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# Warranty Manual

## SECTION 1

### POLICY & PROCEDURES

## SECTION 2

### LABOR FLAT RATES

This document supersedes all editions with an earlier date.



# Warranty Manual

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## SECTION 1 POLICY & PROCEDURES

The following information describes the warranty policy and procedures that must be followed for processing all warranty claims pertaining to SnowEx® snow and ice control equipment. This policy is extended only to authorized SnowEx distributors/dealers. TrynEx International reserves the right at any time to change any or all of the policy and procedures or the labor rates. These changes become effective immediately and will supersede any previous notices regarding policy.

### 1.1 Warranty Coverage

#### Snow and Ice Control Equipment

TrynEx International warrants each SnowEx commercial snowplow, for a period of two (2) years after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants each SnowEx light truck snowplow, for a period of one (1) year after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants each SnowEx POWER PUSHER™ snow pusher with rubber edge, for a period of ten (10) years after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants each SnowEx POWER PUSHER™ snow pusher with steel edge, for a period of two (2) years after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants each SnowEx tailgate and hopper spreader, for a period of two (2) years after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants each SnowEx walk-behind spreader and sprayer for a period of two (2) years after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants each SnowEx rotary broom, for a period of two (2) years after the date of purchase by the **original owner**, to be free from defects in material and/or workmanship.

TrynEx International warrants accessories, service parts, testing equipment, and components purchased separately, for a period of one (1) year after the date of purchase by the **original owner**, to be free from defects in material and workmanship. The warranty period of a service part that replaced an original part of a snowplow, spreader, sprayer, or rotary broom under warranty will be limited to the remainder of the original part warranty.

To obtain coverage under warranty, the product must be returned to an authorized TrynEx International distributor/dealer. (See Sections 1.4–1.7.) Those parts may be requested to be returned to TrynEx International.

If within the warranty periods any part is proven to TrynEx International's satisfaction to be defective, that part will be repaired, replaced, or credited to the distributor/dealer by TrynEx International, or repaired or replaced for the owner by the distributor/dealer. (See Appendices B through F for SnowEx Commercial Warranty sheets.) Warranty claims shall be processed and paid according to state and federal laws and regulations.

**The owner of the product must present bill of sale to a SnowEx distributor/dealer to verify the purchase date.**

## 1.2 Warranty Limitations

The foregoing warranty has limitations and shall not apply to the following:

- A. Repair of parts that are not furnished or approved by TrynEx International or damage caused by use of such parts.
- B. Parts/components that are transferred from one vehicle to another.
- C. Unauthorized alterations and modifications to the equipment that would cause product failure.
- D. Failures resulting from user subjecting equipment to conditions other than normal use or service.
- E. Failures resulting from operations other than described in the Owner's Manual.
- F. Repairs resulting from improperly installing, servicing, or modifying components, or from not complying with SnowEx® Installation Instructions and procedures, Mechanic's Guides, Service Bulletins or any other literature pertaining to servicing the product.
- G. Standard product maintenance, such as, but not limited to:
  - retightening fasteners
  - refilling fluids
  - periodic adjustments
  - cleaning/tightening/greasing electrical connections
  - lubrication of pivot points
  - repairs to finish
- H. Wear item parts replaced due to the normal operating conditions, such as, but not limited to:
  - wear shoes
  - cutting edges
  - base angle
  - blade guides
  - pins
  - belts, tires, and spinners
- I. Parts replaced due to corrosion or contamination caused by improper maintenance or storage of equipment.
- J. Damaged finish due to shipping, handling, storage, and/or wear due to use.
- K. Repairs or parts replaced due to incorrectly troubleshooting the initial issue.
- L. Repairs performed on the product by other than the distributor/dealer.
- M. Repairs or damage not resulting from defective material and/or workmanship.
- N. Repairs or damage to motor vehicle and/or frame of vehicle as a result of installing snowplow or ice control equipment to the vehicle.
- O. Indirect cost incurred by user while SnowEx equipment is being repaired during warranty period, such as, but not limited to:
  - lost time
  - miscellaneous charges not directly related to the product defect
  - equipment rental
  - transportation charges
- P. Spreader engine warranty and rotary broom engine warranty are covered by the engine manufacturer's warranty.

### 1.3 Labor

- A. Labor credit allowance is available to the distributor/dealer for each part determined by TrynEx International to be warrantable. The allowance is based on the established distributor/dealer shop labor rate documented at TrynEx International and computed in accordance with the current labor flat-rate times. (See Section 2.3.)
- B. Distributor/dealer labor rates indicating the current shop labor rate must be reported to TrynEx International on Shop Labor Rate Forms. (See Appendix A.) Distributors/dealers may have one update to their shop labor rate at any time during a calendar year.
- C. All claims submitted prior to the request for a shop labor rate update will be processed at the older labor rate.
- D. Parts visually defective at installation are not covered by labor warranty.
- E. Labor allowance for the replacement of parts will be credited only to parts proven, to TrynEx International's satisfaction, to be defective.
- F. Products should be registered prior to filing any claim. The bill of sale must include the complete serial number(s), as applicable.
- G. Approval of labor allowance is determined by the SnowEx® Technical Service department. This department reserves the right to reject any labor claims that do not conform with the warranty policy and procedures set forth in this manual.
- H. No labor credit is given if repair or part replacement is performed by the end-user.
- I. Labor times shall not be stacked when a repair requires the removal of a number of parts.

### 1.4 Returned Parts

- A. **Do not send parts back unless specifically requested to do so.**
- B. **All parts returned to TrynEx International for warranty evaluation are to be clearly marked and sent prepaid with a printed copy of the completed online Warranty Returned Material Authorization (RMA) claim.** Photos, in place of hard goods, are acceptable only when authorized by SnowEx Technical Service.

Photos must be clear and part shown must be clean (free of all dirt, sand, salt, snow, etc.).  
**Photos shall be uploaded via our online Warranty RMA process.**

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**Parts not returned must be retained by the distributor/dealer for a period of 60 days from the day an RMA number is processed, unless the distributor/dealer has been advised otherwise by Technical Service.**

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- C. Credit for faulty parts will be issued to the distributor/dealer at net price if TrynEx International determines that the parts are faulty. All warranted hydraulic components and controls should be rebuilt by the distributor/dealer. Hydraulic units and cylinders are not to be returned to TrynEx International without prior approval from a Technical Service representative.
- D. Warranty approval will be determined by SnowEx Technical Service. If a claim is rejected, the labor allowance will also be rejected.

