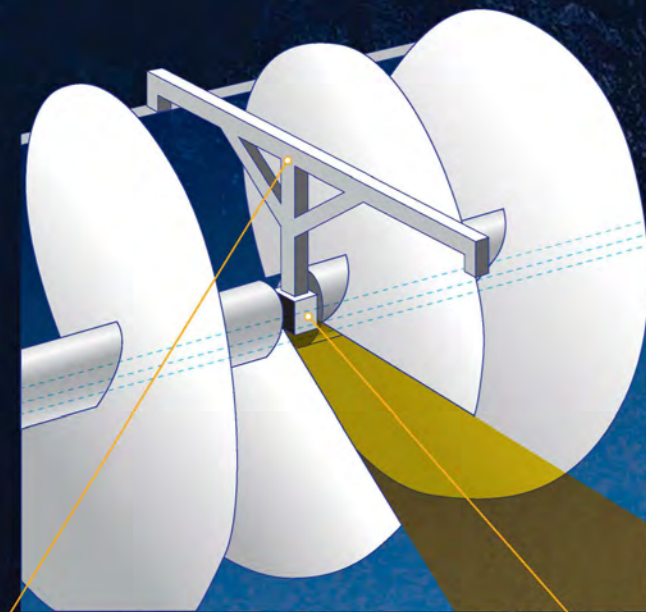


## The Problem: Why the surge?

Conventional chillers create gaps allowing birds to surge due to the auger supports

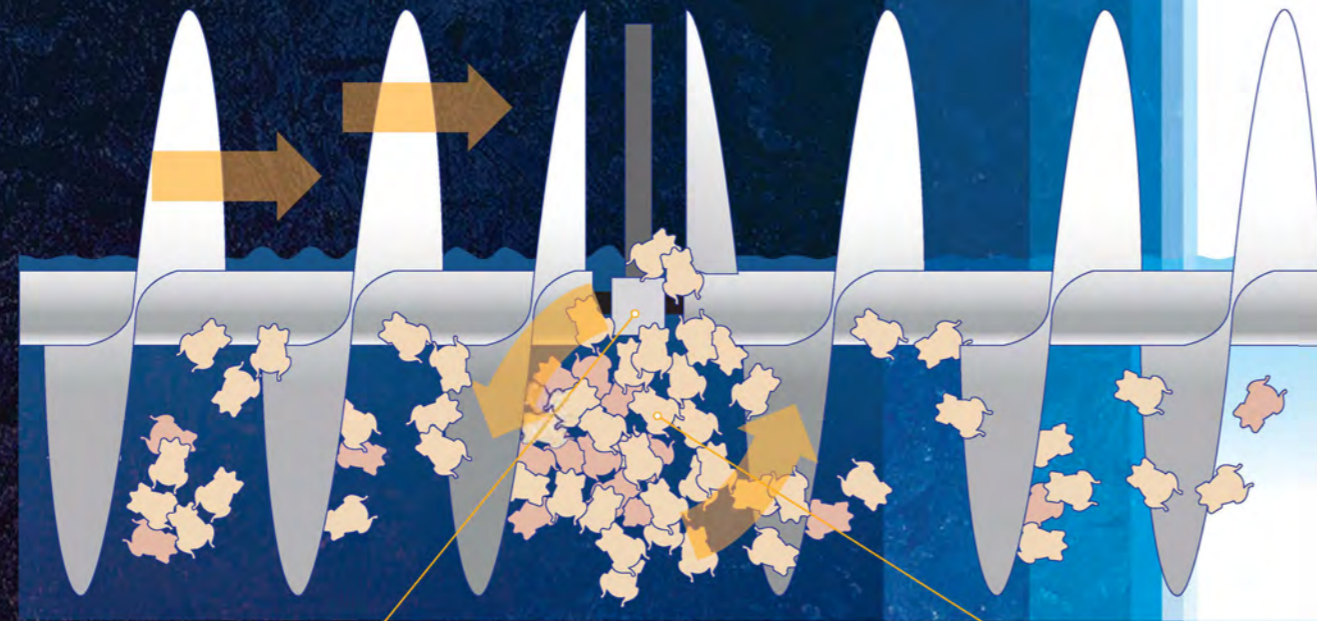
CUT AWAY VIEW of HANGER BEARING



Auger supports

The Conventional hanger bearing

## The Conventional Chiller



Birds trapped in gap created by large bearing chamber.

