

# **TRAINING CATALOGUE 2022**

## CLASSIC

## Face-to-face trainings

WHERE	on-site or at ROVEMA	
нош	by a ROVEMA expert for theory* and/or practice *please note: training documents are mandatory for the theoretical part	
TARGET GROUP	operators, technicians, electricians, machine staff, software engineers	
COURSES	<ol> <li>MUST HAVE training for beginners recommended after commissioning</li> <li>ADAVANCED training for experienced staff recommended after commissioning</li> <li>UPSKILL training for specialists e.g. training for packaging specialists</li> <li>BACK to BASICS recommended yearly to refresh the knowledge of your machine staff and ensure the productivity of your ROVEMA machine</li> </ol>	

### **Training documents**

ноw	as PDF –hard copy possible on request please note: training documents can be ordered separately or in the context of a theoretical face-to-face training or web-training
TARGET GROUP	operators, technicians, electricians, machine staff, software engineers
CONTENT	individual, on request

## DIGITAL

**E-Learning** courses are time and location-independent, so the participant has the advantage to take them on his own and within his individual learning rate using the ROVEMA learning platform.

E-Learning courses include multimedia and interactive content, which makes the learning process more efficient and supportive. Gamification, i.e. the use of typical game elements within a non-game context, generates fun during the learning process and therefore helps to achieve better learning results.

The success is measured by a knowledge check at the end of the course. At the end of a successful test, the participant receives a certificate via e-mail.

**GENERAL REQUIREMENTS** In order to be able to use the offer, the participant needs an electronic device (PC, laptop, smart phone, etc.), an internet connection and the login information for the ROVEMA learning platform.

WHERE	on the ROVEMA learning platform or on your learning platform*
TARGET GROUP	machine staff for on-boarding or refreshments
*-I-I'	

\*delivery in SCORM or HTML format



#### **ROVEMA E-LEARNING PACKAGES**

ROVEMA offers professional e-learning via individual learning packages, which can be chosen from the ROVEMA e-learning module catalogue and compiled according to the customers wishes.

