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Smartfeeder Mechanical

Course Information

Course Title:	**Smartfeeder – Mechanical Training**
Duration & Location:	**3 Days, 27-29 April 2027** at BEG Training Center in **Sundsvall, Sweden**
Target Audience:	Entry level course to the Glass Industry
Course prerequisites:	No prerequisites required
Instructor:	Mechanical Trainer
Delivery Mode & Language:	In Person in English

Course Objectives

- Safety / SOP
- 570 Multi-Drive servo Feeder / 575 dual Drive servo Shear Mechanism Technical Principles
- Gob Radar / SMARTFEEDER Technical Principles (Theory only)

Assessment Methods

- Quizzes, Assignments, Practical Participation
- Final Group Task

Resources Required

- Personal Protective Equipment
- eLearning platform access (pre-learning)
- Simulation Software (if applicable)

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Course Schedule (Daily Outline from 8:00 am to 4:30 pm)

Training Days	Topics	Activities	Expected Outcomes
Day 1	• Introduction to the Mechanical and operational facilities of the 570 Multi-Drive servo Feeder / 575 dual Drive servo Shear Mechanism • Utilizing the Gob Tilt Control feature of the 575 dual drive shears in conjunction with the UC 2 Operational software.	• Hands-on operation of the 570 multi-drive feeder, including the Needle replacement SOP and UC 2 operation • Hands-on operation of the 575 dual-drive Shear Mechanism • Hands-on gob tilt control set-up and operation.	• Mechanical Systems Proficiency
Day 2	• Introduction to the Gob Radar system and operation. • Navigation of the Gob Radar screens and actions. • Activation and calibration of the cameras and software.	• Theoretical presentation / Simulator software • GOB radar camera hardware configuration, including camera focus, brightness, lens adjustments, and routine maintenance.	• Gob Radar and Tilt control Mastery (Theory)
Day 3	• Introduction to Smart Feeder Parameters and Gob Forming Basics. • Combined operation of all mechanisms	• Hands-on operation of the full smart feeder system including calibration, weight length control, and weight split and length split.	• Smart Feeder Integration and Calibration