

ROTTERDAM SCHOOL OF MANAGEMENT
ERASMUS UNIVERSITY

LUSTRUM LOGISTICA AWARD

5X LOGISTICA AWARDS
2003 – 2015

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The business school that thinks
and lives in the future



RECENT INNOVATIONS IN MH?

Many:
1. Savoye AVS/R



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RECENT INNOVATIONS IN MH?

Many:
1. Savoye AVS/R
2. Kiva



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RECENT INNOVATIONS IN MH?

Many:
1. Savoye AVS/R
2. Kiva
3. Autostore



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RECENT INNOVATIONS IN MH?

Many:
1. Savoye AVS/R
2. Kiva
3. Autostore
4. Perfect Pick



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RECENT INNOVATIONS IN MH?

Many:
1. Savoye AVS/R
2. Kiva
3. Autostore
4. Perfect Pick
5. Mixed case palletizing



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RECENT INNOVATIONS IN MH?

Many:

1. Savoye AVS/R
2. Kiva
3. Autostore
4. Perfect Pick
5. Mixed case palletizing
6. Augmented reality (Google glass)

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4. Perfect Pick
5. Mixed case palletizing
6. Augmented reality (Google glass)
7. PlugnPlay conveyors and sorters

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6. Augmented reality (Google glass)
7. PlugnPlay conveyors and sorters
8. Gridflow, Gridsort

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7. PlugnPlay conveyors and sorters
8. Gridflow, Gridsort
9. Libao sorting robots

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6. Augmented reality (Google glass)
7. PlugnPlay conveyors and sorters
8. Gridflow, Gridsort
9. Libao sorting robots
10. Warehousing 4.0

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LOGISTICA AWARD NETHERLANDS

1. Internal transport
2. Container (un)loading
3. Load stacking
4. Order picking
5. Packing
6. How to win?

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INTERNAL TRANSPORT

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Objectives:
• Efficiency

Main issues:
• Ergonomics



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TRANSPORTING FULL PALLETS WITH FORKLIFT ERGONOMICS/SAFETY SOLUTION

Junghheinrich (winner public award 2006)



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HOW TO LOAD/UNLOAD TRAILERS WITH LOOSE CARTONS?

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HOW TO LOAD/UNLOAD TRAILERS WITH LOOSE CARTONS?

PIQR (Teun BV), winner public award 2009

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TRAILERS WITH CARTONS ON SLIPSHEETS?

Meijer Special Equipment (winner award 2003)



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LOAD STACKING

MaxiMate by @ Vance: (winner public award 2012)

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LOAD STACKING

Rolcontainer and pallet loading by MLS Spider by RSW BV: (winner 2009)



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ORDER PICKING

I-Collector: storage, sequencing, retrieval (winner 2012)

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ORDER PICKING

Leenstra machine en staalbouw: orderpicker (winner 2006)



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ORDER PACKING

Neopost CVP500: (winner 2015)

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ORDER PACKING

Inther Automated Document Applicator: (winner public award 2015)



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MANY OTHER GREAT INNOVATIONS

1. RSW BV Stack Assist Tool

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MANY OTHER GREAT INNOVATIONS

1. RSW BV Stack Assist Tool
2. Crepa/Frog Roboziner



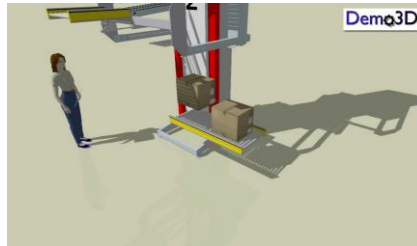
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MANY OTHER GREAT INNOVATIONS

1. RSW BV Stack Assist Tool
2. Crepa/Frog Roboziner
3. Qimarox Prorunner MK5



MANY OTHER GREAT INNOVATIONS

1. RSW BV Stack Assist Tool
2. Crepa/Frog Roboziner
3. Qimarox Prorunner MK5
4. Vanderlande: Pick@Ease



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WINNING INNOVATIONS?

Requirements?

- Solution to a real problem
- Can be simple or complex

How to make it a success?

- Small companies: team up with system integrator (Qimarox)
- Lease the solution (Teun Pickr)
- Seek international recognition (Neopost CVP500: winner MHI Innovation Award)

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WRAP-UP

- Many great innovations in MH
- Netherlands plays an important role in innovation
- Innovations can seem small but may have a great impact
- Also small companies can innovate!
- Submit your next innovation for the Logistica Award!

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