- E. **Distributors/dealers requesting that a warranty-denied part be returned must do so within ten (10) working days of denial notification.** All warranty-denied parts will be returned collect to the distributor/dealer by United Parcel Service (UPS), if suitable. Warranty-denied parts requiring common carrier shipment will be sent freight collect. If disposition is still undetermined after ten (10) working days, the warranty-denied parts will be scrapped.
- F. Pack returned parts carefully to avoid damage in transit. **(No foam peanuts or shredded paper.)**
- G. Damage to parts in shipping: Title of goods is transferred to the customer at the time the carrier signs a Bill of Lading. The carrier acts as the customer's agent and assumes all responsibility. Claims for damaged freight should be filed with the carrier.
- H. New parts or kits returned to TrynEx International should not have labels applied to the original box or part. A copy of the original invoice must accompany the part or kit. Part returns must be initiated by the servicing SnowEx® Regional Sales Manager.
- I. **All hydraulic components, including units and cylinders, must be completely emptied of hydraulic fluid and ports must be plugged before being returned.**

## 1.5 Distributor/Dealer Responsibility

- A. All warranty repairs will be performed by an authorized distributor or dealer.
- B. All warranty repair parts shall be genuine factory OEM parts.
- C. All claims for reimbursement of warranty repairs must include **a copy of the bill of sale, a printed copy of the completed online Warranty RMA claim, and be processed through an authorized distributor/dealer.** It is the responsibility of the authorized distributor/dealer to follow warranty policies and procedures, regardless of where the product was purchased. Parts requested by TrynEx International to be returned for evaluation are shipped prepaid.
- D. Cost for parts identified as "factory defective" will be reimbursed to the distributor/dealer at net price, and labor allowance shall not exceed the authorized distributor's/dealer's shop labor rate computed with the current labor flat rates.
- E. The distributor/dealer is expected to reimburse the associate distributor/dealer upon receiving credit from TrynEx International.

## 1.6 Repairs vs. Replacement

The distributor/dealer is expected to choose the most cost-effective procedure when performing repairs. TrynEx International reserves the right to limit the labor allowance for the repair if the repair exceeds the replacement cost of the genuine factory OEM part.

## 1.7 Warranty Procedure

Warranty reimbursement is an important process for TrynEx International, our distributors/dealers, and our mutual customers. To provide prompt quality service to our customers, it is imperative that the following guidelines and procedures be adhered to.

The online Warranty RMA process must be used for all warranty requests. The online RMA Manual and Video Training Module are available in the Dealer Area at [www.snowexproducts.com](http://www.snowexproducts.com).

- A. To initiate a warranty claim, contact SnowEx® Technical Service online (under Warranty RMA in the Dealer Area at [www.snowexproducts.com](http://www.snowexproducts.com)) to **obtain a Returned Material Authorization (RMA) number within ten (10) working days of the job being performed**. An assigned number will remain active for a period of 45 days from the date the RMA was requested/opened.

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**Failure to return requested parts and submit forms within 45 days will result in closing of the warranty claim, which cannot be reopened.**

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**Parts not returned must be retained by the distributor/dealer for a period of 60 days from the day an RMA number is processed, unless the distributor/dealer has been advised otherwise by Technical Service.**

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- B. The online Warranty RMA claim must be filled out completely to expedite processing of a warranty claim. This includes uploading a copy of the **owner's bill of sale** (for sold product) and photos supporting the claim. A printed copy of the completed online Warranty RMA claim must be included with the returned part, if the part is required to be returned.

### ***Be sure to answer "the 3 Cs":***

- 1. Complaint:** What is the issue?
  - 2. Cause:** What is the reason for the issue? (List diagnostic steps that led you to that conclusion.)
  - 3. Correction:** What did you do to correct the issue after diagnosis?
- C. Verify that all parts listed for credit/replacement are the most current part number.
- D. Parts and components with a distributor/dealer net value of \$50 or less do not need to be returned to TrynEx International unless instructed otherwise by Technical Service. Hydraulic cylinders and hydraulic units are not to be returned without prior approval from Technical Service. In lieu of hard goods, field photos may be acceptable. (See Returned Parts, Section 1.4, Paragraph B.)
- E. When requesting replacement or credit for a service part, it is important to request replacement or credit for the lowest sellable/serviceable part that is defective or missing. Credits will not be issued for whole goods or kits that have a defective or missing service part contained within. Examples of whole goods and kits are (not all inclusive):
- Full blade assemblies
  - Off-truck kits
  - Tailgate and hopper spreaders
  - Truck plow mount kits
  - Accessory kits
  - Headlamp kits

Approval of replacement or credit requests will be determined by SnowEx Technical Service department. This department reserves the right to reject any replacement or credit claims that do not conform with the warranty policy and procedures set forth in this manual.



F. Fill out an RMA tag for each item when submitting like parts under multiple RMA numbers in one box. Tags are available from Technical Service. (See sample below.)

RMA # _____	Date _____
<b>SNOWEX</b>	
Dealer Name _____	
City _____ State _____	
Installation Date _____	
<b>TrynEx International, LLC</b> 531 Ajax Drive Madison Heights, MI 48071-2429 (248) 586-3500	
<b>ATTACH TAG TO RETURNED PART</b>	
<small>95078.01</small>	

Sample RMA Tag (front)

REASON FOR RETURN	
We Request:	Explanation (DO NOT use "Defective")
<b>With This Part We Expect You To...</b> _____ Replace the part. _____ Give credit for the part. _____ Inspect and advise cost of repair if you estimate cost to be more than \$_____ Note: Repairable parts will be returned.	_____ _____ _____ _____ _____
<b>Drain Fluid From All Hydraulics Before Shipping</b>	
<small>95078.01</small>	

Sample RMA Tag (back)

G. Tags are to be filled out completely, including a full description of the part failure and repair.

H. Attach completed return label to outside of package and return to TrynEx International. Additional labels are available from Technical Service. (See sample below.)

