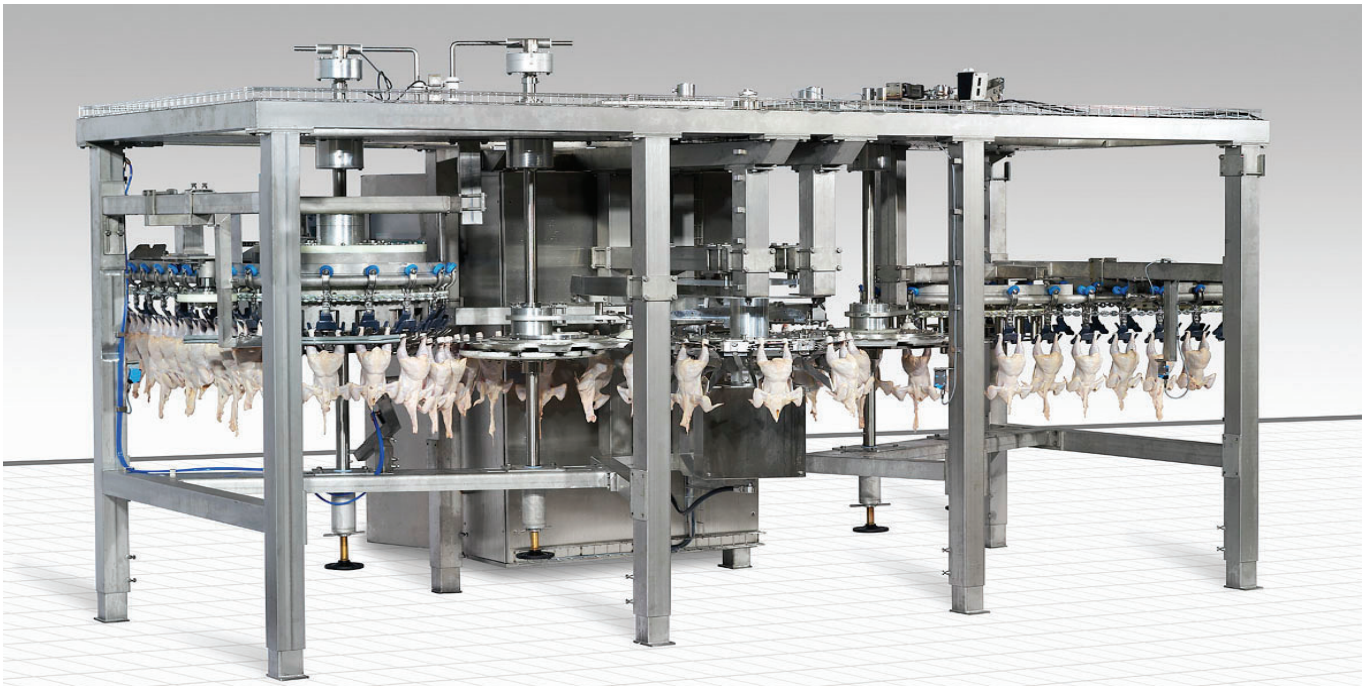


## LINCO 520 Weigh Transfer



The new LINCO 520 Weigh Transfer is the market's most accurate system for weighing and transferring birds at high speed. The system incorporates state-of-the-art technology that provides the ultimate in weighing accuracy.

This new patented principle makes it possible to weigh whole birds with accuracy better than  $\pm 0.25\%$  – in other words, with a tolerance better than  $\pm 3\text{ g}$  for a bird of 1200 g weight – at a speed of up to 12,000 birds per hour.

### Static weighing

The LINCO 520 operates with a “static weighing” principle. The birds are automatically transferred to the weighing wheel. Here they are spread out to (254/304 mm) pitch, regardless of the pitch of the incoming line. The 10- or 12 inch pitch provides sufficient space to avoid any interference between the birds in the weighing process.

The weighing “window” of the LINCO 520 is up to 112 inches wide (2845 mm) depending on the model, far more than any overhead weighing machine on the market today. When passing this window each bird is being weighed while in a static position in relation to the weighing cell. This ensures the unique weighing accuracy.

After the weighing process is completed the birds are automatically transferred onto the next line. This allows the weighing wheel a “window” of up to 80 inches for zeroing and resetting in preparation for the next bird. The zeroing is crucial, as all load cells are prone to drifting with fluctuating temperatures. When a traditional overhead-weighing machine is running at full speed there is no time for zeroing. This causes the weighing accuracy to deteriorate during the day.

Combined, these features provide a failsafe weighing system with a weighing accuracy second to none.



