

Distributor meeting

2023

Dilucup System

LabRobot

– A PART OF AddLife

Agenda

- Dilucup
- Production machine
- Warehouse/Workshop
- Dilushaker III
- Dilugent Shaker
- Future
- Information exchange / Questions



LabRobot

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Dilucup

- Prefilled plastic containers
- Fantastic raw material.
- Easy to form
- Perfect for clean products
- Low weight
- Recyclable up to 7 times



Dilucup

Recycled raw material

Our plastic in, formed cup, today is
30% recycled

Recyclability of waste

After welding station the product is only recyclable to make energy.

Not enough available

Dilucup

- We are following the development of sustainable materials and techniques.



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Production machine



- Thera 650
- Forming station
- Filling station
- Punching station
- Two welding stations
- Cutting stations

LabRobot

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Production machine

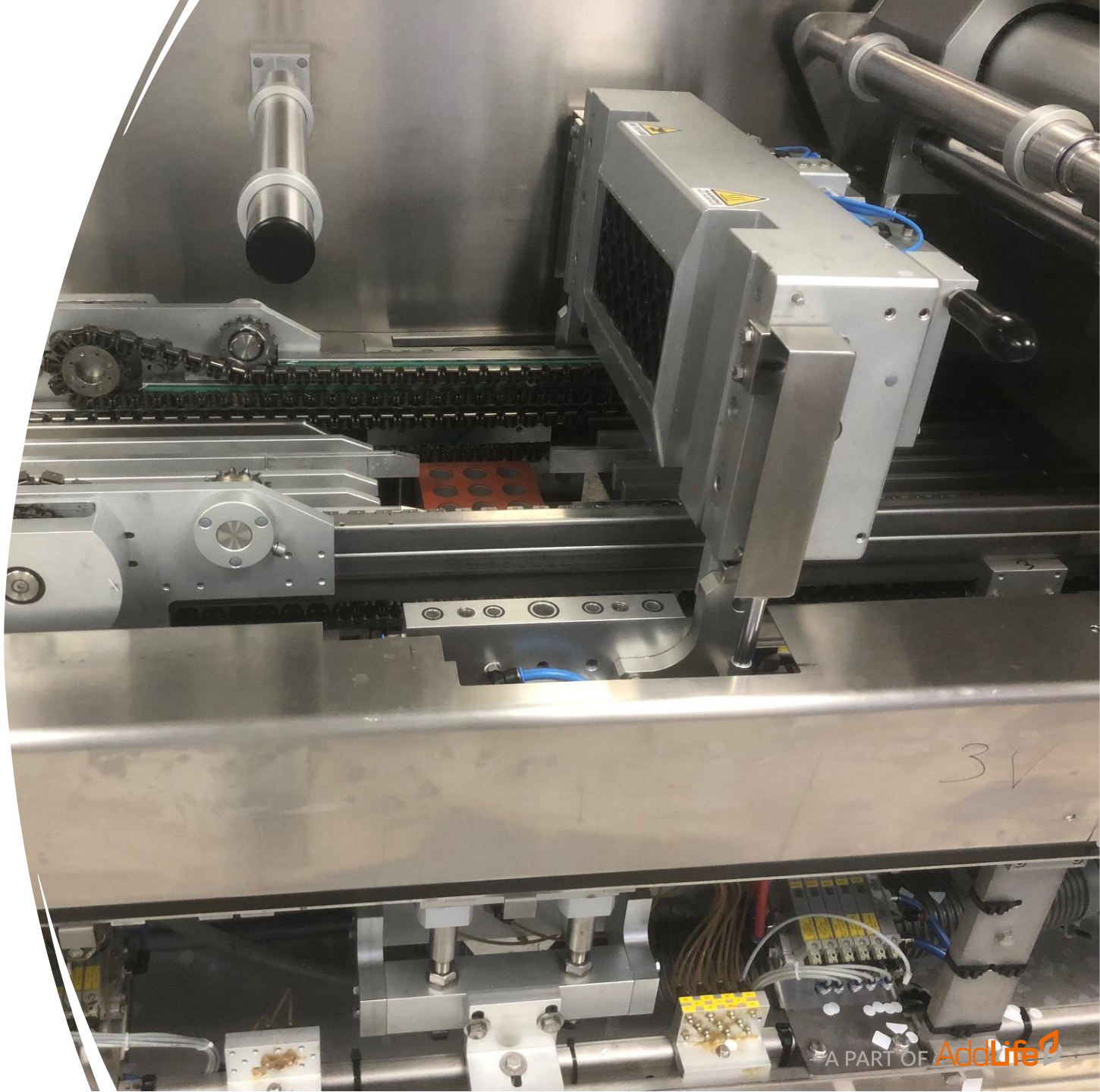
- **Welding plates**

- Surface treatment
- Temperature range
- Lifetime before re-coating
- Shape on the plate
- Maintenance



Production machine

- Know how
- Confidence
- Courage to test and fine tuning the machine even more



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Production machine

Maintenance

- Daily — Cleaning
- Weekly — Welding plates, knifes
- Monthly — Sealing gasket, chain
- Every ten weeks — Lubrication
- Annually — Changing oil and filters



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Production machine

- Fine tuning



LabRobot

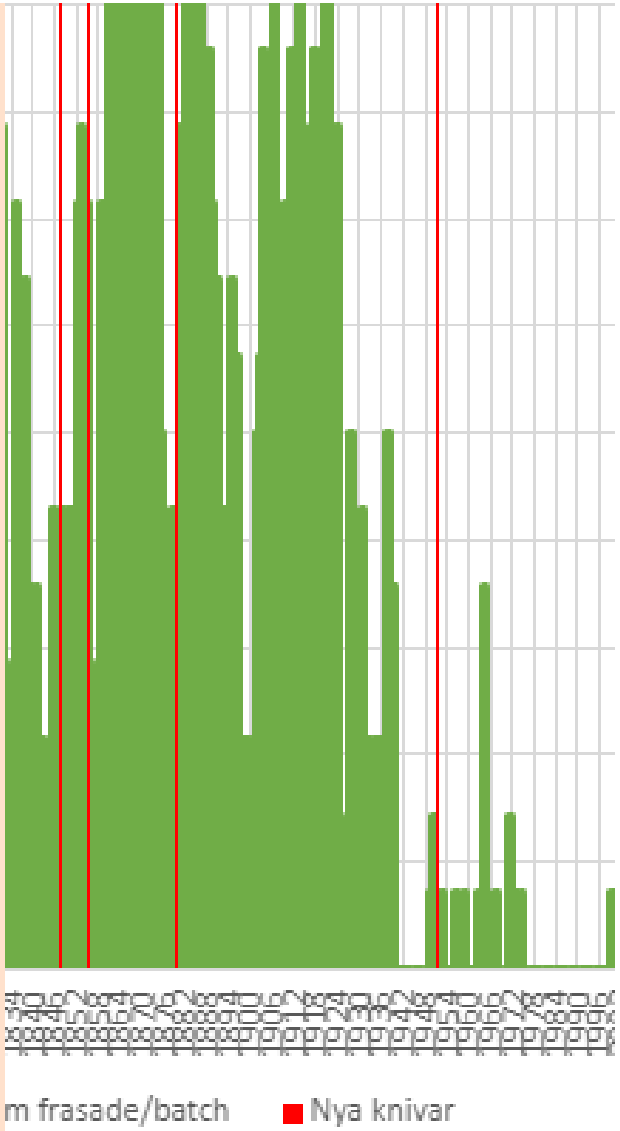
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Production machine