From: _____	Number of Packages _____
_____	_____ of _____
_____	
To: TrynEx International, LLC	
531 Ajax Drive	
Madison Heights, MI 48071-2429	
RMA# <input type="text"/>	
<i>This tag must appear on the outside of return shipments</i>	
<small>95079.01</small>	

Sample Return Tag

## 1.8 Warranty Manual Updates

A copy of the current manual is available on our website at [www.snowexproducts.com](http://www.snowexproducts.com). Log into the Dealer Area, then click on Technical Support/Warranty Information.

This manual is dated in the upper right-hand corner of the front cover. Dispose of any previous hard-copy revisions.

## SECTION 2 LABOR FLAT RATES

### 2.1 Purpose

This section was developed to direct distributors/dealers in calculating their labor credit when applied to TrynEx International's labor warranty policy. It lists the majority of service operations performed on SnowEx® snow and ice control equipment and the time it takes to perform each operation. The flat-rate schedule can also be used when calculating labor charges for customers.

All times are calculated to tenths of an hour (1/10 of an hour equals 6 minutes).

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**Note: Stacking of labor for a repair is not allowed.**

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### 2.2 Important Suggestions

All operations in this section have been timed according to the steps and procedures in the literature and Technical Bulletins.

The following suggestions may help you stay within the recommended flat-rate standards:

- A. Understand the theory of operation of the hydraulic and electrical systems to save time on troubleshooting and repairs. Become familiar with the literature and attend SnowEx Service Schools.
- B. Use the proper tools.
- C. Follow the recommended procedures.
- D. Use only replacement parts manufactured or approved by TrynEx International.
- E. Use power tools whenever possible.
- F. If corroded fasteners cannot be easily removed with tools, remove the fasteners with a cutting torch. (Considerable time can be saved by using a cutting torch, when used carefully.)
- G. Use one mechanic per repair operation unless a second is temporarily needed for assistance.
- H. The original mechanic should proceed without interruption through the entire operation.
- I. The mechanic should be made aware of the labor flat-rate time expected for the operation.
- J. Technicians should notify a supervisor when troubleshooting becomes excessively time consuming. DO NOT rely on the "trial-and-error" method.
- K. Use standard safety methods and practices when servicing SnowEx equipment (which includes wearing safety goggles and other appropriate safety equipment).
- L. Use available test equipment and service tools when applicable.
- M. Prior to calling Technical Service for diagnostic help, please fill out the Pre-Call Checklist (next page). This checklist includes all of the basic information we require to assist you. Also, the solution to an issue might be discovered while filling out the checklist, as diagnostic details not previously considered might be listed.

# PRE-CALL CHECKLIST

HAVE THIS INFORMATION WHEN YOU CALL

NEW OR EXISTING INSTALL:	DATE OF INSTALL:		
<b>TRUCK INFO:</b>			
YEAR:			
MAKE:			
MODEL:			
HEADLAMP STYLE:			
ISOLATION MODULE PART NUMBER:			
SOFT START ADAPTER REQUIRED?:			
HEADLAMP HARNESS PART NUMBER(S):			
HAND-HELD CONTROL TYPE:			
<b>SNOWPLOW INFO:</b>			
MODEL (INCLUDING WIDTH):			
SERIAL NUMBER SNOWPLOW & HYDRAULIC UNIT:			
ELECTRICAL INFO:	2-PLUG FLEET FLEX	OR	3-PLUG
COMPLAINT OR ISSUE (VERIFIED BY TECHNICIAN):	2-PLUG FLEET FLEX	OR	2-PLUG RELAY (OLD)
SNOWPLOW FUNCTION OR LIGHTING ISSUE:			
TRUCK-SIDE OR PLOW-SIDE:			
IF LIGHTING ISSUE:			
SOLENOID COIL ACTIVATION TEST (SCAT) RESULTS:	WHAT'S MISSING (POWER OR GROUND) & WHERE:	ELECTRICAL	OR
COMPLAINT OR ISSUE (VERIFIED BY TECHNICIAN):	WHAT'S MISSING (POWER OR GROUND) & WHERE:		HYDRAULIC
	MOTOR AMPERAGE DRAW:		PUMP PRESSURE:
<b>SPREADER INFO:</b>			
MODEL (INCLUDING LENGTH):			
SERIAL NUMBER (REQUIRED):			
TRUCK-SIDE OR SPREADER-SIDE:			
CONTROL ERROR CODE:			
COMPLAINT OR ISSUE (VERIFIED BY TECHNICIAN):			

2.3 Labor Flat-Rate Times

# SNOWPLOWS

## BLADES AND ATTACHMENTS

PROCESS	UTV Straight	UTV V-Plow	LT	RD	HD	Skid Steer Straight	Skid Steer SW-Plow	SPEEDWING™	POWER PLOW™	RDV™	HDV™
A-Frame / T-Frame	0.8	1.0	2.0	2.0	2.0	1.0	2.0	2.0	2.0	1.8	1.8
Base Angle		1.0								1.2	1.2
Blade	0.8	1.0	0.8	0.8	0.8	0.8	0.9	0.9	1.0	0.5	0.5
Blade Frame										1.0	1.0
Blade Moldboard Replaced (main)										0.5	0.5
Cutting Edge	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Cutting Edge (wing)							0.2	0.2	0.3		
Headgear	1.0	1.0	1.0	1.0	1.0			1.0	1.5	1.5	1.5
Kick Stand Assembly			0.2	0.3	0.3			0.3	0.3	0.3	0.3
Quadrant			0.7	0.7	0.7			0.9	0.9		
Release Lever Assembly			0.4	0.4	0.4			0.4	0.4	0.4	0.4
Slide Box Assembly								1.0			
Snow Control										0.3	0.3
Trip Spring	0.2	0.4	0.1	0.1	0.1		0.1	0.1	0.1	0.4	0.4
Wing Cable (each)							0.5	0.5			
Wing Skin							0.5	0.5	0.5		
Wing Spring							0.7	0.7	0.7		

## TRUCK MOUNT ASSEMBLIES

PROCESS	UTV Straight	UTV V-Plow	LT	RD	HD	Skid Steer Straight	Skid Steer SW-Plow	SPEEDWING™	POWER PLOW™	RDV™	HDV™
Complete Mount Assembly	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Mount DS or PS			1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

## TRACTOR MOUNT ASSEMBLIES

PROCESS	John Deere	Kubota	Mahindra
Battery Cable	0.5	0.5	0.5
Complete Mount Assembly	1.0	1.0	1.0
Control Harness	1.0	1.0	1.0
Light Switch	0.3	0.3	0.3
Lighting Harness	0.8	0.8	0.8

