

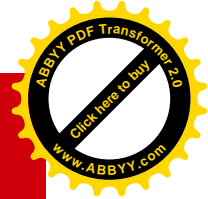
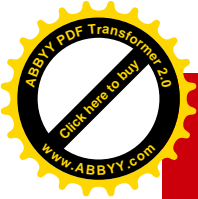
robotic milking



Jan Dirk van Mourik, Lely Industries N.V.

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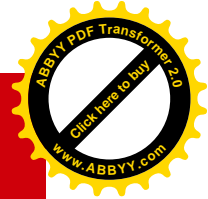
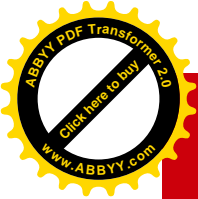
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Content

— *innovators in agriculture* —

1. Introduction
2. Sensors
3. Barn layouts



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1. Introduction

Why do farmers buy a robot?

1. Milking the cows more often:
 - Increased milk production
 - Improved udder health
 - More lactations
2. Labour reduction
3. Sensors for optimal cow management
4. Job done as expected



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1. Introduction

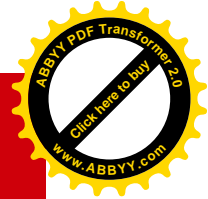
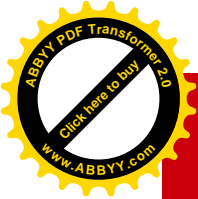


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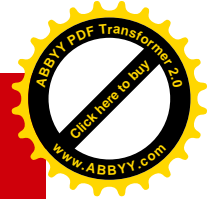
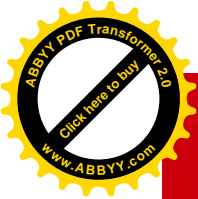
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Types of sensors

Most important parameters:

- Health
- Udder health
- Reproduction

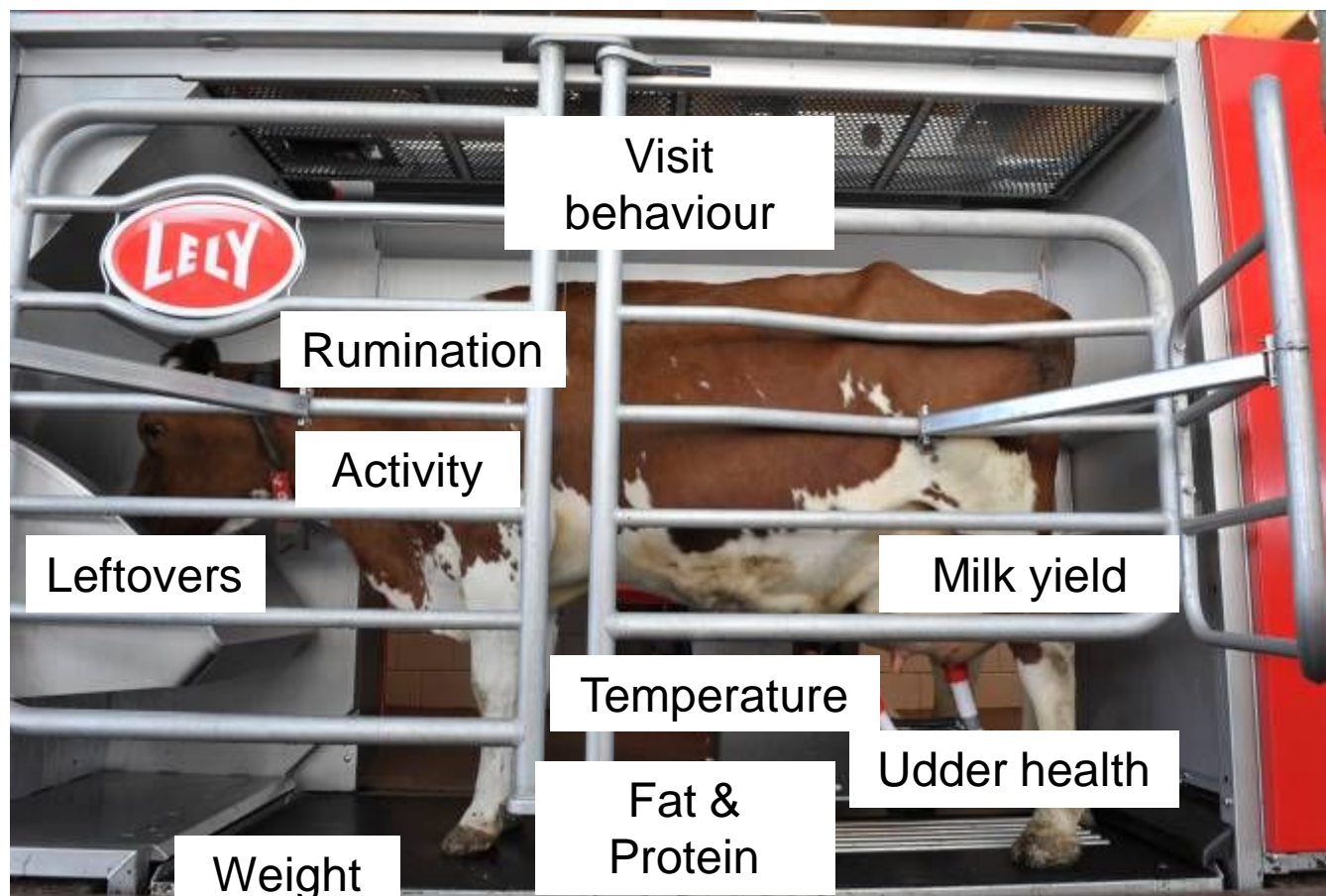


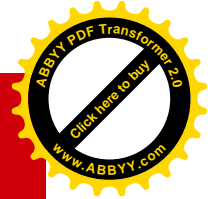
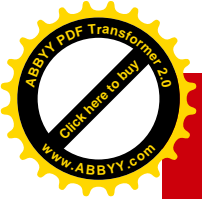


2. Sensors in practice

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Health:

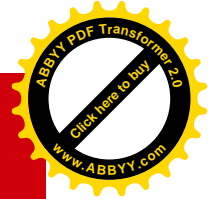
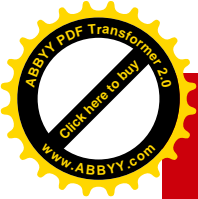




Robot accessibility

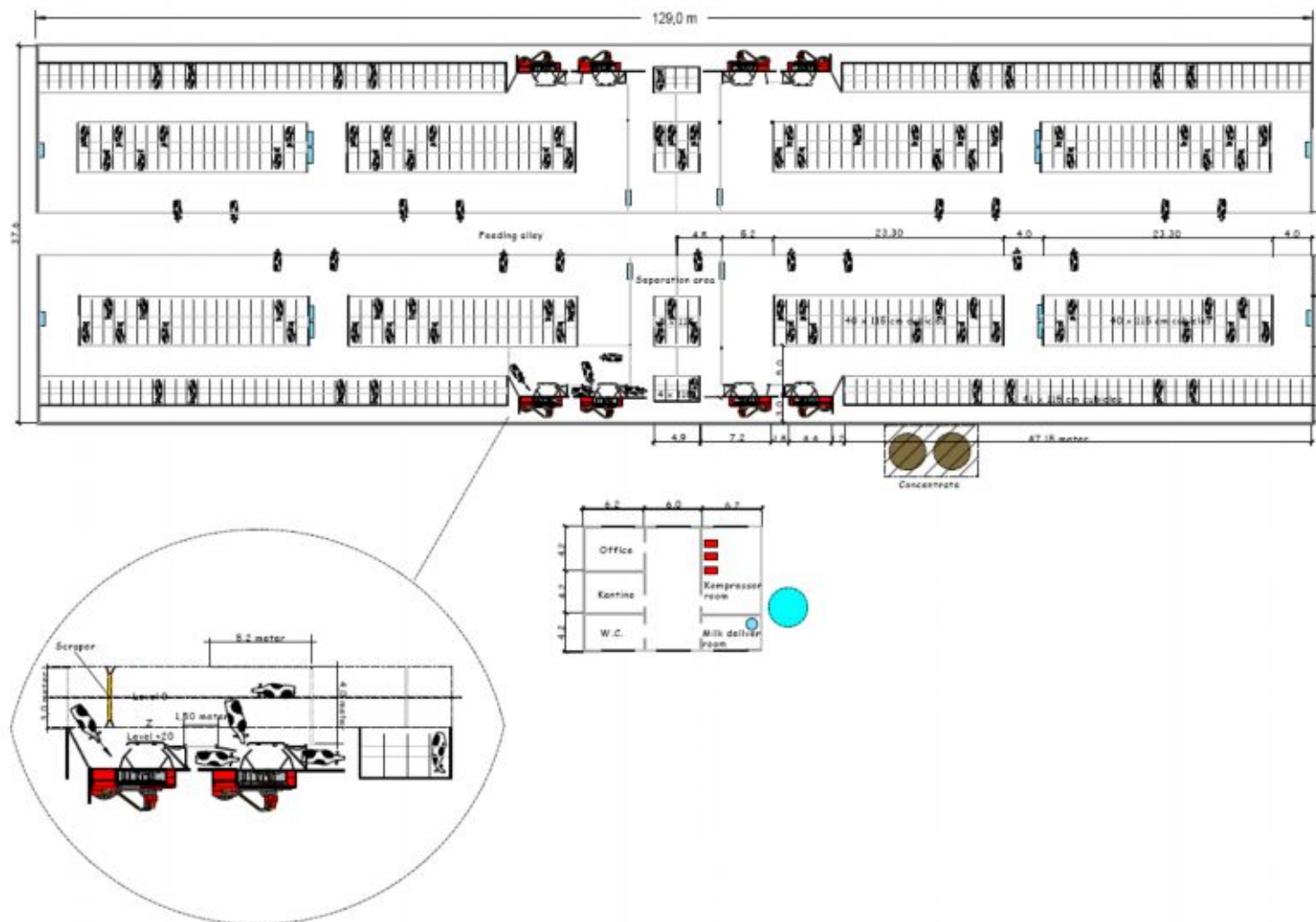
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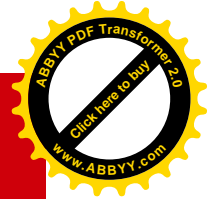
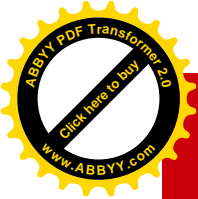