Knifes

- Lifetime 2 month
- Lifetime 18 month still counting



Warehouse/Workshop

- Warehouse optimization
- Pallet racks
- Cold room
- Packing room

- Workshop
- New optimized work benches
- Drilling machine
- Grinding machine

New

126 pallets



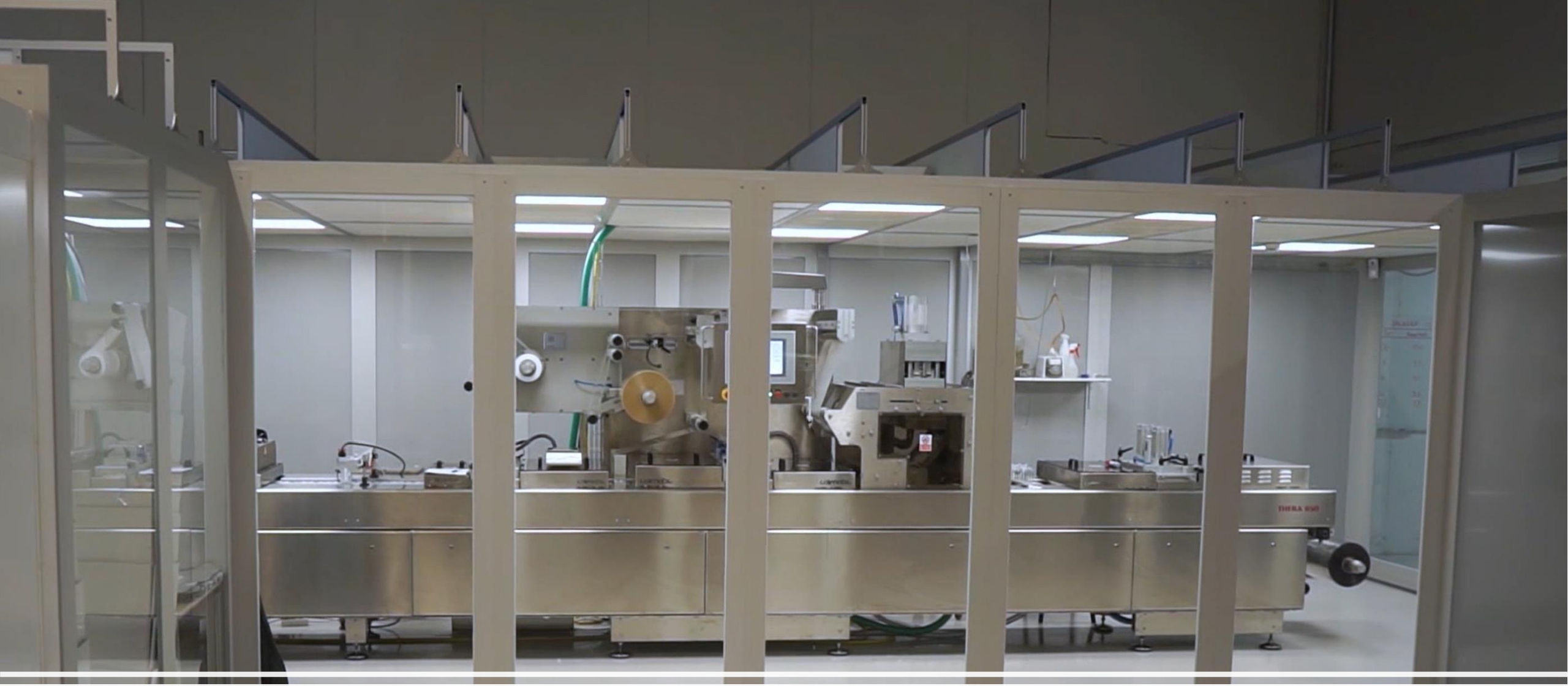
Old

74 pallets