### HYDRAULICS

PROCESS	UTV Straight	UTV V-Plow	LT	RD	HD	Skid Steer Straight	Skid Steer SW-Plow	POWER PLOW™	SPEEDWING™	RDV™ V-Plow	HDV™ V-Plow
Cartridge Valve	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Complete Disassembly & Cleaning of Hydraulic Unit	2.0	3.5	2.0	2.0	2.0			4.0	3.5	3.5	3.5
Fittings	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.2	0.2	0.2	0.2
Hose	0.2	0.4	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.4	0.4
Hydraulic Unit	1.0	1.0	0.5	0.5	0.5			0.5	0.7	1.0	1.0
Pickup Tube / Filter / Diffuser	0.8	0.8	0.8	0.8	0.8			0.8	0.8	0.8	0.8
Pump or O-Ring	0.8	0.8	0.8	0.8	0.8			0.8	0.8	1.0	1.0
Pump Shaft Seal	1.5	1.5	1.5	1.5	1.5			2.5	1.5	2.5	2.5
Ram Assembly (DA)	0.5	0.5	0.5	0.5	0.5			0.5	0.5	0.5	0.5
Ram Assembly (SA)	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
Ram Assembly (slide box)								1.0			
Reservoir or O-Ring	0.5	0.5	0.5	0.5	0.5			0.5	0.5	0.5	0.8
Scrape Maxx™ Down Force Kit			0.3	0.3	0.3			0.3	0.3	0.3	0.3
Valve Block (primary)	0.8	2.5	0.8	0.8	0.8	0.8	0.8	2.0	0.8	2.0	2.0
Valve Block (secondary)		1.5						1.5			1.5
Valves (relief) Adjustment	0.3	0.3	0.3	0.3	0.3			0.3	0.3	0.3	0.3
Valves (relief) Replacement	0.5	0.5	0.5	0.5	0.5	0.3	0.3	0.5	0.5	0.5	0.5

### ELECTRICAL

PROCESS	UTV Straight	UTV V-Plow	LT	RD	HD	POWER PLOW	SPEEDWING	RDV	HDV V-Plow
Coil (cartridge valve)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cab Control	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Control Components	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Headlamp Adapter			0.3	0.3	0.3	0.3	0.3	0.3	0.3
Headlamp Assembly			0.5	0.5	0.5	0.5	0.5		
Module – Isolation & Plow	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Motor	0.4	0.4	0.4	0.4	0.4	1.0	0.4	1.0	1.0
Motor Relay	0.3	0.3	0.3	0.3	0.3	0.5	0.3	0.5	0.5
Plow Battery Cable	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Plow Control Harness (coils)	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.7	0.7
Plow Headlamp Bulb			0.3	0.3	0.3	0.3	0.3	0.3	0.3
Plow Headlamp LED (INTENSIFIRE™) DS or PS	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Switch (Automatixx®)			0.3	0.3	0.3	0.3	0.3	0.3	0.3
Vehicle Battery Cable / HCM Power Harness	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Vehicle Control Harness	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.5	0.8

## SPREADERS

### TOWABLE & HOPPER SPREADERS

PROCESS	SP-2400	SP-2400H	SP-3000	SP-6000	SP-7000	SP-7550	SP-8500	SP-8500H	HELIXX™ SS	HELIXX Poly
Auger / Agitator	1.5	1.5	1.0	1.0	1.0	1.5	1.5	1.5	1.0	1.0
Auger Bearing	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		
Auger Drive Coupler	0.8	0.8			0.5	0.8	0.8	0.8		
Auger Drive Spider	0.8	0.8			0.5	0.8	0.8	0.8		
CHMSL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Cab Control	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Control Board	0.5	0.5	0.3	0.3	0.5	0.5	0.5			
Female Bumper Splice	0.5		0.5	0.5		0.5	0.5			
Female Spinner Splice			0.5	0.5		0.5	0.5			
Hopper Legs								0.8	0.8	
Hub	0.3	0.3			0.3	0.3	0.3	0.3		
Hydraulic Auger Motor								0.8		
Hydraulic Hoses								0.5		
Hydraulic Spinner Motor								0.5		
Inverted V			0.5	0.5	0.5	0.8	0.8	0.8	0.8	0.8
Male Bumper Splice	0.5	0.5					0.5			
Male Spinner Splice			0.5	0.5		0.5	0.5			
Module								0.5	0.5	
Motor	0.8	0.8	0.5	0.5	0.5	0.8	0.8	0.8	0.8	0.8
Motor Trans Assembly	1.0	1.0	1.0	1.0	1.0	1.0	1.0			
Power Cord	0.5	0.5	0.8	0.8	0.5	0.8	0.8	0.8	0.8	0.8
Prewet Tank								0.5	0.5	
Push Button Switches	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Spinner Assembly (complete)								0.3	0.3	
Spinner	0.5	0.5	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5
Spinner Drive Coupler		0.8						0.8		
Spinner Harness	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Spinner Motor	0.8	0.8	0.5	0.5	0.5	0.8	0.8	0.8	0.5	0.5
Strobe Light								0.5	0.5	
Transmission	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		
Transmission Auger	1.0		0.8	0.8	0.8	1.0	1.0			
Transmission Spinner	0.8		0.5	0.5	0.8	0.8	0.8			
Vibrator	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Wiring Harness (battery)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Wiring Harness (vehicle)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Work Light								0.4	0.4	

CONTINUED ON NEXT PAGE

**TOWABLE & HOPPER SPREADERS (continued)**

PROCESS	SP-9300	SP-9300H	SP-9300X	SP-9300XH	SP-9500	SP-9500X	SP-9500H	SP-9500XH	SP-9800X	SP-9800XH
Auger / Agitator	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Auger Bearing	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Auger Drive Coupler	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Auger Drive Spider	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
CHMSL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Cab Control	0.5		0.5		0.5	0.5		0.5	0.5	
Control Board			1.5			1.5			1.5	
Female Bumper Splice	0.5		0.5		0.5	0.5			0.5	
Female Spinner Splice	0.5		0.5		0.5	0.5			0.5	
Hopper Legs										
Hub	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Hydraulic Auger Motor				0.8			0.8	0.8		0.8
Hydraulic Hoses				0.5			0.5	0.5		0.5
Hydraulic Spinner Motor				0.5			0.5	0.5		0.5
Inverted V	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Male Bumper Splice	0.5		0.5		0.5	0.5			0.5	
Male Spinner Splice	0.5		0.5		0.5	0.5			0.5	
Module										
Motor	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Motor Trans Assembly	1.0		1.0	1.0	1.0	1.0			1.0	
Power Cord	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Prewet Tank										
Push Button Switches	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Spinner Assembly (complete)										
Spinner	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Spinner Drive Coupler		0.8		0.8			0.8	0.8		0.8
Spinner Harness										
Spinner Motor	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Strobe Light										
Transmission	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Transmission Auger	1.0		1.0		1.0	1.0			1.0	
Transmission Spinner										
Vibrator	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Wiring Harness (battery)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Wiring Harness (vehicle)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Work Light										

