



FONDAREX®

PROGRAM – FX TECHNOLOGY TRAINING SWITZERLAND, ST-LÉGIER

WEDNESDAY, 7.10.2026

- 09:00 Welcome to Fondarex
Mold evacuation with FX VAC
Fondarex vacuum technology: principle / vacuum systems / applications
Company visit
Vacuum die casting, simulation, getting ready for the use of vacuum
Lunch
Workshops: Vacuum systems; operation and maintenance /
Vacuum valves / vacuum vents
18:30 Dinner

THURSDAY, 8.10.2026

- 09:00 Workshop: Vacuum application studies; workout, calculation, philosophy,
gating system, vacuum channel
Various practical exercises / open points / discussions
Local cooling of hot spots with FX JET
Jet Cooling: process, effects
Lunch
Nozzle geometry, process parameters, effects on cooling performance
Design and shape of cooling channels
Jet cooling in die casting process simulation / design and possibilities of the FX JET
18:30 Dinner

FRIDAY, 9.10.2026

- 09:00 Decentralised feeding with FX SQUEEZE
Volume shrinkage of the melt during solidification
Mechanism of feeding / squeeze
Squeezing in die casting process simulation
Potentials and risks
Design and possibilities of the FX SQUEEZE
Operation, settings
Application study, design of the squeeze areas
12:00 Lunch