Safety       1. General machine safety         Learning package 2       How to perform a proper stop         How to make a bag - part 1       1. Working principle of a VFFS machine, components of a vertical machine; Film carriage, Forming shoulder & tube, draw down belts, sealing tools, etc.         Safety       1. Working principle and sealing tools, horizontal and vertical and additional functions (cooling device, air expellers, etc.), different versions of sealing tools is         Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2       1. Working principle of an auger feeder, components of an auger feeder, infeed, level control, stirrer, hopper         How to make a bag - part 2       Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder relention system)         3. Influence of components of a ROVEMA BVC 260, working principle       2. Machine assembly groups, optional functions, set values (mech. and elect.)         4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)       4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)         4. Inspection and cleaning parts with product contact, machine components       3. Inspection of an auger feeder         5. Inspection and cleaning parts with product contact, machine components       3. Inspection of an auger feeder         6. Machine entry parts, common maintenance work on the BVC       4. Shelf life ext	Learning package 1	1	Concrel machine acteur
Learning package 2       1. Working principle of a VFFS machine, components of a vertical machine; Film carriage, Forming shoulder & tube, draw down belts, sealing tools, etc.         2. Sealing principle and sealing tools, horizontal and vertical and additional functions (cooling device, air expellers, etc.), different versions of sealing tools         3. Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2       1. Working principle of an auger feeder, components of an auger feeder, infeed, level control, stirrer, hopper         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle         2. Machine assembly groups, optional functions, set values (mech. and elect.)       3. Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters         3. Influence of bag style (pillow-gusseting bag)       4. Daily routines         2. Machine cleaning parts with product contact, machine components       3. Inspection on dachine and parts, cutting knife, sealing tools, format change, reale change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning parts with product gassing, general information about gassing and gases </th <th>Sofoty</th> <th>1. 2.</th> <th></th>	Sofoty	1. 2.	
How to make a bag part 1       Film carriage, Forming shoulder & tube, draw down belts, sealing tools, etc.         2. Sealing principle and sealing tools, horizontal and vertical and additional functions (cooling device, air expellers, etc.), different versions of sealing tools         3. Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2       1. Working principle of an auger feeder, components of an auger feeder, auger change, closure systems, variants of screws (powder retention system)         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle 2. Machine assembly groups, optional functions, set values (mech, and elect.)         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle 2. Machine assembly groups, optional functions, set values (mech, and elect.)         Structure and functions of a BVC-machine - part 1       3. Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters         4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)       1. Daily routines         5. Machine cleaning parts with product contact, machine components       3. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder       1. Machine count of a an auger feeder         5. Machine cleaning parts with product contact, machine components       3. Inspection of	Salely		
How to make a bag - part 1       etc.       2.       Sealing principle and sealing tools, horizontal and vertical and additional functions (cooling device, air expellers, etc.), different versions of sealing tools         2.       Sealing principle and sealing tools, horizontal and vertical and additional functions (cooling device, air expellers, etc.), different versions of sealing         3.       Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2       1.       Working principle of an auger feeder, components of an auger feeder, infeed, level control, stirrer, hopper         How to make a bag - part 2       2.       Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3.       Influence of components of a ROVEMA BVC 260, working principle         Learning package 3       1.       Machine assembly groups, optional functions, set values (mech. and elect.)         3.       Machine is easing parts with product contact, machine components         4.       Format change, reel change, film path, change of bag style (pillow- gusseting bag)         Learning package 3       1.       Daily routines         3.       Machine cleaning parts with product contact, machine components         3.       Inspection and cleaning of an auger feeder         5.       Machine nance work at the BVC, lubrication of all mov	Learning package 2	1.	
part 1       2. Sealing principle and sealing tools, horizontal and vertical and additional functions (cooling device, air expellers, etc.), different versions of sealing tools         3. Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2       1. Working principle of an auger feeder, components of an auger feeder, infeed, level control, stirrer, hopper         How to make a bag part 2       2. Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3. Influence of components of a ROVEMA BVC 260, working principle       2. Machine components of a ROVEMA BVC 260, working principle         2. Machine components of a ROVEMA BVC 260, working principle       2. Machine components of a ROVEMA BVC 260, working principle         3. Machine components of a ROVEMA BVC 260, working principle       2. Machine assembly groups, optional functions, set values (mech. and elect.)         3. Machine change, reel change, film path, change of bag style (pillow-gusseting bag)       3. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning parts with product contact, machine components       3. Inspection and cleaning of an auger feeder         5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC       Learning package 4         7. Shelf life extension through produ			
