



FONDAREX®

PROGRAM - FX TECHNOLOGY TRAINING SWEDEN, VÄRNAMO

THURSDAY, 11.6.2026

- 09:00 Welcome
Mold evacuation with FX VAC
Fondarex vacuum technology: principle / vacuum systems / applications
Vacuum die casting, simulation, getting ready for the use of vacuum
Lunch
Workshops: Vacuum systems; operation and maintenance /
Vacuum valves / vacuum vents
Workshop: Vacuum application studies; workout, calculation, philosophy,
gating system, vacuum channel
Various practical exercises / open points / discussions
18:30 Dinner

FRIDAY, 12.6.2026

- 09:00 Local cooling of hot spots with FX JET
Jet Cooling: process, effects
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
Lunch
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
18:30 Dinner