**Pedagogical Means**

- Training is conducted by a skilled trainer.
- Theoretical courses are held in meeting rooms, while practical works are conducted in the workshop on a machine.
- For practical works:
  - In case of in-house training at the client’s premises, a machine must be made available.
  - In case of training at REP international’s premises, a large choice of machinery is available in the workshop.
- Each participant will be given a training document.
- Our training courses may be held in the language of your choice, with the help of an interpreter if need be.

**Information and Inscription**

- Requests (full programme, prices, dates, etc.) are to be made to REP international, using contact information on this page.
- Lodging and travelling expenses shall be borne by the trainee.

**Modularity of courses**

- The training programme is adapted to satisfy the greatest number of trainees.
- Tailor-made courses can be prepared by customizing the standard training modules (exploring certain topics in greater detail or on the contrary leaving out already-known topics).
- Training courses can be taught either at REP international’s or directly on site at the customer’s premises.

Full programme, price, information and inscription, please contact us!

**REP international**
15 rue du Dauphiné
69964 CORBAS - FRANCE

📞 +33 (0) 4 72 21 53 53
Fax: +33 (0) 4 72 51 22 35
formations@repinjection.com
### TRAINING CATALOGUE

**REP offers all year long TRAINING COURSES For:** Operators, Machine-set-up Engineers, Maintenance Technicians, Mold Designers, Mold Design Draughtsmen, Methods Managers

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>GOAL</th>
<th>LEARNING CONTENT</th>
<th>DAYS OF TRAINING</th>
<th>NUMBER OF TRAINEES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LEARNING HOW TO RUN AN INJECTION PRESS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| S1 | G9 / G10 Range | • To give an overall picture of the machine’s possibilities  
• To allow the trainee to familiarize himself with the controls and the programming of the machine, taking advantage of the concrete and practical aspects of the course  
• To study in details with the trainee his own particular cases of production and application. | • Overview of injection  
• Functional and technical presentation of the injection press  
• Human-Machine Interface  
• Starting a production  
• Introduction to the safety devices  
• Adjustment, production start and production stop (practical works)  
• Use of optional equipment  
• Fault interpretation | 2 days | 3 at least 6 to the maximum |
| S2 | G7 / G8 Range | • To acquire sufficient knowledge of the machine to be able to repair it quickly and to perform the preventive maintenance works required for an optimal operation  
• Detailed study of the machine,  
• Using diagnostic aids (wiring diagram, monitoring screen, etc.) | • Introduction to the injection press and its use  
• Hydraulics, electrics, mechanical settings, process-control  
• PC (hardware and software), documentation  
• Troubleshooting (practical works) | 3 days | 4 at least 6 to the maximum |
| S3 | RT9 | • To study in details with the trainee his own particular cases of production and application. | | |
| **LEARNING HOW TO MAINTAIN AN INJECTION PRESS** | | | | |
| S4 | G9 / G10 Range | • To acquire sufficient knowledge of the machine to be able to repair it quickly and to perform the preventive maintenance works required for an optimal operation  
• Detailed study of the machine,  
• Using diagnostic aids (wiring diagram, monitoring screen, etc.) | • Introduction to the injection press and its use  
• Hydraulics, electrics, mechanical settings, process-control  
• PC (hardware and software), documentation  
• Troubleshooting (practical works) | 3 days | 4 at least 6 to the maximum |
| S5 | G8 / G7 Range | • To study in details with the trainee his own particular cases of production and application. | • Introduction to the injection press and its use  
• Hydraulics, electrics, mechanical, process-control  
• Adjustment, fault-finding, software installation | 1 day | 4 at least 8 to the maximum |
| **LEARNING HOW TO MAINTAIN AN INJECTION PRESS - UPGRADING** | | | | |
| S6 | Upgrading from G9 → G10 range  
or G8 → G9 range | To allow an skilled technician with experience in presses of generation N-1 to acquire sufficient knowledge of injection presses of generation N so as to be able to repair them quickly | • Hydraulics, electrics, mechanical, process-control  
• Adjustment, fault-finding, software installation | 1 day | 4 at least 8 to the maximum |
| **LEARNING HOW TO USE PRODUCTION MANAGEMENT TOOLS** | | | | |
| S7 | RepNet-Win® | To use the RepNet-Win® supervision program in connection with the REP presses for a better control of production | • Introduction to RepNet-Win® and the statistical process control (SPC)  
• Production management and practical applications | 2 days | 8 to the maximum |
| **PROCESS** | | | | |
| A1 | Choosing a moulding technique | To give beginners in the field of rubber injection moulding an overall view of the rubber injection technologies, their advantages and limits | • Basics in injection moulding  
• Introduction to the moulding injection technologies (advantages and limits)  
• Cold Runner Block (CRB)  
• Tips for choosing | 2 days | 4 at least 10 to the maximum |
| A2 | Process and mould design | To design a mould | • Approach of mould and process thermal design  
• Runners, vacuum and CRB  
• Additional elements: stripping kits, mechanization, etc. | 2.5 days | 4 at least 10 to the maximum |
| A3 | Adjustment of the moulding parameters | To know how to start a new production and to set a mould and to optimise the process | • Setting the injection process (theory and practical applications)  
• Specific cycles, curing and correcting the moulding faults | 2.5 days | 4 at least 10 to the maximum |