



FONDAREX®

PROGRAM – FX TECHNOLOGY TRAINING SPAIN, BILBAO

WEDNESDAY, 25.11.2026

08:30	Welcome
	Mold evacuation with FX VAC
	Fondarex vacuum technology: principle / vacuum systems / applications
	Vacuum die casting, simulation, getting ready for the use of vacuum
	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
	Lunch
	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
	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