# SPREADERS

## TAILGATE & DROP SPREADERS

PROCESS	SP-100	SR-210	SP-125	SP-225	SP-325	SP-575	SP-575X	SP-575X-1	SP-1075	SP-1075X	SP-1075X-1
Auger / Agitator	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Auger Bearing											
Cab Control	0.5	0.5			0.3	0.3	0.5	0.3	0.3	0.5	0.3
Control Board											
Female Bumper Splice			0.3	0.3	0.3	0.3			0.3		
Gate Control Cable			0.5								
Gate Deck			0.8								
Gate Slide			0.5								
Inverted V											
Male Bumper Splice			0.3	0.3	0.3	0.3			0.3		
Module								0.8			0.8
Motor								0.5			0.5
Motor Trans Assembly	1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.0	1.0	
Power Cord	0.5	0.5			0.5	0.5			0.5		
Spinner	0.5	0.5	0.5	0.5	0.5	0.5		0.5	0.5	0.5	0.5
Spinner Motor	0.5	0.5	0.8	0.5	0.5	0.5	0.5		0.5	0.5	
Transmission			0.8	0.8	0.8	0.8	0.8		0.8	0.8	
Transmission Auger											
Transmission Spinner	0.8	0.8							0.5		0.5
Vibrator									1.0		1.0
Wiring Harness (battery)									0.5		0.5
Wiring Harness (vehicle)			0.5	0.5	0.5	0.5		1.0	0.5		1.0

CONTINUED IN TABLE BELOW

## TAILGATE & DROP SPREADERS (continued)

PROCESS	SP-1575	SP-1575X-1	SP-1875	SP-1875X-1	SD-600	SD-600-1	SD-1400
Auger / Agitator	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Auger Bearing	0.8	0.8	0.8	0.8	0.5	0.5	0.5
Cab Control	0.3	0.3	0.3	0.3	0.5	0.5	0.5
Control Board					0.5		0.5
Female Bumper Splice	0.5		0.5				
Gate Control Cable							
Gate Deck							
Gate Slide							
Inverted V			0.5		0.5		0.5
Male Bumper Splice							
Module		0.8		0.8		0.8	
Motor	0.5	0.5	0.5	0.5		0.5	
Motor Trans Assembly					1.0		1.0
Power Cord	0.8		0.8		0.8		0.8
Spinner	0.3	0.3	0.3	0.3		0.3	
Spinner Motor	0.5		0.5		0.5		0.5
Transmission					0.8		0.8
Transmission Auger	0.8		0.8				
Transmission Spinner	0.5	0.5	0.5	0.5		0.5	
Vibrator	0.5	1.0	0.5	1.0	0.5	1.0	0.5
Wiring Harness (battery)	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Wiring Harness (vehicle)	1.0	1.0	1.0	1.0	1.0	1.0	1.0



# SPREADERS

## DROP SPREADERS

Process	Drop Pro™ 200		Drop Pro™ 600	
Control	0.3	0.3		
Drive Shaft	0.6	0.6		
Flap Agitator	0.4	0.4		
Gear Box	0.8	0.8		
Module	0.5	0.5		
Motor	0.5	0.5		
Paddle Auger	1.0	1.0		
Poly Bearing – DS	0.3	0.3		
Poly Bearing – PS/Gear Box Side	0.8	0.8		
Spreader Harness	0.5	0.5		
Trough Safety Switch	0.5	0.5		
Vehicle Control Harness	0.3	0.3		
Vehicle Harness	0.5	0.5		

## Walk Behinds (including Rotary Broom, Broadcast / Drop Spreaders and Sprayers)

PROCESS	SS-4000 Rotary Broom	SP-65	SP-85 / SS	SD-95 / SS	SL-80 / SS
Battery*					0.3
Brush	0.5				
Brush Trans Kit	1.0				
Cable and Lever	0.8				
Caster Wheel	0.3				
Deflector			0.3		
Frame Stand		0.3	0.3		
Gate Cable/Rod		0.4	0.4	0.4	0.4
Gear Box Kit	3.0	0.5	0.5		
Handlebar	1.5	0.5	0.5		
Nozzle					0.3
Plow	0.2				
Pulley	1.5				
Pump					0.8
Selecting Rod Kit	0.5				
Shifting Segment	2.0				
Shifting Segment Cover	0.5				
Spinner Plate		0.3	0.3	1.0	1.0
Tub		0.5	0.5	1.0	1.0
Valve					0.4
Wheel	0.3	0.3	0.3	0.3	0.3

\* 90 days from purchase date

## BRINE MAKERS

### BRINE TANK

PROCESS	
Barb Fitting	0.3
Brine Outlet Pump	0.5
Brine Tank	4.0
Brine Tank Cover	0.1
Bulkhead Fitting	0.3
Check Valve	0.5
Float Switch (1 of 3)	0.5
Hose	0.4

Brine Pro™ 2000

### CIRCULATION PUMP ASSEMBLY

PROCESS	
Bulkhead Fitting	0.3
Circulation Pump	1.0
Circulation Pump Exit Kit	0.8
Circulation Pump Motor	0.8
Eductor Nozzle	0.2
Fresh Water Nozzle	0.3
Fresh Water Nozzle, Elbow	0.5
Fresh Water Nozzle, Tee	0.5
Hose	0.5
Jaw Coupling Spider	0.7
Pump Drive Coupler (complete)	0.8

Brine Pro 2000

### ELECTRIC PANEL

PROCESS		Brine Pro™ 2000
Circuit Breaker	0.5	
Circuit Protector	0.5	
Contactor	0.5	
E-Stop Assembly	0.4	
PLC Assembly	0.5	
Power Supply	0.3	
Serial Hub	0.2	
Touch Screen	0.3	
Variable Frequency Drive	0.8	