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Cleanroom



Warehouse/Workshop

50% Larger cooling room

Dilushaker III



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Dilugent Shaker

- Light
- Standard
- Pro

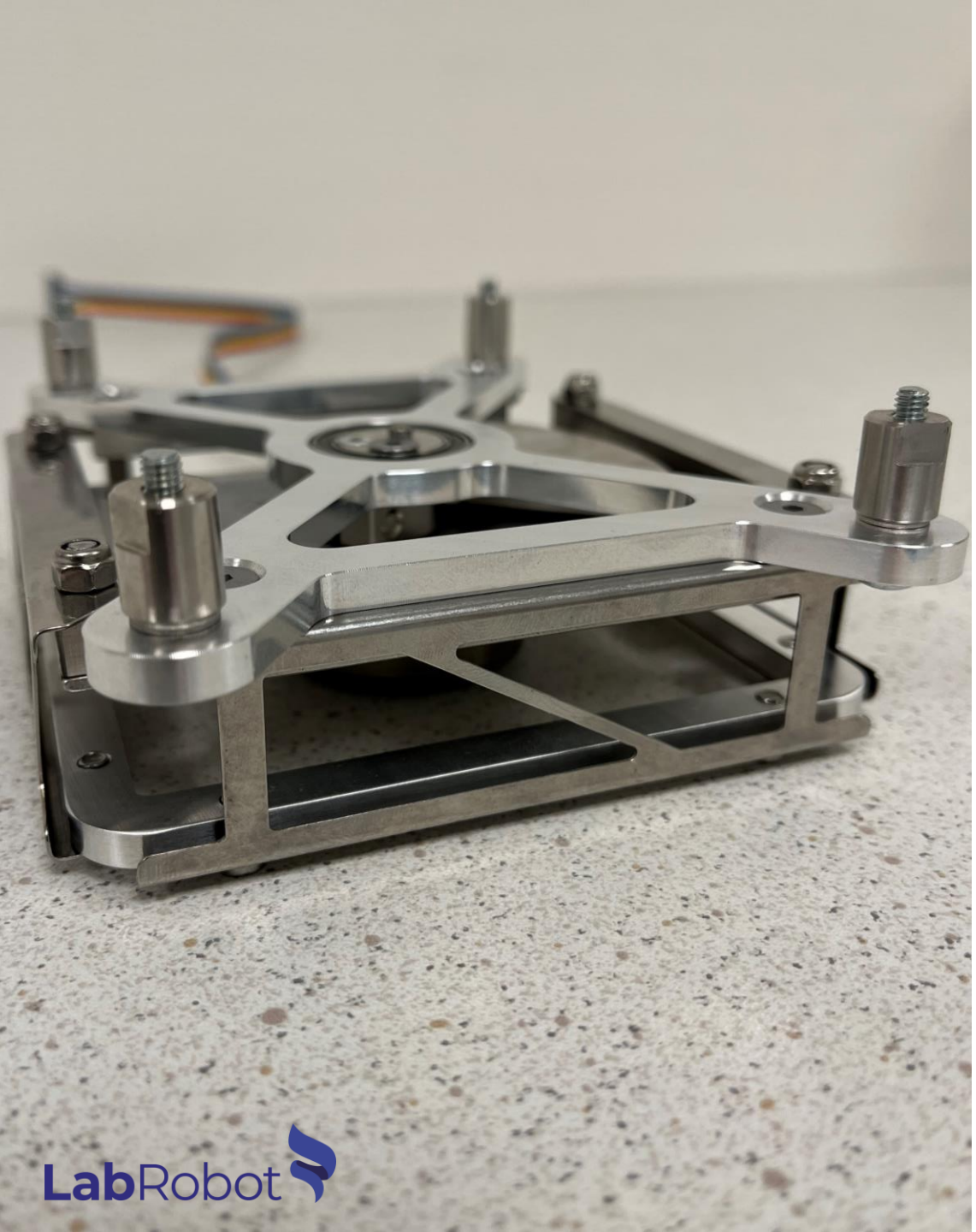
- Differences lays entirely in the software.

- Upgrading is possible to do remotely.



