TECHNICAL TRAINING CENTRE
GENERAL INFORMATION & TRAINING PROGRAM
Your equipment pays even greater dividends when it is used to its maximum efficiency. The success of your business depends on the quality of your operators. Knowledgeable equipment operators move the maximum amount of eggs in the minimum amount of time with the highest degree of efficiency. They operate machines safely, and know how to reduce unnecessary downtime and loss. With our training courses, you elevate your operators to higher levels of proficiency and realise the full potential of your equipment.

The Moba Technical Training Centres (TTC) are unique facilities at our premises in Barneveld, the Netherlands and in Farmington Hills, Michigan USA. At our Technical Training Centres, we offer courses that have hands-on interaction with Moba’s state-of-the-art machines for egg handling and packing. If you or your employees would like to learn more about your machines, come to one of our training centres where we will provide you with the technical knowledge and know-how to maximise performance and efficiency of your Moba equipment.

Our qualified and highly skilled trainers have many years of experience in the professional technical training of both customers and our own staff from all over the world. The training courses we provide are a well-balanced mix of theory and practice. They offer you extensive opportunity for practice and learning about machine production set-up, maintenance and output performance.

‘Every course is based on a small group size so you get the best personal attention and a good amount of time to actually practice on a ‘live’ machine. We will make sure you leave our premises as a specialist on your machine.’
GENERAL TRAINING INFORMATION

Language
All courses are in English. The services of an interpreter can be arranged on request.

Training hours
Morning session 09.00 – 12.00
Lunch break
Afternoon session 13.00 – 16.00

During the break, a lunch of sandwiches and soup is served. Special diets can be catered for on request.

We recommend the following order of courses:
1. In the month prior to the installation of your machine: Omnia Operator training
2. After 6 months of running production: Omnia Service training
3. After completing the Omnia Service training: Omnia Detection systems training
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Description
This course covers all the operational and technical aspects that will enable you to run production and maintain the Farmpacker.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the Farmpacker’s functionalities according to its specifications.

This course covers the following topics
• Operating the machine
• Mechanical adjustments
• Electrical adjustments
• Electrical panels
• Basic fault finding
• Cleaning procedures

Participant profile
The participant has experience with operating the Farmpacker and has a technical education.

Minimum number of participants
3 participants

Duration
2 days

Location
The Netherlands
FARMPACKER MOPACK150

Description
This course covers all the operational and technical aspects that will enable you to run production and maintain the Farmpacker.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics, service and adjust the Farmpacker’s functionalities according to its specifications.

This course covers the following topics
• Operating the machine
• Mechanical adjustments
• Electrical adjustments
• Electrical panels
• Basic fault finding
• Cleaning procedures

Participant profile
The participant has experience with operating the Farmpacker and has a technical education.

Minimum number of participants
3 participants

Duration
2 days

Location
The Netherlands
FL LOADER

Description
This course covers all the operational and technical aspects that will enable you to run and maintain the FL Loader.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the FL Loader functionalities according to its specifications.

This course covers the following topics
• Electrical panels
• Mechanical adjustments
• Basic fault finding
• Service fault finding

Participant profile
The participant has experience in maintaining the FL Loader and has a technical education.

Minimum number of participants
2 participants

Duration
2 days

Location
The Netherlands
OMNIA OPERATOR

Separate training available for Omnia XF/FT and PX/PX700.

Description
This course covers all the operational aspects to allow you run effective and efficient production with the Omnia egg grader.

Goal
On completion of this course, you will be able to set up the machine, run production and have a basic understanding of cleaning and maintaining the Omnia egg grader.

This course covers the following topics
- Set-up and running of the Moba loader/accumulator
- Operating the Omnia grader
- Getting started with the software
- Supply and product administration
- Supply-related options
- Grades and off-grades
- Leak and dirt detection
- Crack detection
- Weigh unit calibration
- Brown and blood detection
- Blood detector calibration
- Inkjet printing on eggs
- Mechanical set-up of package denesters and lanes
- Product related options
- Cleaning procedures
- Moba factory tour

Participant profile
The participant is experienced in grading and packing of eggs and has basic computer skills.

Minimum number of participants
4 participants

Location
The Netherlands
The United States of America

Duration
5 days
OMNIA SERVICE

Separate training available for Omnia XF/FT, PX and PX700. This training is best completed as a follow-up to the Operator course.

Description
This course covers all technical matters needed to guarantee the continuation of production and optimise the performance of the Omnia egg grader.

