



GEA POWERPAK TRAINING

Technical training, troubleshooting
and cleaning

Welcome to GEA

Course outline and agenda

Course title & outline

- PP-TE/01 – EN
- This 3-day training course outlines all the important theoretical and practical aspects for performing technical operations (eg., basic maintenance) on the GEA PowerPak.
- The main modules are outlined in this document.
- Please contact your local GEA representative for a quote and training dates.

Duration

3 days – The duration of a training day is usually 8 hours.

Audience

Operational and technical staff who are responsible for setting up, operating and/or maintaining the PowerPak, as well as working students or technical newcomers.

Prerequisites

The trainees shall have completed a relevant apprenticeship as a skilled worker and gained experience in food processing or a similar industry.

Requirements at your premises

If the training is conducted at your facility on your equipment, we kindly request you to provide a quiet and clean environment during the practical exercises. The equipment must be clean and stopped. The course cannot be conducted while the equipment is running production. We kindly ask you to provide a fully equipped classroom (LCD projector, flipchart, audiovisual equipment) for the classroom sessions.

Venue

Courses can be completed on-site at your premises, or off-site at one of our Global Training Centers. Please specify where you'd like the course to take place.

Class size

The recommended class size is six trainees for hands-on sessions and 10 trainees for classroom sessions.

Language

The course is taught in English. As such, a reasonable ability to read and understand spoken English is required.

Translation costs may apply if you'd like the training material in a different language. A translator can be arranged and paid for by the customer if required.

Course fee

Please contact your local GEA representative for an individual quote. The training fee covers the training costs, handouts, literature and a certificate of attendance for all attendees. Facilitation, training material development, travel, board/lodging and local transportation expenses for the trainer, if any, will be charged at cost with no surcharge.

All participants will receive soft copies of the training material. If the course takes place at a GEA Training Center, lunch and refreshments during breaks are included in the price. Unless stipulated by GEA, the fee shall be per course.

Registration

Contact your local GEA representative for registration and to obtain a quote for your training needs. Please provide the serial number of your machine at this time so the trainer can be prepared.

Cancellation policy

At least 30 days prior to the scheduled date of the course, cancellation is free of charge; a 50% fee is applied if cancellation occurs 29-15 days prior to the start date, and the full course fee will be charged if less than 15 days notice is given. We will gladly accept substitute participants without additional cost.

Accommodations

Prior to the scheduled course date, we will send a welcome letter that provides the agenda. If training is to be conducted at a GEA Training Center, information regarding the facility and a list of recommended hotels near the venue will be included.

Topic	Content	Location
Welcome and safety briefing	<ul style="list-style-type: none"> • Presentation of the training objectives • Hand-over of the training material • Introduction of the GEA Group 	Classroom
Safety	<ul style="list-style-type: none"> • Safe handling of the machine • Safety during maintenance work, hazardous energy, isolate and secure • Safety circuit, safety covers / emergency stop devices • Functional test of the safety circuit, concept and components used, troubleshooting of electrical faults, electrical diagram 	Classroom
Maintenance & Wear	<ul style="list-style-type: none"> • Maintenance basics • Maintenance checklist, presentation and handling • Identification and evaluation of potential wear points, how to replace parts and replacement intervals • Knowledge and recognition of wear limits 	Classroom
Bottom film feed	<ul style="list-style-type: none"> • Bottom film unwind, bottom film feed • Film transport chain 	Classroom
Forming station and lifting device	<ul style="list-style-type: none"> • Forming station, forming tools • Lifting devices, pneumatic or servo lifting 	Classroom
Top film feed and sealing station	<ul style="list-style-type: none"> • Top film feed, sealing station • Vacuum system / vacuum valves 	Classroom
Operator panel	<ul style="list-style-type: none"> • Maintenance options • Focus on service, maintenance via control or operator panel, networkconnection (availability subject to software version) 	Technology Center



Topic	Content	Location
Print registration	<ul style="list-style-type: none"> Printed top film, registered print Set print mark control Set up new top film 	Workshop
Cutting and punching	<ul style="list-style-type: none"> Cutting station, cross cutter, cross punch Knife change, knife adjustment 	Workshop
Longitudinal cutting system and package discharge	<ul style="list-style-type: none"> Slitter knives, longitudinal cutting system Package discharge and trim waste handling 	Workshop
Cleaning	<ul style="list-style-type: none"> GEA PowerPak cleaning 	Workshop
Review and summary	<ul style="list-style-type: none"> Check of knowledge Final discussion Feedback and evaluation Hand-over of certificates End of training and farewell 	Classroom

Subject to modification

Learn more on our website



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