

TRAINING

RECIPROCATING SCREW MACHINE LINE TRAINING

2025



 **UNILOY®**



2025

TRAINING

RECIPROCATING SCREW
MACHINE LINE TRAINING



UNILOY®

STANDARD COURSE OUTLINE

877-UNILOY1

SAFETY & SYSTEMS

BASIC PRINCIPLES OF BLOW MOLDING

PARTS AND COMPONENTS

SUB SYSTEMS OF MACHINE

- **SCREW AND BARREL**
- **EXTRUDER ASSEMBLY**
- **DIE HARD MANIFOLD AND ASSEMBLY**
- **CLAMP AND CYLINDER**

MACHINE START UP PROCEDURES

WATER SYSTEM

AIR SYSTEM

HYDRAULIC SYSTEM

PARISON PROGRAMMING SYSTEM

ELECTRICAL SYSTEM

ELECTRICAL CONTROL

SEQUENCE OF OPERATION

ASSOCIATED SAFETY SYSTEMS

BASIC TROUBLESHOOTING TECHNIQUES

TROUBLESHOOTING BOTTLE QUALITY PROBLEMS

TROUBLESHOOTING AUXILIARY EQUIPMENT

ROUTINE MAINTENANCE

MACHINE SET-UP PROCEDURES

SWING ARM ADJUSTMENTS

CHANGING MOLDS

CONTACT KEVIN.BURCH@UNILOY.COM FOR MORE INFORMATION AND TO SCHEDULE YOUR TRAINING



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MAJOR TOPIC:

- REMOVE MOLDS & PLATENS
- CHECK PINS AND BUSHINGS
- CHECK ROTAC

EMPHASIS ON:

- DISASSEMBLY
- INSPECTION AND MEASURING
- PART INSTALLATION TECHNIQUES
- PLATEN GRINDING CONSIDERATIONS
- SAFETY

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MAJOR TOPIC:

- DISASSEMBLE HEAD
- CLEAN HEAD
- REMOVE EXTRUDER SCREW

EMPHASIS ON:

- HEAD CLEANING TECHNIQUES
- INSPECTION AND MEASURING
- SCREW REMOVAL
- CLEANING
- SAFETY

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MAJOR TOPIC:

- **INSTALL SCREW**
- **INSTALL PLATEN, PINS & BUSHINGS**
- **INSTALL ROTAC**
- **ASSEMBLE HEAD**
- **INSTALL HEAD**

EMPHASIS ON:

- **PROPER SCREW HANDLING**
- **CHECKING ROTAC OPERATION**
- **HEAD INSTALLATION TECHNIQUES**
- **MANIFOLD HANDLING AND INSTALL**
- **SAFETY**

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MAJOR TOPIC:

- SET THE BARS
- INSTALL MOLDS & BLOW PINS
- SET SWINGING ARMS
- LINE OUT MACHINE
- START MACHINE & OPERATE
- CHECK BOTTLE WEIGHT & TRIMMING

EMPHASIS ON:

- TIE BAR ADJUSTMENT
- MOLD INSTALLATION TECHNIQUES
- SWINGING ARM CONFIGURATIONS
- SAFETY
- TECHNIQUES
- LINE OUT PROBLEMS

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