### HAMMER MILL ASSEMBLY

PROCESS		Brine Pro 2000
Bearing (motor end)	0.7	
Bearing (pulley end)	0.6	
Casing (hammer mill)	3.0	
Door (hammer mill)	0.6	
Dust Shield	0.5	
Mill	2.5	
Motor	1.0	
Pulley (hammer mill)	0.3	
Pulley (motor)	0.3	
Safety Switch (hammer mill)	0.5	
V-Belt	0.3	

**MIXING TANK ASSEMBLY**

PROCESS		Brine Pro™ 2000
Bulkhead Fitting	0.8	
Cleanout Drain Valve	0.5	
Conductivity Sensor Kit	0.5	
Discharge Pipe	0.5	
Float Switch Kit	0.5	
Hose	0.5	
Mixing Tank	3.0	
Transfer Valve	0.5	

**SALT HOPPER ASSEMBLY**

PROCESS		Brine Pro 2000
Auger	1.0	
Auger Bearing	3.0	
Auger Bearing (motor end)	1.0	
Auger Motor	0.8	
Auger Transmission	1.3	
Auger / Transmission Kit	1.0	
Cable	0.5	
Hammer Mill Lid	0.3	
Hopper Baffle	0.5	
Hopper (salt)	2.5	
Spray Bar Kit	0.5	
Torque Arm Kit	0.3	
Vibrator (salt hopper)	0.5	

**WATER INLET PLUMBING**

PROCESS		Brine Pro 2000
Check Valve	0.5	
Flow Meter	0.5	
Hose	0.3	
Solenoid Valve	0.5	

## TRUCK-MOUNTED LIQUID SPRAYERS

PROCESS				
	AccuSpray™ VSS-1000-1	AccuSpray VSS-2000/VSS-3000	Liqui Maxx™ (gas)	Liqui Maxx (hydraulic)
Ball Valve	0.5	0.5	0.5	0.5
Circuit Breaker	0.3	0.3		
Control			0.5	0.5
Dry Seal Replacement			1.0	1.0
Electric Valve			0.4	0.4
Engine Replacement			1.0	
Filter/Strainer (complete)	0.3	0.3	0.3	0.3
Float Valve			0.4	
Flow Control/Metering Valve			0.5	
GPS Replacement			0.4	0.4
Hydraulic Motor				0.8
On/Off Control Switch	0.3	0.3		
Pump	0.8	0.8	0.5	0.5
Regulator Valve	0.5	0.5		
Rotary Nozzles	0.2	0.2	0.2	0.2
Spray Gun Replacement	0.2	0.2	0.2	0.2
Sprayer Harness Replacement	0.5	0.5	1.0	1.0
Tank (brine)	1.5	1.5	2.0	1.5
Wet to Dry Seal Replacement			2.0	2.0
Wiring Harness (control)		0.5	0.5	0.5
Wiring Harness (vehicle)	1.0	1.0	1.0	1.0

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Customers of TrynEx International must report their labor rate on the Shop Labor Rate Form. One update may be submitted during a calendar year. All claims submitted prior to this date will be processed at the older labor rate.

**SHOP LABOR RATE FORM**

Distributor/Dealer: \_\_\_\_\_ Acct.#: \_\_\_\_\_

City & State: \_\_\_\_\_

New labor rate for \_\_\_\_\_ year(s) is \$ \_\_\_\_\_ /hr

Previous labor rate for \_\_\_\_\_ year(s) is \$ \_\_\_\_\_ /hr

1. Competitor Name: \_\_\_\_\_

Rate/Hour: \_\_\_\_\_ Telephone: \_\_\_\_\_

2. Competitor Name: \_\_\_\_\_

Rate/Hour: \_\_\_\_\_ Telephone: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Factory Use Only**

Date Entered: \_\_\_\_\_ Entered By: \_\_\_\_\_

To update the shop labor rate currently documented at TrynEx International a photocopy of this form should be completely filled out. Return by mail, fax, or email.

Mail to: TrynEx International, LLC  
Technical Service department  
531 Ajax Drive  
Madison Heights, MI 48071-2429

Fax to: (248) 586-3501

Email to: technical@trynexfactory.com





## Commercial Warranty Snowplows

TrynEx International, LLC • 531 Ajax Drive, Madison Heights, MI 48071-2429 • www.snowexproducts.com

### COMMERCIAL WARRANTY

#### COVERAGE

TrynEx International, LLC, a division of Douglas Dynamics, LLC, warrants to the original purchaser of a SnowEx® snowplow that the snowplow will, for a period of two (2) years after the date of original purchase, be free from defects in material and workmanship. TrynEx International warrants accessories, service parts, and components purchased separately for a period of one (1) year after original purchase to be free from defects in material and workmanship.

**The foregoing warranties are exclusive and in lieu of all other express and implied warranties (except of title), including but not limited to the implied warranties of merchantability and fitness for a particular purpose.**

#### WHAT IS NOT COVERED

This warranty shall not apply to finish or any parts not furnished by TrynEx International or any damage caused by such parts, or to parts which shall have been repaired or altered by other than TrynEx International, so as, in TrynEx International's judgment, adversely to affect the same, or which shall have been subject to other than normal use or service, negligence, accident, or improper installation, maintenance, care, or storage.

Further, attachment of a SnowEx snowplow to motor vehicles is at the risk and expense of the purchaser. Compliance with applicable motor vehicle regulations is the responsibility of the installer. TrynEx International does not assume any liability for any damage to a motor vehicle resulting from the attachment or from the use of a SnowEx snowplow. Although SnowEx snowplows are designed to fit specific vehicle models, TrynEx International does not assume any liability for the cost of modification of the snowplow or the vehicle required to attach the snowplow.

TrynEx International will not be responsible for any expense related to parts or labor which is unrelated to defects in material and workmanship of a SnowEx snowplow.

#### REMEDY FOR DEFECTIVE SNOWPLOW

If within such warranty periods any part thereof is proved to TrynEx International's satisfaction to be defective, such part shall be repaired by TrynEx International or its authorized distributor or dealer or, at TrynEx International's option, replaced Free On Board (FOB) TrynEx International's factory without charge, including labor costs at its standard rate incurred while repairing said snowplow. TrynEx International's obligation hereunder shall be limited to such repair or replacement, provided that the original purchaser of that snowplow has followed the procedure for obtaining warranty performance set forth below.