Goal
On completion of this course, you will know how to maintain, run diagnostics on, service and adjust the Omnia egg grader according to its specifications.

This course covers the following topics
• Service & diagnosis
• Mechanical timing adjustments
• Electrical timing adjustments
• Packing lane adjustments
• Electrical diagrams
• Service fault finding
• Computer network
• Weighing system
• CAN network

Participant profile
The participant must be experienced in maintaining and operating the Omnia grader and have a technical education, preferably in electrics/electronics.

Minimum number of participants
4 participants

Duration
5 days

In the Netherlands:
Omnia FT, Omnia PX350 and Omnia PX530

In the United States of America:
Omnia PX700 and Omnia FT
EGG INSPECTOR

This training is best completed as a follow-up to the Service course.

Description
This course covers all the technical aspects related to the inspection of the outside of the egg.

Goal
On completion of this course, you will know how to maintain, run diagnostics on, service and adjust the Egg Inspector on the Omnia egg grader according to its specifications.

This course covers the following topics
• Principles of the Egg Inspector
• Mechanical timing
• Electrical timing
• Regulating the performance of the Egg Inspector
• Basic fault finding

Participant profile
The participant has experience in maintaining the detection system and has a technical education.

Minimum number of participants
3 participants

Duration
2 days

Location
The Netherlands
The United States of America
SHELL INSPECTOR

This training is best completed as a follow-up to the Service course.

Description
This course covers all technical matters related to the inspection of the egg shell.

Goal
On completion of this course, you will know how to maintain, run diagnostics on, service and adjust the Shell Inspector on the Omnia egg grader according to its specifications.

This course covers the following topics
• Principles of the Shell Inspector
• Mechanical timing
• Electrical timing
• Regulating the performance of the Shell Inspector.
• Basic fault finding

Participant profile
The participant has experience in maintaining the detection system and has a technical education.

Minimum number of participants
3 participants

Duration
2 days

Location
The Netherlands
The United States of America
BLOOD DETECTION

This training is best completed as a follow-up to the Service course.

Description
This course covers all the technical aspects related to the detection of blood inside the egg and the functioning of the brown/white detection.

Goal
On completion of this course, you will know how to maintain, run diagnostics on, service and adjust the blood detector on the Omnia egg grader according to its specifications.

This course covers the following topics
• Principles of the Blood detector
• Mechanical timing
• Electrical timing
• Regulating the performance of the Blood detector.
• Basic fault finding

Participant profile
The participant has experience in maintaining the blood detector and has a technical education.

Minimum number of participants
3 participants

Duration
1 days

Location
The Netherlands
The United States of America
OMNIA DETECTION SYSTEMS

This training is best completed as a follow-up to the Service course.

Description
This course is a combination of 3 courses:
• Egg Inspector
• Shell Inspector
• Blood Detector

Goal
On completion of this course, you will know how to maintain, run diagnostics on, service and adjust the detection systems on the Omnia egg grader according to its specifications.

This course covers the following topics
• Principles of the detection systems
• Mechanical timing
• Electrical timing
• Regulating the performance of the detection systems
• Basic fault finding

Participant profile
The participant has experience in maintaining the detection systems and has a technical education.

Minimum number of participants
3 participants

Duration
5 days, of which:
• 2 days on the Egg Inspector
• 2 days on the Shell Inspector
• 1 day on the Blood Detector

Location
The Netherlands
The United States of America
CONTI-FLOW II

This course is provided on demand. Please ask your sales representative for more information or send an email to training@moba.net or enquire via www.moba.net.

Description
This course covers all the operational and technical aspects that will enable you to run and maintain the Conti-Flow II system.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the Conti-flow II functionalities according to its specifications.

This course covers the following topics
• Electrical panels
• Mechanical adjustments
• Basic fault finding
• Service fault finding

Participant profile
The participant has experience in maintaining a Conti-flow system and has a technical education.

Minimum number of participants
2 participants

Duration
2 days

Location
The Netherlands
MR12 PACKING ROBOT

Description
This course covers all the operational and technical aspects that will enable you to run and maintain the MR12 packing robot.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the robot’s functionalities according to its specifications.

This course covers the following topics
• Operating the machine
• Electrical panels
• Mechanical adjustments
• Basic mechanical and electrical fault finding

Minimum number of participants
2 participants

Duration
2 days

Location
The Netherlands
The United States of America

Participant profile
The participant has experience in maintaining the MR12 robot and has a technical education.
MR30 PACKING ROBOT

Description
This course covers all the operational and technical aspects that will enable you to run and maintain the MR30 packing robot.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the robot’s functionalities according to its specifications.