functions (cooling device, air expellers, etc.), different versions of sealing tools         a. Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2         How to make a bag - part 2         Desing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3. Influence of components of a ROVEMA BVC 260, working principle         Learning package 3         Structure and functions of a BVC-machine components of a ROVEMA BVC 260, working principle         Machine components of a ROVEMA BVC 260, working principle         Machine assembly groups, optional functions, set values (mech. and elect.)         Structure and functions of a BVC-machine and settings on the dosing accuracy, weighing at tendency control         Learning package 3         Structure and functions of a BVC-machine and parts, cutting knife, sealing tools, format change, change, film path, change of bag style (pillow-gusseting bag)         Learning package 3         Structure and functions of a BVC-machine and parts, cutting knife, sealing tools, format change, change, obg style (pillow-gusseting bag) deflection rollers, bearings         Learning package 4         Product protection         Structure and functions of a BVC-machine and parts, cutting knife, sealing tools, format change, change, change, change, functions of all moving parts, maintenance intervals, commo maintenance work on th		2.	
3. Additional equipment for various bag styles, i.e. gusseting device, format set types, tape detection, print registration, tracking, coding, labelling         Learning package 2 <ul> <li>Working principle of an auger feeder, components of an auger feeder, infeed, level control, stirrer, hopper</li> <li>Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)</li> <li>Influence of components and settings on the dosing accuracy, weighing &amp; tendency control</li> </ul> <li>Learning package 3</li> <li>Machine components of a ROVEMA BVC 260, working principle</li> <li>Machine assembly groups, optional functions, set values (mech. and elect.)</li> <li>Machine HIN Rockwell menu structure, settings, recipe management, and impact of key parameters</li> <li>Format change, reel change, film path, change of bag style (pillow-gusseting bag)</li> <li>Learning package 3         <ul> <li>Daily routines</li> <li>Machine cleaning parts with product contact, machine components</li> <li>Inspection of machine and parts, cutting knife, sealing tools, format change, of ange of bag style (pillow-gusseting bag) deflection rollers, bearings</li> <li>Inspection of all ceaning of an auger feeder</li> <li>Maintenance work at the BVC, lubrication of all moving parts, maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC</li> </ul> </li> <li>Learning package 5</li> <li>Troubleshooting VFFS</li> <li>Quality inspection of the bag</li> <li>Errors in packs of bags and their cause, bag winkling, cutting issues, leakages, gusset misalignment, package misalignments, ackage misalignments, ackage misalignments, ackage misalignmen</li>			functions (cooling device, air expellers, etc.), different versions of sealing
set types, tape detection, print registration, tracking, coding, labelling         Learning package 2         How to make a bag - part 2         2       Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3       Influence of components and settings on the dosing accuracy, weighing & tendency control         Learning package 3       1. Machine components of a ROVEMA BVC 260, working principle         Structure and functions of a BVC-machine - part 1       3. Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters         4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)       4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3       1. Daily routines         Structure and functions of a BVC-machine - part 2       1. Daily routines         3       Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder       5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, commo maintenance work on the BVC         Learning package 4       1. Shelf life extension through product gassing, general information about gassing and gases         Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system		З	
How to make a bag-part 2       infeed, level control, stirrer, hopper         How to make a bag-part 2       Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3.       Influence of components and settings on the dosing accuracy, weighing & tendency control         Learning package 3       1.       Machine components of a ROVEMA BVC 260, working principle         Structure and functions of a BVC-machine - part 1       1.       Machine components of a ROVEMA BVC 260, working principle         2.       Machine assembly groups, optional functions, set values (mech. and elect.)       3.         3.       Machine assembly groups, optional functions, set values (mech. and elect.)         3.       Machine HII Rockwell menu structure, settings, recipe management, and impact of key parameters         4.       Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3       1.       Daily routines         3.       Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4.       Inspection and cleaning of an auger feeder         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance work at the BVC.         Learning package 4       1.         Product protection       2.		0.	
How to make a bag part 2       infeed, level control, stirrer, hopper         How to make a bag part 2       Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3.       Influence of components and settings on the dosing accuracy, weighing & tendency control         Learning package 3       1.       Machine components of a ROVEMA BVC 260, working principle         Structure and functions of a BVC-machine - part 1       1.       Machine components of a ROVEMA BVC 260, working principle         2.       Machine assembly groups, optional functions, set values (mech. and elect.)       and elect.)         3.       Machine HII Rockwell menu structure, settings, recipe management, and impact of key parameters       4.         4.       Format change, reel change, film path, change of bag style (pillow-gusseting bag)       5.         Learning package 3       1.       Daily routines       2.         3.       Inspection of machine and parts, cutting kinfe, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings       4.         4.       Inspection and cleaning of an auger feeder       5.         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1.       Shelf life extension throug			