**TrynEx International's liability is expressly limited to the repair and replacement of defective parts as herein provided. TrynEx International shall not be liable for any consequential, incidental, or contingent damages whatsoever, whether for breach of contract, breach of warranty, negligence, or other tort, or on any strict liability theory.**

#### PROCEDURE FOR OBTAINING WARRANTY PERFORMANCE

Within ten (10) days after the discovery of any alleged defect, the original purchaser of the snowplow must notify TrynEx International of the claimed defect via their Factory Authorized Distributor/Dealer. The original purchaser must provide proof of original purchase and, at TrynEx International's option, return the allegedly defective part through their Factory Authorized Distributor/Dealer.

The following is a registered (®) trademark of Douglas Dynamics, LLC: SnowEx®.

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October 15, 2019

 A DIVISION OF DOUGLAS DYNAMICS, LLC



TrynEx International, LLC

Commercial Warranty  
POWER PUSHER™ Snow Pusher

TrynEx International, LLC • 531 Ajax Drive, Madison Heights, MI 48071-2429 • www.snowexproducts.com

## COMMERCIAL WARRANTY

### COVERAGE

TrynEx International, LLC, a division of Douglas Dynamics, LLC, warrants to the original purchaser of a SnowEx® POWER PUSHER snow pusher that the snow pusher with rubber edge will, for a period of ten (10) years after the date of original purchase, be free from defects in material and workmanship.

TrynEx International, LLC, a division of Douglas Dynamics, LLC, warrants to the original purchaser of a SnowEx POWER PUSHER snow pusher that the snow pusher with steel edge will, for a period of two (2) years after the date of original purchase, be free from defects in material and workmanship.

TrynEx International warrants accessories, service parts, and components purchased separately for a period of sixty (60) days after original purchase to be free from defects in material and workmanship.

**The foregoing warranties are exclusive and in lieu of all other express and implied warranties (except of title), including but not limited to the implied warranties of merchantability and fitness for a particular purpose.**

### WHAT IS NOT COVERED

This warranty shall not apply to finish or any parts not furnished by TrynEx International or any damage caused by such parts, or to parts which shall have been repaired or altered by other than TrynEx International so as, in TrynEx International's judgment, adversely to affect the same, or which shall have been subject to other than normal use or service, negligence, accident, or improper installation, maintenance, care, or storage.

Further, attachment of a SnowEx POWER PUSHER snow pusher to a vehicle is at the risk and expense of the purchaser. Compliance with applicable regulations is the responsibility of the installer. TrynEx International does not assume any liability for any damage to a vehicle resulting from the attachment or from the use of a SnowEx snow pusher. Although the SnowEx snow pusher is designed to fit specific vehicles, TrynEx International does not assume any liability for the cost of modification of the snow pusher or the vehicle required to attach the snow pusher.

TrynEx International will not be responsible for any expense related to parts or labor which is unrelated to defects in material and workmanship of a SnowEx POWER PUSHER snow pusher.

### REMEDY FOR DEFECTIVE SNOW PUSHER

If within such warranty periods any part thereof is proved to TrynEx International's satisfaction to be defective, such part shall be repaired or replaced by TrynEx International or its authorized distributor or dealer or, at TrynEx International's option, replaced Free On Board (FOB) TrynEx International's factory without charge, including labor costs at its standard rate incurred while repairing said snow pusher. TrynEx International's obligation hereunder shall be limited to such repair or replacement, provided that the the original purchaser of that snow pusher has followed the procedure for obtaining warranty performance set forth below.

**TrynEx International's liability is expressly limited to the repair and replacement of defective parts as herein provided. TrynEx International shall not be liable for any consequential, incidental, or contingent damages whatsoever, whether for breach of contract, breach of warranty, negligence, or other tort, or on any strict liability theory.**

### PROCEDURE FOR OBTAINING WARRANTY PERFORMANCE

Within ten (10) days after the discovery of any alleged defect, the original purchaser of the snow pusher must notify TrynEx International of the claimed defect via their Factory Authorized Distributor/Dealer. The original purchaser must provide proof of original purchase and, at TrynEx International's option, return the allegedly defective part through their Factory Authorized Distributor/Dealer.

The following are registered (®) or unregistered (™) trademarks of Douglas Dynamics, LLC: POWER PUSHER™, SnowEx®.

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## Commercial Warranty Spreaders and Sprayers

TrynEx International, LLC • 531 Ajax Drive, Madison Heights, MI 48071-2429 • www.snowexproducts.com

### COMMERCIAL WARRANTY

#### COVERAGE

TrynEx International, LLC, a division of Douglas Dynamics, LLC, warrants to the original purchaser of a SnowEx® spreader or sprayer that the spreader or sprayer will, for a period of two (2) years after the date of original purchase, be free from defects in material and workmanship. TrynEx International warrants accessories, service parts, and components purchased separately for a period of one (1) year after original purchase to be free from defects in material and workmanship.

**The foregoing warranties are exclusive and in lieu of all other express and implied warranties (except of title), including but not limited to the implied warranties of merchantability and fitness for a particular purpose.**

#### WHAT IS NOT COVERED

This warranty shall not apply to finish, engine, or any parts not furnished by TrynEx International or any damage caused by such parts, or to parts which shall have been repaired or altered by other than TrynEx International so as, in TrynEx International's judgment, adversely to affect the same, or which shall have been subject to other than normal use or service, negligence, accident, or improper installation, maintenance, care, or storage. Engine manual has separate engine warranty.

Further, attachment of a SnowEx spreader or sprayer to motor vehicles is at the risk and expense of the purchaser. Compliance with applicable motor vehicle regulations is the responsibility of the installer. TrynEx International does not assume any liability for any damage to a motor vehicle resulting from the attachment or from the use of a SnowEx spreader or sprayer. Although SnowEx spreaders and sprayers are designed to fit specific vehicle models, TrynEx International does not assume any liability for the cost of modification of the spreader or sprayer or the vehicle required to attach the spreader or sprayer.

TrynEx International will not be responsible for any expense related to parts or labor which is unrelated to defects in material or workmanship of a SnowEx spreader or sprayer.

