

PROGRAM SCHEDULE OF INTERACTIVE 2-DAY WORKSHOP
AUTOMATION BEST PRACTICE ROUND TABLE & FACILITY TOUR
March 22-23, 2010 - Hotel Kennedy - Kortrijk/Belgium

Monday March 22 (09.00 – 18.30) All day in meeting room of hotel

Introductions, presentations, questions, answers and discussions. We have requested the speakers to reserve 10 minutes for Q&A.

09.00-09.30 ***Eric VandenBussche, Logflow, Belgium***

Introduction on the subject by this independent consultant with a lot of experience in design and construction of automated high bay warehouses. Also the moderator of the workshop.

09.30-10.30 ***Martin Buck, SMB Germany***

Compact storage: a possible solution between mobile racking and automated storage? The Soltau Logistik case, including investment and operational costs.

Coffee break

11.00-12.00 ***Thomas Wiesmann, Beumer Maschinenfabrik GmbH & Co, Germany***

This company has installed several semi-automated order picking systems based on a sorter belt concept in cold stores. He will share some practical case studies with us.

12.00-13.00 ***Hans de Sutter, Savoye, France***

The ins and outs of the shuttle system and introduction on next day's facility visit by a specialist on mechanization and automation of logistic processes.

Lunch

14.30-15.30 ***Mr. Schleicher, SSI-Schaefer/Noell, Germany***

The added value of an advanced Warehouse Management Systems for mobile and high bay solutions. What is the maximum performance that can be achieved?

15.30-16.30 ***Hartwig Schulz, LTW Intralogistics GmbH, Austria***

Comparing rail guided stacker cranes, aisle switching and shuttle systems. Investment, performance and operational costs.

Refreshments

17.00-18.00 ***Hermann Wirth, Wirth Logistic GmbH, Germany***

Design your own advanced high bay 3PL warehouse and check the required performance with WirthSim simulation software. Learn how much energy (kWh) the system needs and what the operational cost will be.

18.00-18.30 ***End of the day discussions with whole group***

Moderated by Eric Vandenbussche, assisted by Theo van Sambeek

19.30 **Dinner**
Dinner with the whole group (during and after dinner sufficient time for talks, questions and discussions).

Tuesday March 23 (08.30 – 18.30)

08.30-09.30 ***Hermann Wirth, Wirth Logistic GmbH & Hartwig Schulz, LTW Intralogistics***
Continuation of design of advanced high bay cold stores and requirements.

09.30-10.30 ***Eric VandenBussche, Logflow***
Discussion with all experts present on the different concepts and solutions including the investment and operational costs per m2 and per pallet stored and moved.

Coffee break

11.00-11.30 ***Werner de Swaef, Partner Logistics, Belgium***
Introduction on the concept of the Partner Logistics facility in Ieper that will be visited later that day.

11.45-12.15 **Sandwich lunch** We say goodbye to the presenters

12.15-18.00 ***Facility visits exclusively for warehouse operators***
The group will visit by bus minimum 3 recently constructed facilities:
- Advanced mobile racking facility in Zeebrugge or region with 12.000 pallets
- Automated Partner Logistics operation in Ieper, dedicated to Pinguin/Lutosa and Ysco with 65.000 storage positions plus case picking
- Automated Ardo storage and (semi) automated order picking in Ardoorie
- Automated Lutosa and/or Unifrost facility
Facility visit program and sequence of visits might be subject of change.

18.00-18.30 End of the day we will have a wrap up session in the hotel moderated by Theo van Sambeek.

19.00 **Dinner**
Dinner with the group of warehouse operators

Wednesday March 24 (08.30-12.00) Exclusively for warehouse operators

Individual and customized visits to more traditional facilities in Belgium or elsewhere can be set up by the organization.

Continuation of discussions

Opportunity for one-on-one meetings with participants/speakers

Official end of workshop and departures

For additional information, please contact the GCCA European Division.

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**Automation Best Practice Round Table and Facilities Tour
for 3PL cold store operators
March 22-23, 2010 - Kortrijk/Belgium**

WHY JOIN?

The warehousing industry has faced, already for many years, a strong growth of fully and partly automated (high bay) cold stores, mainly dedicated to processors/manufacturers with large volumes and often connected to a processing plant.

However, the last couple of years we see mechanization/automation of storage/handling also coming up in 3PL (multi-client) environment and a growing number of cold store operators is wondering if this might become “the next generation” cold stores.

Many executives have the desire to better understand all ins and outs of the automation of processes, the different concepts and applications and to be able to compare the investment and operational running costs with their current single or double deep, VNA and mobile racking systems.

UNIQUE PROGRAM SET UP

The GCCA European Division is now offering this opportunity to European and International Public Refrigerated Warehouse (PRW) members and logistics entrepreneurs by organizing **a unique 2-day workshop that will focus fully on automation of dedicated and multi-client refrigerated warehouses including automatic intake, high bay storage, replenishment, semi-automated order picking and release in a -25°C environment.**

The added value will be in the combination of seeing different automation concepts (Crane and Shuttle) in daily operation and the non-commercial information of European experts and specialized suppliers (selected by us). An intensive exchange of information and data between experienced refrigerated warehouse owners/operators will be facilitated and the group of presenters will be moderated by an independent consultant with a lot of experience in automated storage systems supported by the Director of the European Division, Theo van Sambeek.