How to make a bag part 2       2. Dosing screw, additional equipment for an auger feeder, auger change, closure systems, variants of screws (powder retention system)         3. Influence of components and settings on the dosing accuracy, weighing & tendency control         Learning package 3         Structure and functions of a BVC-machine - part 1         3. Machine components of a ROVEMA BVC 260, working principle         2. Machine assembly groups, optional functions, set values (mech. and elect.)         3. Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters         4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3         Structure and functions of a BVC-machine - part 2         1. Daily routines         2. Machine cleaning parts with product contact, machine components         3. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder         5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4         Product protection         2. Gassing system principle, powder filling and gassing, inline analyzing system         Product protection         2. Malfunctions of the bag         1. Weight control and correction wit	Learning package 2	1.	
3.       Influence of components and settings on the dosing accuracy, weighing & tendency control         Learning package 3       1.       Machine components of a ROVEMA BVC 260, working principle         Structure and functions of a BVC-machine - part 1       1.       Machine assembly groups, optional functions, set values (mech. and elect.)         3.       Influence of key parameters       3.       Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters         4.       Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3       1.       Daily routines         Structure and functions of a BVC-machine - part 2       1.       Daily routines         1.       Machine cleaning parts with product contact, machine components         3.       Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4.       Inspection and cleaning of an auger feeder         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1.       Shelf life extension through product gassing, general information about gassing and gases         Product protection       2.       Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. </th <th>How to make a bag -</th> <th>2.</th> <th>Dosing screw, additional equipment for an auger feeder, auger change,</th>	How to make a bag -	2.	Dosing screw, additional equipment for an auger feeder, auger change,
& tendency control         Learning package 3         Structure and functions of a BVC-machine - part 1         1       Machine components of a ROVEMA BVC 260, working principle         2.       Machine assembly groups, optional functions, set values (mech. and elect.)         3.       Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters         4.       Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3       1.       Daily routines         2.       Machine cleaning parts with product contact, machine components         3.       Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4.       Inspection and cleaning of an auger feeder         5.       Maintenance intervals, common maintenance work on the BVC         Learning package 4       1.         Product protection       2.         Veight control and correction with a check weigher, tendency control principle and settings         2.       Quality inspection of the bag         VFS       1.         Elearning package 5       1.         Troubleshooting VFS       2.         Quality inspection of the bag       2.         Uearning package 6       1.	part 2	2	
Structure and functions of a BVC- machine - part 1       2. Machine assembly groups, optional functions, set values (mech. and elect.)         3. Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters       4.         4. Format change, reel change, film path, change of bag style (pillow- gusseting bag)       5.         Learning package 3       1.       Daily routines         2.       Machine eleaning parts with product contact, machine components         Structure and functions of a BVC- machine - part 2       1.       Daily routines         2.       Machine cleaning parts with product contact, machine components         3.       Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4.       Inspection and cleaning of an auger feeder         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1.         Product protection       2.         Useight control and correction with a check weigher, tendency control principle and settings         2.       Quality inspection of the bag         VFFS       1.         Learning package 6       1.         Bag quality       2.		5.	
Structure and functions of a BVC- machine - part 1       2. Machine assembly groups, optional functions, set values (mech. and elect.)         3. Machine HMI Rockwell menu structure, settings, recipe management, and impact of key parameters       4.         4. Format change, reel change, film path, change of bag style (pillow- gusseting bag)       5.         Learning package 3       1.       Daily routines         3.       Machine cleaning parts with product contact, machine components         3.       Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4.       Inspection and cleaning of an auger feeder         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1.         Product protection       1.         VFFS       1.         Learning package 6       1.         Weight control and correction with a check weigher, tendency control principle and settings         2.       Quality inspection of the bag         VFFS       1.         Learning package 6       1.         Bag quality       2.			
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machine - part 1       and impact of key parameters         4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3       1. Daily routines         Structure and functions of a BVC-machine - part 2       1. Daily routines of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder       5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1. Shelf life extension through product gassing, general information about gassing and gases         Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. Weight control and correction with a check weigher, tendency control principle and settings         Quality inspection of the bag       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure			elect.)
4. Format change, reel change, film path, change of bag style (pillow-gusseting bag)         Learning package 3         Structure and functions of a BVC-machine - part 2         A. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder         5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4         Product protection         2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5         Troubleshooting VFFS         2. Quality inspection of the bag         1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure		3.	
