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Page 1: Important Details Serial Number: Please use this number in all correspondence with Highlight or its distributors to ensure quick and efficient assistance. Manual Number: PREDSS\_LP / DEC-2017 Turntable Problems: Refer to page 41 Film Carriage Issues: Page 42 Technical References: Page 43 Recommended Spare Parts: Page 44 Electrical Drawings: Page 45 Mechanical Drawings: Page 50 Notes: Page 64 Figure Numbers: - Bracket in Operating Position: Figure 4 - Microprocessor Card: Figure 5 - Operator Controls Diagram: Figure 6 - Film Loading/Threading Diagram: Figure 7 - Turntable Bell Adjustment: Figure 8 - Film Carriage Lift Chain Adjustment: Figure 9 Page 2 & 3: General Information and Safety Precautions Warning! Avoid wearing loose clothing while operating the machine. Stay away from moving parts, Operating Manual for Predator SS Turntable Stretch Wrapper Machine Specifications: The machine, manufactured by Highlight Industries Inc., has the following specifications: Model: Predator SS Location: Wyoming, MI 49519 Contact: 1-800-531-2465 Installation and Adjustment Guidelines: Upon receiving the machine, inspect it carefully for any visual damage during shipping. Report any damage to the trucking line immediately. For proper installation: 1. Ensure a 180° rotation of the turntable around its front side with a 1/4" gap between the turntable and ramp. 2. The ramp should be fully supported by the floor, and both the ramp and machine should be lagged to the floor. 3. Install the new microprocessor card, connect all connectors, and tighten the mounting screws. 4. Turn the disconnect switch to the ON position; if the display does not show "-.-", check all connectors and fuses again. Operating Instructions: The operator panel includes various input connectors for: P4/P10: Transformer Input/Output P5: Turntable Proximity Sensor P7: Film Carriage Limit Switches System Description: The Predator SS Turntable Stretch Wrapper operates with a series of steps, including installation and calibration. To calibrate the scale: 1. Navigate to parameter "F 16" in the menu. 2. Set the scale to zero calibration mode (F16). 3. Follow the on-screen instructions for completing the calibration process. Important Notes: - The machine has been calibrated by Highlight Industries Inc. before shipment using known weights. - Do not change these values unless directed to do so by Highlight personnel. Operator Controls Diagram: Refer to Figure 6 in the manual for a detailed diagram of the operator controls. When operating the Predator SS Turntable Stretch Wrapper, follow these steps. First, ensure the carriage travels up and then down to its home position. Next, select the desired number of top wraps by pushing the TOP WRAPS button (0-9). When activating the bar, the main power will shut off; releasing it will re-activate the power. To thread the film, follow the Film Feed Diagram and guide the 6-foot tail through the rollers all the way. Adjust the Stretch Tension Knob clockwise to increase tension or counterclockwise to decrease it. Note that the numbers on the knob (0-100) only serve as a reference point for film stretch percentage. For banding, press the "Banding" button as the carriage travels up; the carriage will stop and reinforcing wraps will be applied. Release the button to resume the cycle. For general maintenance, check for loose electrical connections, frayed cords, and damaged cables. Replace any damaged components immediately. When adjusting the driving chain and adjustment bracket, ensure they are parallel with the movable pulley base. Lubricate the chain with a general-purpose lubricant and replace chain guards after maintenance is complete. For lubrication, initially use Mobil EP-2 grease for the first 1,000 cycles, then every 10,000 cycles thereafter. Refer to component operation manuals shipped inside the main enclosure for specific maintenance information. Operation Instructions for Predator SS Turntable Stretch Wrapper: To initiate operation, press the START button S. The system will transition to Manual mode. Contact Highlight Industries, Inc. at 2694 Prairie SW, Wyoming, MI 49519 or call 1-800-531-2465 for prompt technical support. \*\*Important:\*\* Before performing any maintenance, ensure you have the following information ready: 1. Machine serial number 2. Date of purchase 3. Description of symptoms For troubleshooting guidance on replacing a malfunctioning power supply (transformer card), follow these steps: \* Check that there are no obstructions to the carriage's movement. \* Verify that the switches are functioning correctly and both have tripped. If the turntable's Home proximity switch is not stopping at its correct position, adjust it properly to only detect within an 8mm range. Replace as necessary. \*\*Note:\*\* If the Product Height Detection sensor is too far above the package, adjust the sensor according to the provided instructions. This is an operation manual for the Predator SS Turntable Stretch Wrapper. The manual appears to be a technical reference guide that provides detailed information about the components and assembly procedures for various parts of the machine. The manual starts by highlighting two ramp porch options, one with a 24" and another with a 48" length. It also includes information about the turntable scale frame assembly (optional) and lists various components such as screws, nuts, belts, and proximity switches. The manual then covers the tower assembly, including details on the elevator unit chain screw shaft, adjustable seat, and control box. The film carriage assembly is also discussed, with information on limit switches, terminal covers, and break plates. Finally, the manual includes a section on advanced infrared eye (optional) and notes about the Predator SS Turntable Stretch Wrapper operation.

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