The birds build up in large numbers and create the 'surge'

- Surges create inconsistent throughput and reduced process control
- Inconsistent residence time
- Prolonged product changeover times awaiting chiller emptying

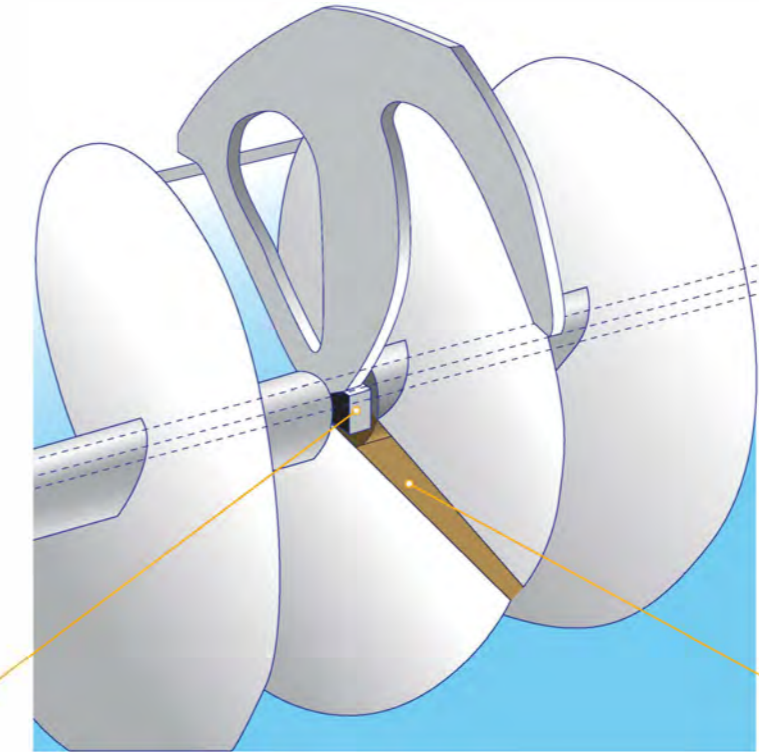
- Additional manpower during breaks:
  - Diverting last emerging birds to combos
  - Overloaded rehang tables
- Birds left in chiller to be fished out by sanitation crew delaying clean up

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## The Solution: Better engineering.

The new MT Chiller effectively eliminates gaps ensuring even flow throughout chiller due to dramatically narrower auger supports

## The MT Chiller™

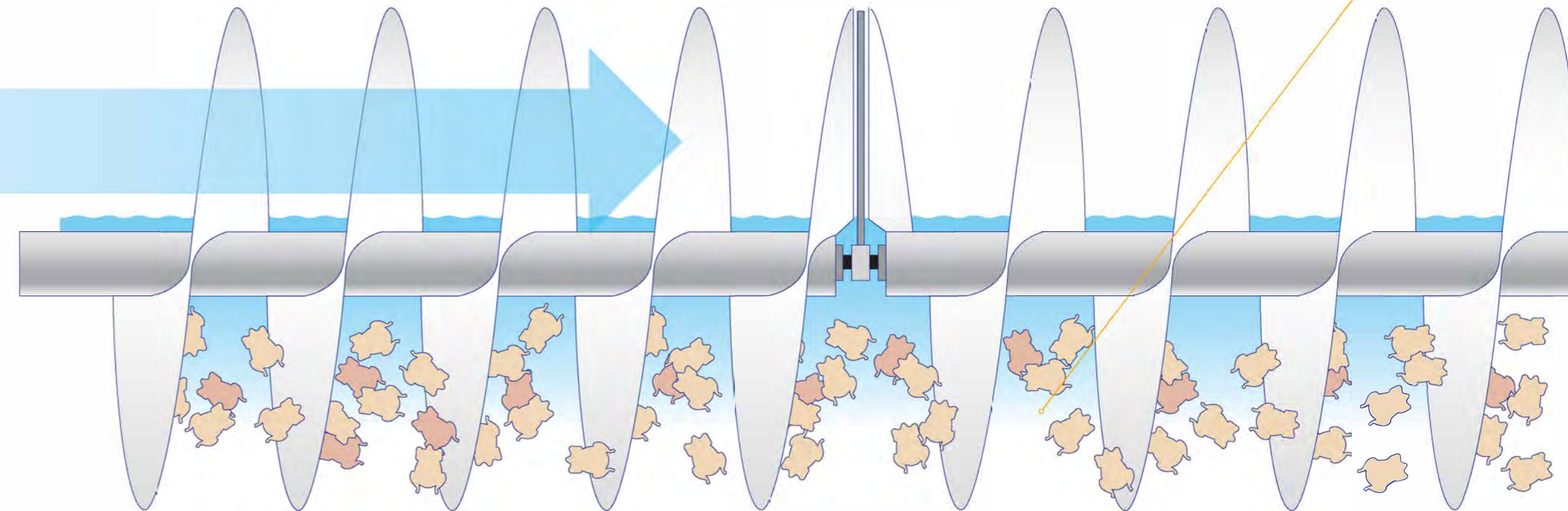


The MT Chiller™ hanger bearing

CUT AWAY VIEW of HANGER BEARING

Gap between flights reduced by 2/3's thereby eliminating the tendency for birds to stall, accumulate and surge

Even bird flow throughout entire chiller



- Eliminates surges and provides steady throughput
- Consistent residence time
- Cleaner separation between product changeovers
- Break time:
  - Discharge rate quickly drops to zero
  - No overflow on rehang table
- Chiller empties on schedule
- No birds left in chiller before clean up

**MORRIS**  
One cool idea after another