*The birds are spread out to a 10" or 12" (254/304 mm) pitch on the weighing wheel. Depending of bird size.*

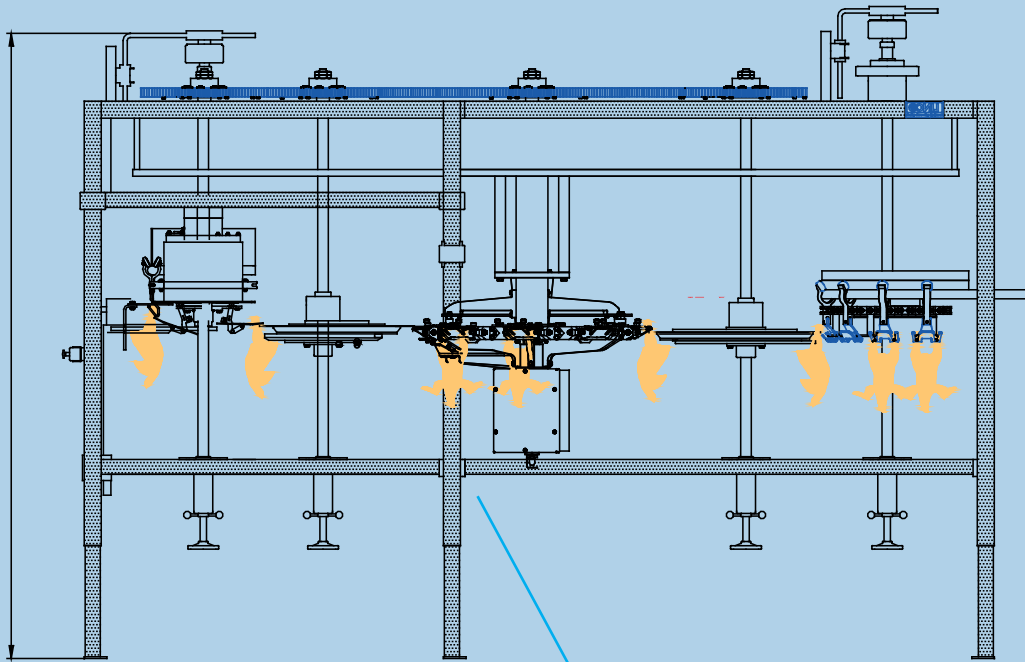
### Anywhere in the process line

The birds are being weighed and distributed in standard two-leg shackles. This means that the LINCO 520 can be incorporated anywhere in the process, e.g. from the live bird, scalding and picking line to evisceration, or from evisceration to the chilling line, through to cut-up and distribution.

The system is capable of re-hanging the birds from any pitch to any pitch – and from any leg-spread to any leg-spread – with a transfer efficiency of up to 99%, at speeds up to 12,000 birds per hour!

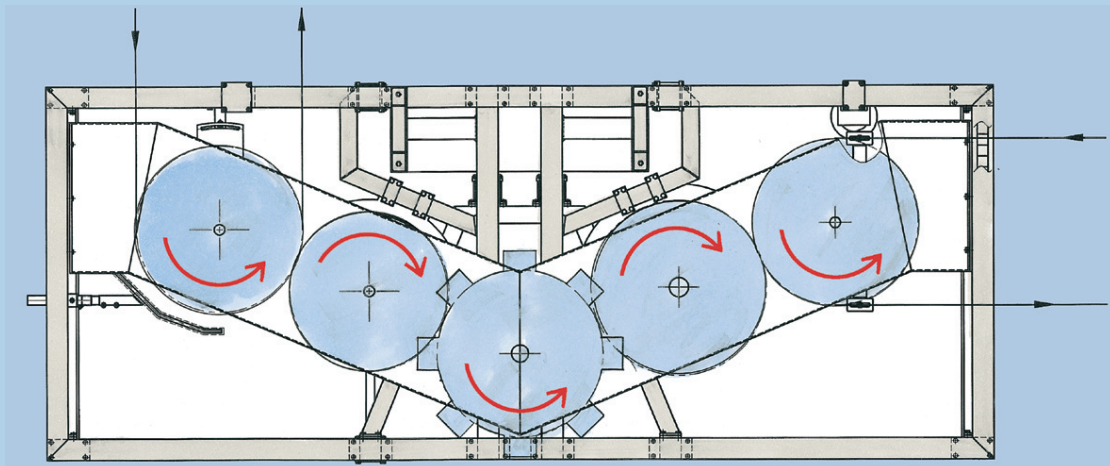
### Different models

The LINCO 520 will be available in different models, depending on required speed, size of birds, or integration of leg cutter or buffer. The system is designed to weigh birds with a live weight from 1000 g - 4500 g with a variation of max 2000 g from smallest to largest birds.



Static 10" or 12" weighing

De-feathering line  
Evisceration line  
Air-chilling line



Evisceration line  
Air-chilling line  
Distribution line  
Cut-up line