Where day ONE is mainly presentations and discussions, day TWO is mainly practical and facility visits. Participants also have the opportunity to “design” their ideal high bay cold store with the help of special software. It can be a “group design” or the design that some participants have in mind. The computer program is very user friendly and it takes approximately 1 hour to have the design ready, to do a simulation of the process flows and have the operational costs in the picture.

For the day after March 24th, we are happy to make customized arrangements/appointments/facility visits for participants

OUTCOMES

With the input and interaction during the round table meetings of operators with advanced mobile racking systems, **the goal of this workshop is to give all participants maximum insight in the basics of concepts/applications and enable them to compare the investment and operational costs of several different high rise automated applications and the conventional lift truck/mobile racking concept.**

The influence in different applications of m2 surface, labor, energy consumption, maintenance, information technology, depreciation on cost price per stored/handled pallet will be discussed as well as pro’s and con’s, the challenges, risks, the effect of volumes/scale of operation, how to deal

with peaks in throughput, the critical success factors and ... what will make the presented applications suitable for 3PL multi-client operations.

To take this discussion to a high level, all participants will be requested by the European Division Director to fill out a survey on certain operational Key Performance Indicators with regard to subjects related to this Best Practice Round Table. The results of that survey will be presented (anonymously) as input for discussions among the warehouse members of the group.

REGISTRATION

Due to the fact that the ideal group size would be between 15-20 persons, we will allow **a maximum of 20 participants on this best practice round table** and give priority to active GCCA warehouse members. Non GCCA members might be put on a waiting list until March 10th, but they will be informed of that within 24 hours after receipt of the official registration.

The program, that is **targeting exclusively executives with an operational interest and attitude and senior operational management**, cannot accept registrations of suppliers, consultants, etc.

The organization has selected a nice and modern 3-star hotel/meeting room in Kortrijk/Belgium in the area where the facility visits will take place. The hotel (www.HotelKennedy.be) is easy accessible by car from highway E 17. Kortrijk is at 58 km from Brussels Airport and the hotel can arrange a pickup service. There is a good train connection Brussels-Kortrijk as well.

We have negotiated special room rates of Euro 110 for Deluxe room and Euro 87 for a Standard room, including breakfast buffet.

Reservations have to be made directly by sending an email to info@hotelkennedy.be mentioning arrival & departure dates plus the code "GCCA" or by phone at +32 56 20 06 87.

The minimum number of registrations is 12; the maximum is 20. For fee schedule please see registration form.

For more information, please contact Theo van Sambeek, director GCCA European Division:

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REGISTRATION FORM
**AUTOMATION BEST PRACTICE ROUND TABLE & FACILITIES TOUR
 MARCH 22-23, 2010 / KORTRIJK, BELGIUM**

Delegate 1 Last name : _____ First name : _____

Warehouse company : _____

Street/PO Box : _____ Zip code : _____

City : _____ Country : _____

E-mail address : _____

Delegate 2 Last name : _____ First name : _____

<u>Registration Discount Schedule</u>		
Monday + Tuesday	1 st person	2 nd person of company
GCCA Active Warehouse Member	€ 950	€ 825
ECSLA Warehouse Member	€1150	€1025
Non GCCA/ECSLA Member	€1350	€1225

In case of questions please contact us at +31 38 454 3223 or europe@gcca.org

Event registration

I hereby register the person(s) mentioned above for this event. I understand that in case of more than 20 registrations, GCCA warehouse members will get priority (*see Information*). I also understand I will be asked to fill out a limited survey regarding certain Key Performance Indicators that will be presented (anonymously) during the meeting as input for the discussions.

I am a:

- | | | |
|---|-------------------------|---------|
| <input type="checkbox"/> GCCA Active Warehouse Member | the registration fee is | € _____ |
| <input type="checkbox"/> ECSLA Warehouse Member | the registration fee is | € _____ |
| <input type="checkbox"/> Non GCCA/ECSLA Member | the registration fee is | € _____ |

Hotel reservations

The workshop is held at Hotel Kennedy in Kortrijk, ideally situated for the facility visits and easily accessible by car from the E17. We have negotiated special room rates: Euro 110 for Deluxe room and Euro 87 for a Standard room, including breakfast buffet. Reservations have to be made directly by sending an email to info@hotelkenedy.be mentioning arrival & departure dates plus the code "GCCA".

Payment registration fee

- Yes, I'll pay by credit card and require Yes / No an invoice for the financial department.
- No, I prefer a bank transfer. Please send me an invoice by email and I will pay within 5 days.

 Card type: Visa MasterCard American Express

Credit Card Number	Expiration Date	€ _____ Amount to charge in €
Name on credit card	Authorized Signature	

Please email the form to europe@gcca.org or fax it to +31 38 454 6550