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Dilugent Shaker

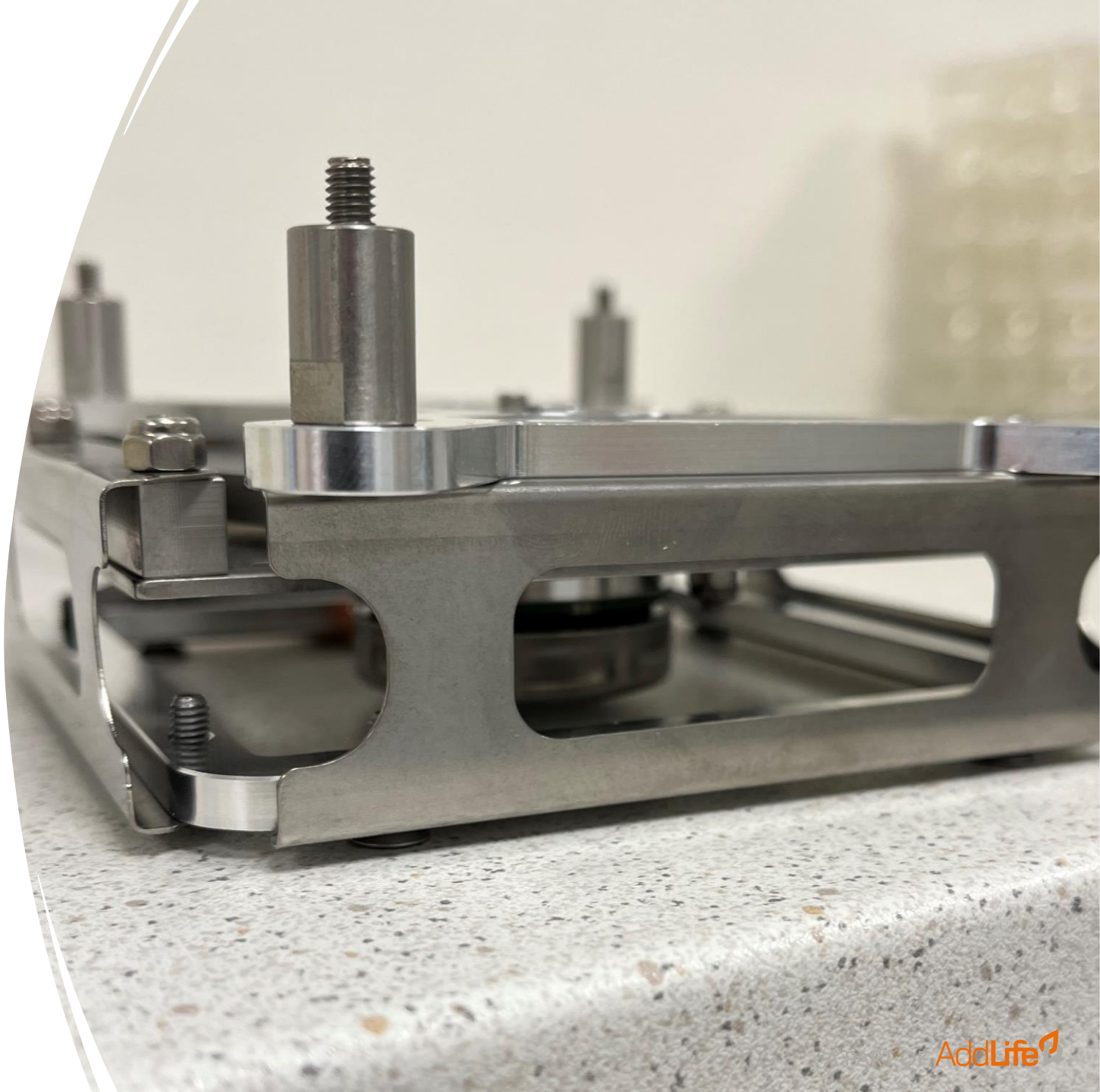
- Challenging start
- Spring failure
- Reconstruction