#### REMEDY FOR DEFECTIVE SPREADER OR SPRAYER

If within such warranty periods any part thereof is proved to TrynEx International's satisfaction to be defective, such part shall be repaired by TrynEx International or its authorized distributor or dealer or, at TrynEx International's option, replaced Free On Board (FOB) TrynEx International factory without charge, including labor costs at its standard rate incurred while repairing said spreader or sprayer. TrynEx International's obligation hereunder shall be limited to such repair or replacement, provided that the original purchaser of that spreader or sprayer has followed the procedure for obtaining warranty performance set forth below.

**TrynEx International's liability is expressly limited to the repair and replacement of defective parts as herein provided. TrynEx International shall not be liable for any consequential, incidental, or contingent damages whatsoever, whether for breach of contract, breach of warranty, negligence, or other tort, or on any strict liability theory.**

#### PROCEDURE FOR OBTAINING WARRANTY PERFORMANCE

Within ten (10) days after the discovery of any alleged defect, the original purchaser of the spreader or sprayer must notify TrynEx International of the claimed defect via their Factory Authorized Distributor/Dealer. The original purchaser must provide proof of original purchase and, at TrynEx International's option, return the allegedly defective part through their Factory Authorized Distributor/Dealer.

The following is a registered (®) trademark of Douglas Dynamics, LLC: SnowEx®.

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**Commercial Warranty  
Walk-Behind  
Spreaders and Sprayers**

TrynEx International, LLC • 531 Ajax Drive, Madison Heights, MI 48071-2429 • www.snowexproducts.com

**COMMERCIAL WARRANTY**

**COVERAGE**

TrynEx International, LLC, a division of Douglas Dynamics, LLC, warrants to the original purchaser of a SnowEx® walk-behind spreader or sprayer that the spreader or sprayer will, for a period of two (2) years after the date of original purchase, be free from defects in material and workmanship.

**The foregoing warranties are exclusive and in lieu of all other express and implied warranties (except of title), including but not limited to the implied warranties of merchantability and fitness for a particular purpose.**

**WHAT IS NOT COVERED**

This warranty shall not apply to finish or any parts not furnished by TrynEx International or any damage caused by such parts, or to parts which shall have been repaired or altered by other than TrynEx International so as, in TrynEx International's judgment, adversely to affect the same, or which shall have been subject to other than normal use or service, negligence, accident, or improper installation, maintenance, care, or storage.

TrynEx International will not be responsible for any expense related to parts or labor which is unrelated to defects in material and workmanship of a SnowEx walk-behind spreader or sprayer.

**REMEDY FOR DEFECTIVE WALK-BEHIND SPREADER OR SPRAYER**

If within such warranty periods any part thereof is proved to TrynEx International's satisfaction to be defective, such part shall be replaced by TrynEx International or its authorized distributor or dealer or, at TrynEx International's option, replaced Free On Board (FOB) TrynEx International's factory without charge. TrynEx International's obligation hereunder shall be limited to such replacement, provided that the original purchaser of that walk-behind spreader or sprayer has followed the procedure for obtaining warranty performance set forth below.

**TrynEx International's liability is expressly limited to replacement of defective parts as herein provided. TrynEx International shall not be liable for any consequential, incidental, or contingent damages whatsoever, whether for breach of contract, breach of warranty, negligence, or other tort, or on any strict liability theory.**

**PROCEDURE FOR OBTAINING WARRANTY PERFORMANCE**

Within ten (10) days after the discovery of any alleged defect, the original purchaser of the walk-behind spreader or sprayer must notify TrynEx International of the claimed defect via their Factory Authorized Distributor/Dealer. The original purchaser must provide proof of original purchase and, at TrynEx International's option, return the allegedly defective part through their Factory Authorized Distributor/Dealer.

The following is a registered (®) trademark of Douglas Dynamics, LLC: SnowEx®.



## Commercial Warranty Rotary Broom

TrynEx International, LLC • 531 Ajax Drive, Madison Heights, MI 48071-2429 • www.snowexproducts.com

### COMMERCIAL WARRANTY

#### COVERAGE

TrynEx International, LLC, a division of Douglas Dynamics, LLC, warrants to the original purchaser of a SnowEx® rotary broom that the rotary broom will, for a period of two (2) years after the date of original purchase, be free from defects in material and workmanship. TrynEx International warrants accessories, service parts, and components purchased separately for a period of one (1) year after original purchase to be free from defects in material and workmanship.

**The foregoing warranties are exclusive and in lieu of all other express and implied warranties (except of title), including but not limited to the implied warranties of merchantability and fitness for a particular purpose.**

#### WHAT IS NOT COVERED

This warranty shall not apply to finish, engine, or any parts not furnished by TrynEx International or any damage caused by such parts, or to parts which shall have been repaired or altered by other than TrynEx International so as, in TrynEx International's judgment, adversely to affect the same, or which shall have been subject to other than normal use or service, negligence, accident, or improper installation, maintenance, care, or storage. Engine manual has separate engine warranty.

TrynEx International will not be responsible for any expense related to parts or labor which is unrelated to defects in material or workmanship of a SnowEx rotary broom.

#### REMEDY FOR DEFECTIVE ROTARY BROOM

If within such warranty periods any part thereof is proved to TrynEx International's satisfaction to be defective, such part shall be repaired by TrynEx International or its authorized distributor or dealer or, at TrynEx International's option, replaced Free On Board (FOB) TrynEx International factory without charge, including labor costs at its standard rate incurred while repairing said rotary broom. TrynEx International's obligation hereunder shall be limited to such repair or replacement, provided that the original purchaser of that rotary broom has followed the procedure for obtaining warranty performance set forth below.

**TrynEx International's liability is expressly limited to replacement of defective parts as herein provided. TrynEx International shall not be liable for any consequential, incidental, or contingent damages whatsoever, whether for breach of contract, breach of warranty, negligence, or other tort, or on any strict liability theory.**

#### PROCEDURE FOR OBTAINING WARRANTY PERFORMANCE

Within ten (10) days after the discovery of any alleged defect, the original purchaser of the rotary broom must notify TrynEx International of the claimed defect via their Factory Authorized Distributor/Dealer. The original purchaser must provide proof of original purchase and, at TrynEx International's option, return the allegedly defective part through their Factory Authorized Distributor/Dealer.

The following is a registered (®) trademark of Douglas Dynamics, LLC: SnowEx®.

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