gusseting bag)         Learning package 3         Structure and functions of a BVC- machine - part 2         A log in the image is a structure and functions of a BVC- machine - part 2         A log in the image is a structure and functions of a BVC- machine - part 2         A log in the image is a structure and functions of a BVC- machine - part 2         A log in the image is a structure and function is a structure and function is a structure and function is a structure and function is a structure intervals.         A log is a structure intervals, common maintenance work on the BVC.         A log is a structure intervals, common maintenance work on the BVC         A log is a structure intervals, common maintenance work on the BVC         A log is a structure intervals, common maintenance work on the BVC         A log is a structure intervals, common maintenance work on the BVC         A log is a structure intervals, common maintenance work on the BVC         A log is a structure intervals, common maintenance work on the BVC         Bag quality       1. Shelf life extension through product gassing, general information about gassing and gases         Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. Weight control and correction with a check weigher, tendency control principle and settings         Quality inspection of the bag       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset	machine - part i	4.	
Structure and functions of a BVC-machine - part 2       2. Machine cleaning parts with product contact, machine components         3. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder         5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1. Shelf life extension through product gassing, general information about gassing and gases         Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. Weight control and correction with a check weigher, tendency control principle and settings         2. Quality inspection of the bag       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure			
Structure and functions of a BVC-machine - part 2       2. Machine cleaning parts with product contact, machine components         3. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder         5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1. Shelf life extension through product gassing, general information about gassing and gases         Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. Weight control and correction with a check weigher, tendency control principle and settings         2. Quality inspection of the bag       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure	Loarning package 3	1	Daily routings
Structure and functions of a BVC- machine - part 2       3. Inspection of machine and parts, cutting knife, sealing tools, format change, change of bag style (pillow-gusseting bag) deflection rollers, bearings         4. Inspection and cleaning of an auger feeder       5. Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1. Shelf life extension through product gassing, general information about gassing and gases         Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. Weight control and correction with a check weigher, tendency control principle and settings         VFFS       2. Quality inspection of the bag         Learning package 6       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure	Learning package 5		
machine - part 2       bearings         4.       Inspection and cleaning of an auger feeder         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1.         Product protection       2.         Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1.         Troubleshooting VFFS       2.         Quality inspection of the bag         Learning package 6       1.         Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2.		3.	Inspection of machine and parts, cutting knife, sealing tools, format
4.       Inspection and cleaning of an auger feeder         5.       Maintenance work at the BVC, lubrication of all moving parts, maintenance intervals, common maintenance work on the BVC         Learning package 4       1.       Shelf life extension through product gassing, general information about gassing and gases         Product protection       2.       Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1.       Weight control and correction with a check weigher, tendency control principle and settings         Z.       Quality inspection of the bag       1.         Learning package 6       1.       Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Learning package 6       1.       Errors in packs of bags and their cause, long wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2.       Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure			
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Product protection       gassing and gases         2.       Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1.         Troubleshooting VFFS       1.         Veight control and correction with a check weigher, tendency control principle and settings         2.       Quality inspection of the bag         Learning package 6       1.         Bag quality       1.         Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         2.       Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure			maintenance intervais, common maintenance work on the BVC
Product protection       2. Gassing system principle, powder filling and gassing, inline analyzing system         Learning package 5       1. Weight control and correction with a check weigher, tendency control principle and settings         Troubleshooting VFFS       2. Quality inspection of the bag         Learning package 6       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure	Learning package 4	1.	
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Instant Stress       2. Quality inspection of the bag         VFFS       2. Quality inspection of the bag         Learning package 6       1. Errors in packs of bags and their cause, bag wrinkling, cutting issues, leakages, gusset misalignment, package misalignments         Bag quality       2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure	Learning package 5	1.	
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<ul> <li>Bag quality</li> <li>Bag quality</li> <li>2. Malfunctions of the BVC and possible causes (only few examples), how to find the cause, structured troubleshooting procedure</li> </ul>	Learning package 6	1.	Errors in packs of bags and their cause, bag wrinkling, cutting issues.
to find the cause, structured troubleshooting procedure			leakages, gusset misalignment, package misalignments
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## Live-Web-Trainings & Seminars