8 robots, 500 cows/barn option 1

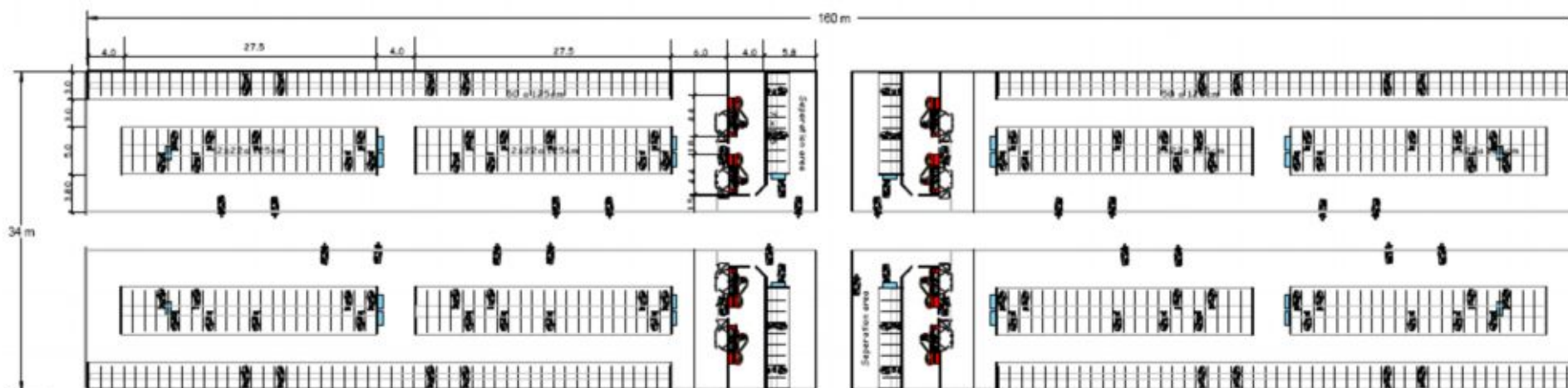
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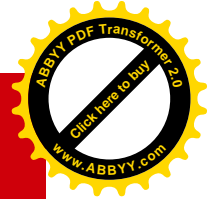
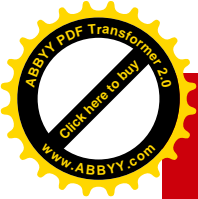