This course covers the following topics
• Operating the machine
• Electrical panels
• Mechanical adjustments
• Basic mechanical and electrical fault finding

Participant profile
The participant has experience in maintaining the MR30 robot and has a technical education.

Minimum number of participants
2 participants

Duration
2 days

Location
The Netherlands
MR40 PALLETISING ROBOT

Description
This course covers all the operational and technical aspects that will enable you to run and maintain the MR40 palletising robot.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the robot’s functionalities according to its specifications.

This course covers the following topics
• Operating the machine
• Electrical panels
• Mechanical adjustments
• Basic mechanical and electrical fault finding

Participant profile
The participant has experience in maintaining the MR40 robot and has a technical education.

Minimum number of participants
2 participants

Duration
2 days

Location
The Netherlands
MR50 DE-PALLETISING ROBOT

Description
This course covers all the operational and technical aspects that will enable you to run and maintain the MR50 de-palletising robot.

Goal
On completion of this course, you will know how to operate, maintain, run diagnostics on, service and adjust the robot's functionalities according to its specifications.

This course covers the following topics
• Operating the machine
• Electrical panels
• Mechanical adjustments
• Basic mechanical and electrical fault finding

Participant profile
The participant has experience in maintaining the MR50 robot and has a technical education.

Minimum number of participants
2 participants

Duration
2 days

Location
The Netherlands
OMNIA ADVANCED LOGISTICS WORKSHOP

This workshop is best completed after at least 6 months of operational experience with the Omnia egg grader and as a follow-up on the Omnia operator course.

Description
This workshop provides you with in-depth insight into your production set-up and explores possible blind spots within pack station activities and machine settings.

Goal
On completion of this workshop, you will have insight in how to increase your production efficiency, minimise egg waste and understand how to optimise machine performance.

This course covers the following topics
- Machine set-up
- Counting data
- iMoba use
- Optimising off-grades
- Conti-Flow control
- Packing robot operation
- Pack station logistics

Participant profile
The participant has experience with running production with the Omnia egg grader, preferably as a supervisor or pack station manager.

Minimum number of participants
4 participants

Duration
2 days

Location
The Netherlands
TECHNICAL TRAINING CENTRE
FARMINGTON HILLS

Trainer at Farmington Hills
HOW TO APPLY FOR A COURSE

1. To find an overview of available training dates and to apply for a course, please visit our website: https://www.moba.net > service > training or send an email to training@moba.net.

2. We will send you a reservation form. On this form, please enter all details necessary for us to book your hotel, taxi and, if relevant an interpreter.

3. Return the form as soon as possible so that we can reserve the place(s) on the course and make the bookings. We need the completed reservation form at least three weeks before the start of the course in order to make all the proper arrangements.

4. You will receive confirmation of booking which includes the information you need on arrival in the Netherlands.

VISA INFORMATION

The Netherlands
If you are travelling from a non-Schengen country, a Visa from the Dutch embassy is required. It can take a week or up to 15 working days. It's important to take this into account when planning your training. Contact your local agent for more information.

United States of America
When travelling to the USA from a country that is part of the visa waiver programme, you need to apply for an ESTA authorisation. For a list of these countries, visit: http://www.esta.us/visa_waiver_countries.html

When travelling to the USA from a country which is not part of the visa waiver programme, you must apply for a US non-immigrant visa, visit: https://travel.state.gov/content/travel/en/us-visas.html
HOTEL INFORMATION

the Netherlands

Best Western Plus Hotel Haarhuis – Arnhem
We will reserve a room for you at the Best Western Plus Hotel Haarhuis. The hotel is situated right opposite the central train station in the centre of Arnhem. Breakfast is included. For more information about the hotel, visit their website: www.hotelhaarhuis.nl

Transport
We will arrange transport from the hotel to Moba and vice versa. The meeting point for your taxi to Moba is at the reception desk. You will be collected from here by Taxi Royal at 8.00 from Monday to Friday. The taxi will bring you back to Hotel Haarhuis at 16.15.

the United States of America

Sheraton Detroit Novi Hotel - Novi
We will reserve a room for you at the Sheraton Detroit Novi Hotel - Novi. Breakfast is included plus one dinner entree (value up to $25). For more information about the hotel, visit their website: www.marriott.com/hotels/travel/dtwos-sheraton-detroit-novi-hotel

Transport
If you wish, we can arrange transport for you from the airport to the hotel. You will be collected from the hotel reception at 07.45 each morning and taken to the Technical Training Centre.
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