



FONDAREX®

PROGRAM - FX TECHNOLOGY TRAINING ITALY, BRESCIA

MONDAY, 18.5.2026

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	

TUESDAY, 19.5.2026

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
FX SQUEEZE		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	