Live-Web-Trainings and Seminars work like video conferences and impart special knowledge on key topics such as packaging materials, general form-, fill and seal technology, maintenance and auger dosing.

**GENERAL REQUIREMENTS** In order to be able to use the offer, the participant needs an electronic device with headset or microphone (PC, laptop, smart phone, etc.), an internet connection and the link to join the web-seminar, which will be sent by ROVEMA.

#### **Live Web Seminars**

WHERE	via Zoom or Teams
HOW	training with a ROVEMA expert for theory
TARGET GROUP	for mixed customer groups
CONTENT, SCHEDULE & PRICES	on our <u>web page</u> under "overview of LIVE-WEB-Seminars"
TRAINING DOCUMENTS	standard in German or English

#### Live Web Trainings

WHERE	via Zoom or Teams
HOW	training with a ROVEMA expert for theory
TARGET GROUP	for individual customers
CONTENT, SCHEDULE & PRICES	individual, on request
TRAINING DOCUMENTS	individual, on request *please note: training documents are mandatory for web trainings



### **Training videos**

HOW	as MP4 – step-by-step-video tutorials
TARGET GROUP	machine staff
CONTENT	tailor-made to your needs, see example below

**How-To-videos** illustrate single work steps – recommended for specific maintenance procedures:

🛓 01_How_To_Adjust_Scanner_Position.mp4
📤 02_How_To_Adjust_Camera_Position.mp4
📥 03_How_To_Adjust_Photocell_Position.mp4
📤 04_How_To_Change_and Clean_Sealing_Belt.mp4
📤 05_How_To_Change_Draw_Down_Belt.mp4
📤 05_How_To-Change_Draw_Down_Belt_V02.mp4
📤 06_How_To_Change_Cutting_Knife.mp4
📥 07_How_To_Clean_Knife_and_Cross_Sealing_Tools.mp4
📤 08_How_To_Install_Draw_Down_Belts.mp4
📤 09_How_To_Install_Format_Set.mp4
📥 10_ How_To_Install_Vertical_Sealing_Jaws (Double).mp4

#### Other videos possible on request.

**Training-Video-programs** illustrate special procedures like a machine specific format change as a whole:

Format change BVC Flex - machine // Pillow bag → RoPack

🛓 01_Change_Film_Rol.mp4
📤 02_ Remove_Format_Parts_ FilmCarriage.mp4
🛓 03_Adjust_Sealing_Jaws_Film_Carrige.mp4
🛓 04_Adjust_Printer_Position.mp4
📤 05_Remove_Format_Set.mp4
🛓 06_Remove_Vertical_Sealing_Belt.mp4
🛓 07_Install_Vertical_Sealing_Jaws.mp4
🛓 08_Change_Cross_sealing_Tools.mp4
📤 09_Install_Gusseting_Sword.mp4
📤 10_ Remove_Draw_Down_Belt(Small).mp4
📥 11_Install_Draw_Down_Belt(Wide).mp4
🛓 12_Move_Cross_Seal_Housing_90°_To_The_Side.mp4
📥 13_ Install_Format_Set.mp4
🛓 14_ Insert_Pacckaging_material_in_Format_Set.mp4
📥 15_Change_Bag_Shaft.mp4
🛓 16_Adjust_Film_Angle_Shoulder (Rocker Roller).mp4
🛓 17_Adjust_Position_Photo_Cell.mp4
🛓 18_Adjust_Position_Camera.mp4
🛓 19_Adjust_Position_Scanner.mp4

Other videos possible on request.



## Blended Learning

Blended learning means hybrid training courses where digital learning and classic face-to-face training are combined. All ROVEMA training products can be booked as single items or individually combined as part of a comprehensive training program.

A Blended Learning Program for operating personnel in six steps – from beginner to expert – could look like that:

- 1. E-learning induction courses
- 2. LIVE-WEB-Training on theoretical basics
- 3. Face-to-face training
- 4. Training videos on machine-specific format change
- 5. Training documents for operation & maintenance
- 6. Knowledge check & certificate on the ROVEMA Learning Platform

Your blended training program can be compiled on demand, target group-oriented and specifically tailored to your learning goals!

### **Contact us anytime**

training@rovema.de

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