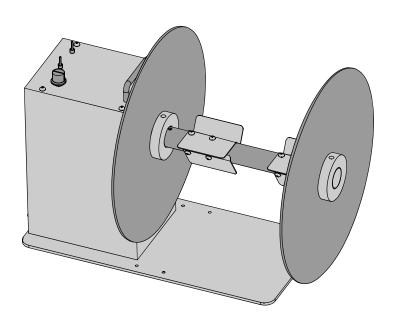
# DMX-REW2

Installation and Operation Instructions





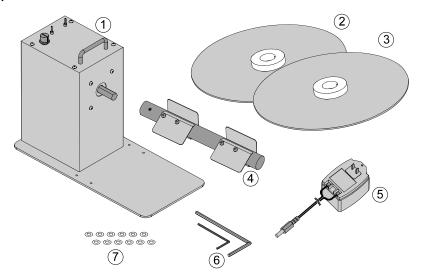
Constant Adjustable Torque<sup>tm</sup> ("CAT") technology ensures silent operation and constant, uniform tension on the label take-up reel without dancer or tensioning arms. The result is a short leader length, exceptionally easy threading, and no speed adjustments or troublesome clutches, belts, or gears. Dual "TORQUE" ranges and a "TORQUE" control knob set the desired tension on the DMX-REW2 Rewinder. The DMX-REW2 Rewinder can also be used as a label unwinder.

Rugged, heavy-duty steel construction allows the unit to be conveniently set in place near the label printer. Special anti-slip feet on the base prevent the unit from moving. This reliable, high-quality, maintenance-free unit features a Limited 1 Year Materials and Workmanship Warranty. (See Warranty Statement for details.)

## Contents of the DMX-REW2 Kit (78-2393-01)

This kit contains the following items:

- ① Rewinder Drive Unit
- ② Inner Flange Plate
- 3 Outer Flange Plate
- Rewind Shaft (with six vanes)
- © AC Wall Transformer
- © (2) Allen Wrenches
- ② (12) Washers

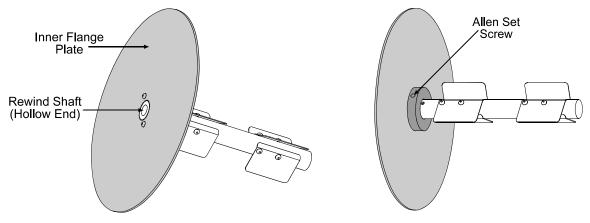


## Assembly of the DMX\_REW2

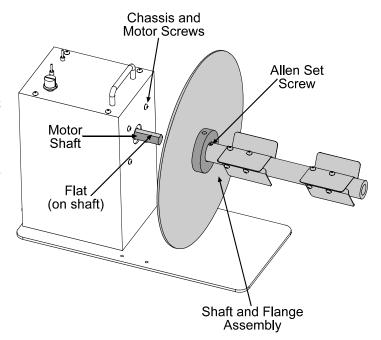


#### Warning! This equipment is for indoor use only. Not for use in wet locations.

1. Identify the Inner Flange Plate as the one with a regular Allen Set Screw (not the slotted screw) in the Hub. Slide the Inner Flange Plate onto the hollow end of the Rewind Shaft. For maximum width, the Flange face should be flush with the end of the Shaft. Tighten the Allen Set Screw until it is snug. Do not over-tighten.



- 2. Slide the Shaft and Flange Assembly onto the Motor Shaft allowing for clearance to the Chassis and Motor Screws. Tighten the Allen Set Screw onto the Flat on the Motor Shaft until it is snug. Do not over-tighten.
- 3. Set the unit in place near the label exit path of the printer. The DMX-REW2 is bi-directional. It can wind labels in either direction.

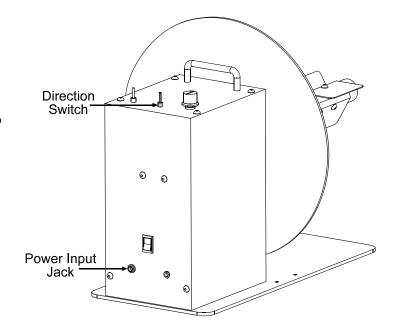




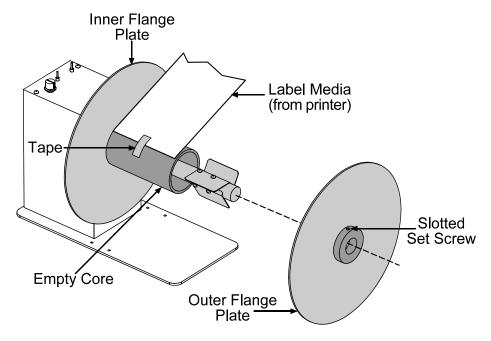
Caution: The DMX-REW2 weighs approximately 20 pounds (9 kg), be sure to choose a sturdy surface to set it on.

- 4. Verify that the "DIRECTION" Switch is in the "OFF" position.
- 5. Plug the Power Plug at the end of the wire on the AC Wall Transformer into the unit's Power Input Jack. Plug the AC Transformer into an appropriate 120 VAC 60Hz AC power outlet.

The unit is now ready for use.