8 robots, 500 cows/barn option 2

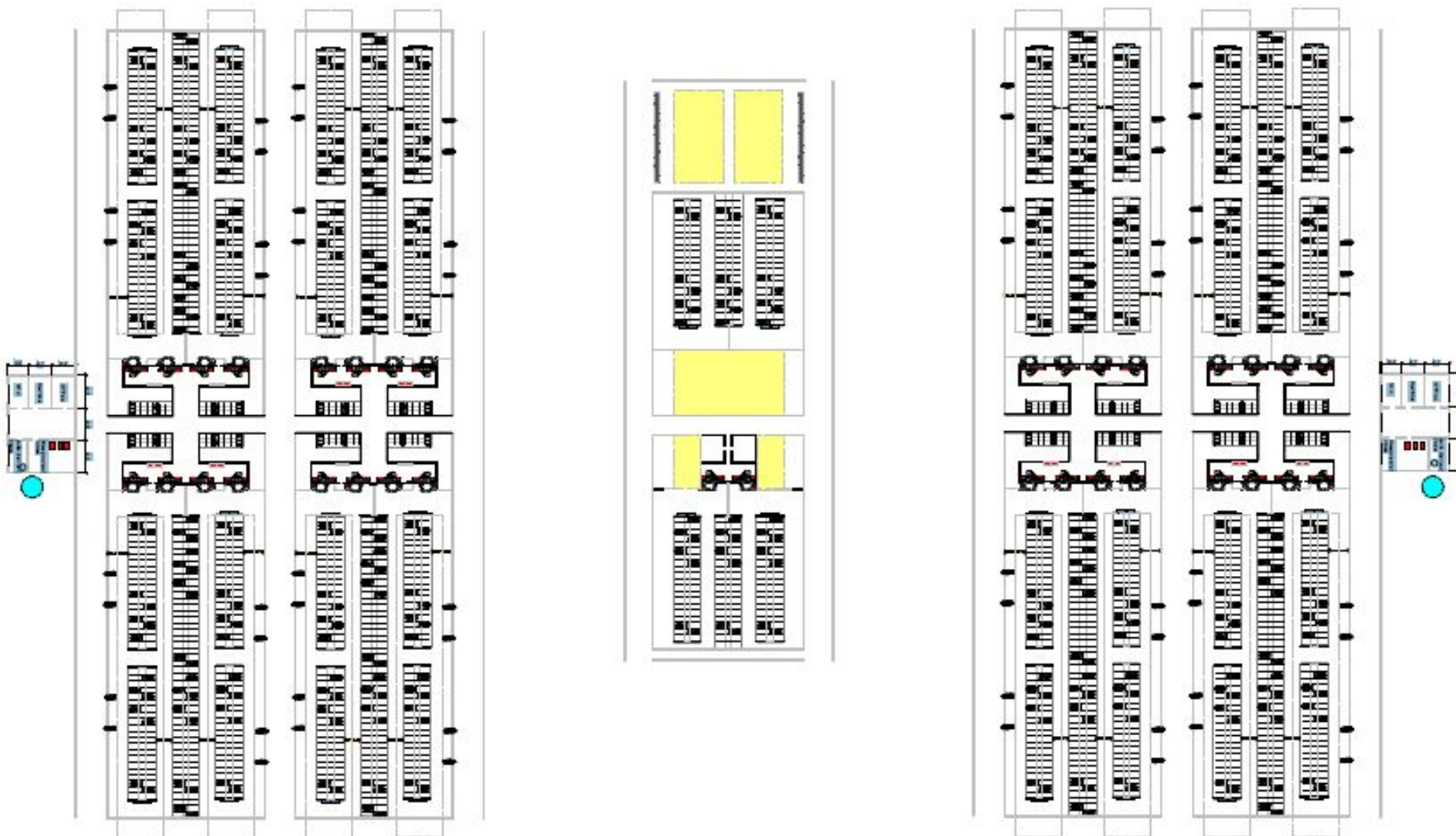
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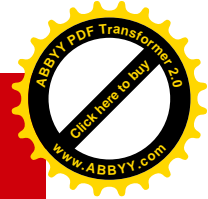
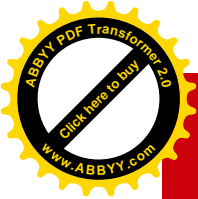




34 robots, 2120 cows

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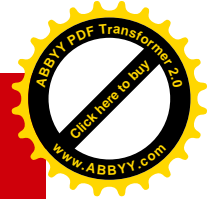
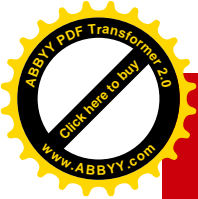




8 robot farm photo

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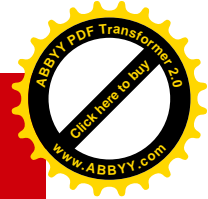
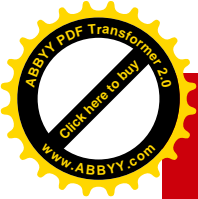




6 robot farm photo

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Lely brochure Large Dairies

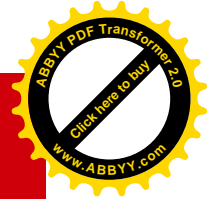
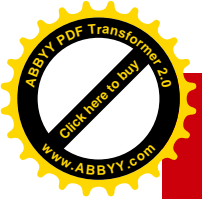
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LELY ASTRONAUT
Perfectly fit for large dairies

Managing a farm with more than eight milking robots requires a different management approach. As market leader in fully automated milking, Lely has years of practical experience and research results. This enables the company to give an accurate advice for successful large scale robotic milking.

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Robotic farm: the high way to success

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