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Dilugent Shaker

- New screws
- Taller nut
- Countersunk holes on the crossbar



LabRobot

AddLife

Dilugent Shaker

New support

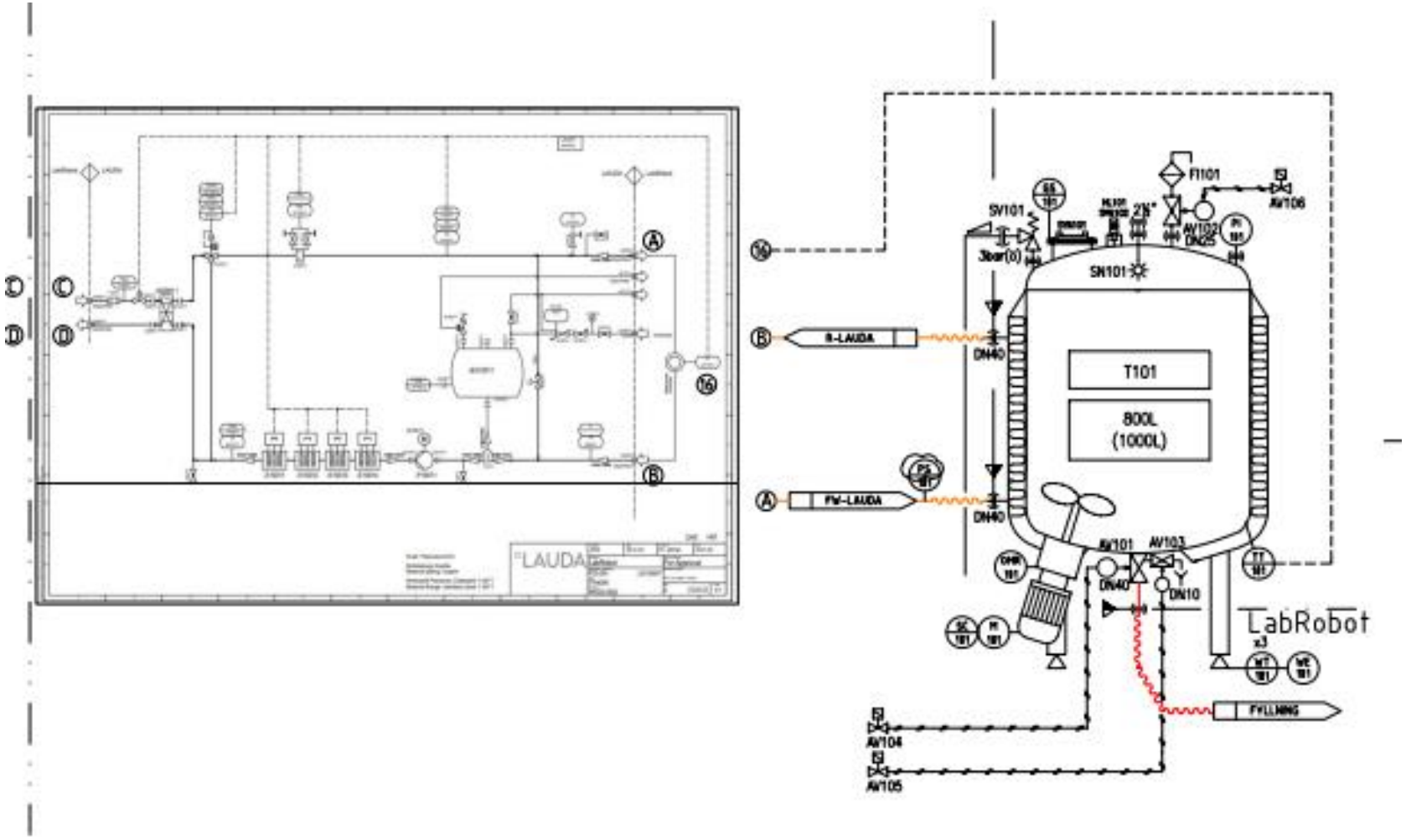


New

Old



Future



Future

Lauda ITH400

- 60kW
