



FONDAREX®

PROGRAM – FX TECHNOLOGY TRAINING KOREA, BUSAN

THURSDAY, 14.5.2026

- | | | |
|-------------------|---|--|
| FX
VAC | 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, 15.5.2026

- | | | |
|-----------------------|--|--|
| FX
JET | 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 |
| FX
SQUEEZE | | 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 | |