- 1. Verify that the "DIRECTION" Switch is in the "OFF" position.
- 2. Slide an empty 3 in. (76mm ±) label Core on the rewind shaft until the Core is against the Inner Flange Plate.
- 3. If desired, slide the Outer Flange Plate (with the Slotted Set Screw in the hub) onto the rewind shaft. The pebble-textured side of the Flange Plate faces the label core. Tighten the Slotted Set Screw.
- 4. Feed the Label Media from the printer and secure it to the Empty Core with Tape. Rotate the rewind shaft a couple of turns. Check that the unit is square with the printer.

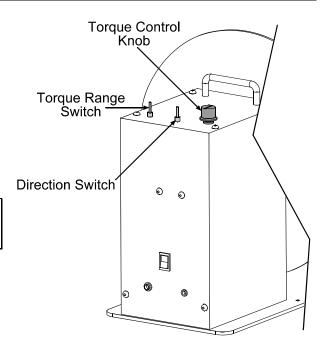


5. Place the "TORQUE RANGE" Switch in the "NORMAL" / "(REWIND)" position.

Note: When the "torque range" switch is in the "high (slit)" position, the UNIT can develop high torque. Use the "high (slit)" position for rewinding large diameter rolls.

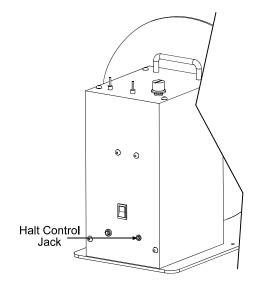
- 6. Rotate the "TORQUE" Control Knob to the minimum position (fully counter-clockwise).
- 7. Place the "DIRECTION" Switch in the position desired to run, left or right.
- 8. Start the printer and adjust the "TORQUE" Control Knob for the desired take-up tension. Use only the minimum "TORQUE" setting needed to rewind labels properly.

Note: Excessive torque might pull the labels too hard and cause the printer to lose registration.



The DMX-REW2 can handle large rolls of labels and rewind them at high speeds. The inertia of the heavy rotating mass of labels is considerable and could cause problems if the printer were to stop suddenly or the end of the slitting operation is reached.

The unit is equipped with an External Halt Control to handle this situation. If an external unit, such as the printer, Label Slitter, or other device opens the control circuit, the DMX-REW2 will immediately disconnect power to the motor and apply braking.

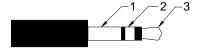


Use a 3.5mm dual circuit plug and cable plugged into the EXTERNAL HALT CONTROL Jack.

#### **CONTACT CLOSURE TO HALT DMX-REW2**

- Pin 1 No connection (NOT USED)
- Pin 2 Normally Closed (NC) contact return
- Pin 3 Normally Closed (NC) contact

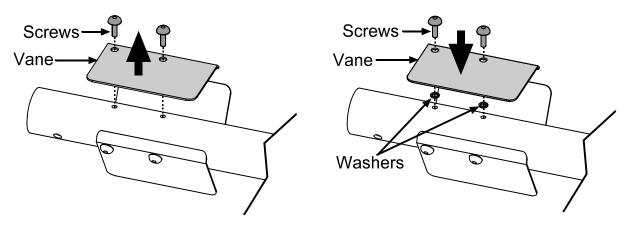
#### 3.5mm (Dual Circuit) Plug



## Adjusting Vanes

Due to the inconstancy of label cores the Vanes on the rewind shaft can be adjusted to provide a tighter fit. To adjust the Vanes:

- 1. Remove the two Screws securing the Vane.
- 2. Place two Washers (provided) under the Vane as shown and re-install the two Screws.
- 3. Repeat for the remaining Vanes.



### **Specifications**

Label Width:	10 inches (250mm)		
Rewind Label Roll Size:	Up to 12 inches (304+ mm)		
Speed:	Automatically adjusts to any printer speed up to 30-ips (762 mm/sec).		
	Maximum torque is adjustable.		
Start/Stop:	Convenient ON-OFF switch.		
Direction:	Bi-directional. Direction is reversible via switch		
Power:	UL & CSA Listed 120 vac 60Hz Power Supply Module.		
Warranty:	Limited 1-year Parts and Labor Warranty.		

## Warranty and Contact Information

#### **ONE-YEAR LIMITED WARRANTY**

Your new DMX-REW2 Label Rewinder ("the Unit") is guaranteed to the original end-user purchaser to be free from defects in materials and workmanship under normal use for a period of one (1) year from original date of purchase. This Warranty begins when you purchase the Unit and continues for the Warranty period unless you sell or rent the Unit, in which case the Warranty terminates.

In the event Warranty service is required, please contact Datamax-O'Neil at (407) 578-8007 for a Return Material Authorization and the Service Location to which the Unit should be shipped. The Unit must be packed securely for shipment to avoid damage. Original packaging is recommended if available. Proof of original purchase must accompany the Unit. The customer assumes all costs incurred in transporting the Unit to an authorized service center. Upon examination, if the Unit is found to be defective, it will be repaired or replaced without charge during the Warranty period.

Datamax-O'Neil and all resellers of the Unit disclaim any implied warranty, including the warranty of merchantability and the warranty of fitness for any particular purpose, and assume no responsibility or liability for any special, incidental or consequential damages.

This Warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, connection to inappropriate power source, lack of reasonable care, unauthorized modification, the affixing of any attachment not provided by Datamax-O'Neil, or loss of parts. This Warranty is voided in the event any unauthorized person opens, alters, or attempts to repair the Unit.

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