- 180°C Oil





Questions/Information exchange

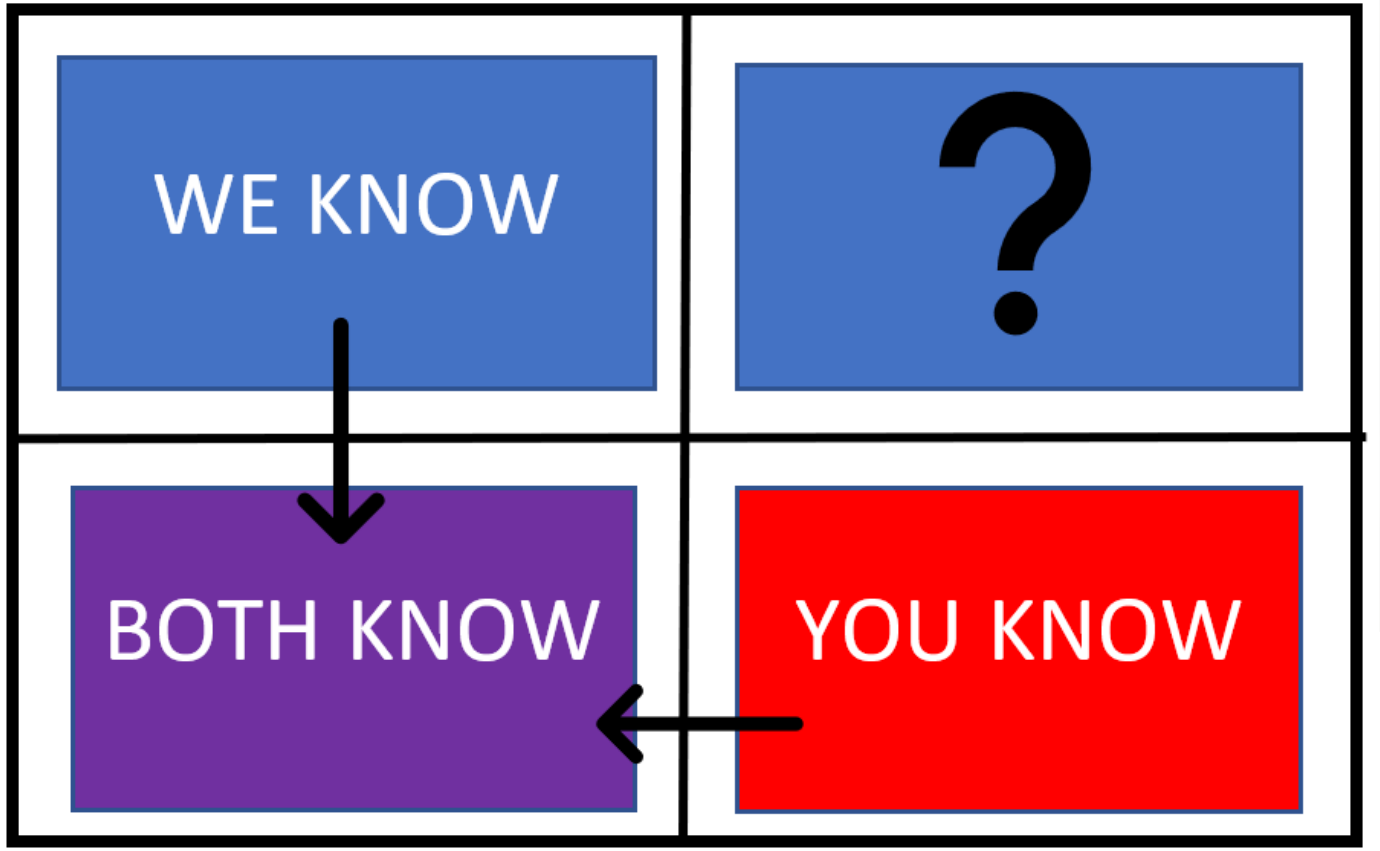
- **Dilugent Shaker** Led light stops working temporarily

Two machines in Austria

Five machines in Canada



LabRobot



Distributor

Questions/Information exchange

Agenda

FIKA

