



UTV BED SPRAYERS = TRUCK BED SPRAYERS = SPRAY BOOMS = BRINE TANKS
(100 GAL) (250-3,200 GAL) (UP TO 34') (1,100-10,000 GAL)



### OUR VISION

To eliminate ice-related accidents.





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### WHY ICE MASTER SYSTEMS?

#### • WE KNOW LIQUIDS

Since the birth of our company, we have taken pride in manufacturing simple solutions that help our customers manage their liquid better. Our vision is to eliminate ice-related accidents. When it comes to liquids, we focus on three key areas; storing, transporting and applying...

#### **2.** WE BACK WHAT WE BUILD

Adding a durable, long-lasting piece of equipment to your fleet means a lot to us. The industry-leading warranties we offer are our guarantee that you're investing in a product that is built for endurance. We know that unneeded product failures and breakdowns can cost a lot of money...

#### 3. WE LISTEN TO PROFESSIONALS

Every unit we design is customer-inspired. How is this possible? Our engineers have spent countless hours working with professionals who everyday depend on ice control equipment to get their job done quickly. We know that manufacturing a superior product requires a lot of research, creativity, dedication and a strong commitment to the customer that will be depending on it...

#### **4.** WE BELIEVE IN SIMPLICITY

Simply put, every problem can be overcome with a simple solution. Our products are developed so minimal training is required to get the equipment up-and-running before the storm arrives. Less complication means less chance of failure

#### 5. WE PUT SAFETY FIRST

We recognize that manufacturing products that help prevent injuries on sidewalks, and save lives on roads, is a big responsibility – and we've accepted that responsibility. While our products are designed with the operator at top-of-mind, we believe the end result is what matters most...

#### **5.** We're not stopping here

With a dedicated team of engineers and research specialists, we are truly setting a new standard for liquids in the snow and ice industry. We have several new products on the horizon that will transform the way governments, municipalities and independent landscape professionals use liquids...

## MASTER SYSTEMS LIQUIDS SERIES

BROUGHT TO YOU BY:









#### READ OR WATCH HELPFUL TIPS & HOW-TO'S





#### SOME TOPICS WE COVER

liquids vs rock salt

using liquids

shifting the mindset to liquids

equipment maintenance

benefits of liquids

science of liquids

buying equipment for liquids

using an anti-icing/de-icing sprayer

PHILL SEXTON with WIT ADVISERS SNOW & ICE CONTROL ADVISER

Visit: www.lceControlTraining.com

# LIQUID MASTER\* U-SERIES

#### **FEATURES**

#### SOLID-WALL™ TANK CONSTRUCTION

With thick side-walls, this workhorse is high-impact-resistant and virtually indestructible.

#### AUTO-DRAIN™ SUMP BASE

The sloped tank base channels every ounce of brine to the drain. Just where it should go.

#### TIME-SAVER™ FORK-POINTS

The built-in fork slots makes the entire unit a breeze to lift and load.



#### POLY-FLEX™ HOSE REEL

Unlike steel, this rust-free, crack-proof poly hose reel will flex.

#### RUST-ARMOUR™ STAINLESS FRAME

No rust. No corrosion. This guarantees years of unmatched service.

#### EASY-ADJUST™ BOOM MOUNTS

Quickly set the boom height to match the spray nozzles recommended height.

#### **SPECIFICATIONS**

SPRAY WIDTH	FRAME TYPE	COLOR	HOSE LENGTH	MOUNTING	TANK TYPE	SPRAY GUN TYPE	FLOW METER
(Up to 6') Boom: IMSB4 See Page 14	Stainless Steel	Safety Orange	100'	4 Tie-Down Slots	Single-Piece, Roto Mold HDPE	Adjustable Jet/Fan	Yes

NOW WITH 100' OF HOSE -

#### **COMPATIBLE LIQUIDS**

CALCIUM CHLORIDE BRINE

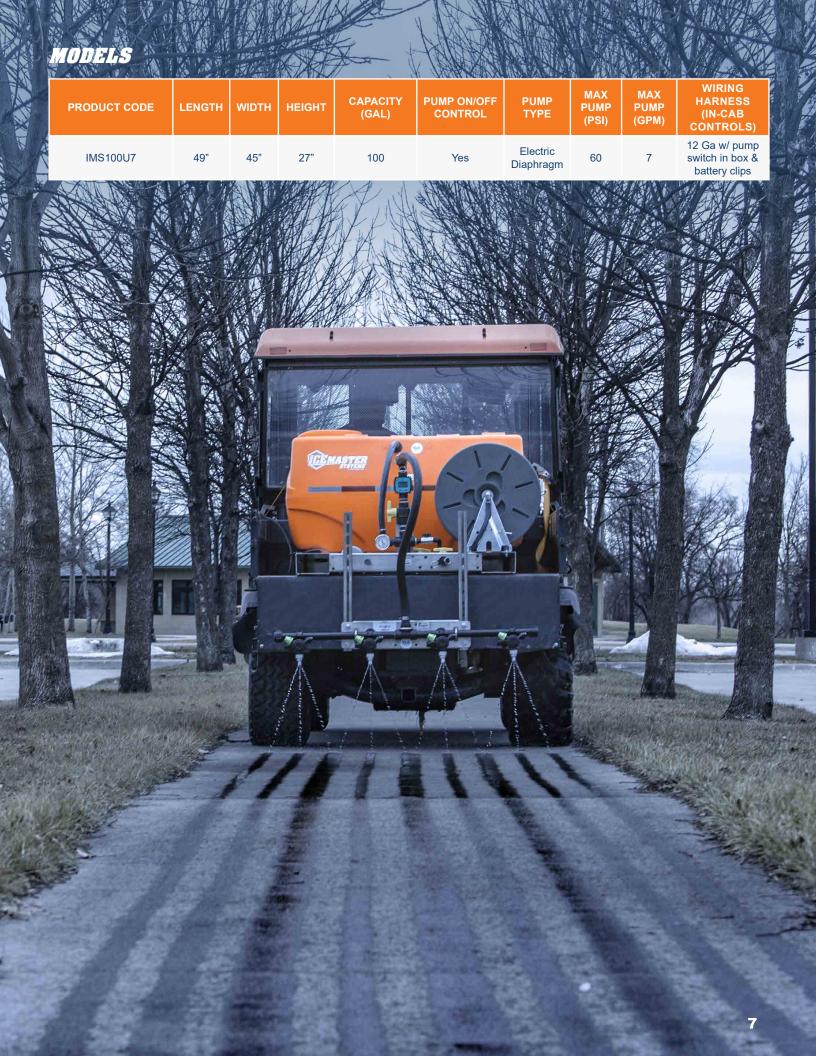
SALT BRINE

PREMIUM BRANDED LIQUIDS

Caution: Brine that contains tacky substances or solid particles may clog pumps and nozzles. These are not recommended.

Warning: DO NOT USE any products that contain petroleum or petroleum by-products of any kind. These destroy seals and will void warranty.

<sup>\*</sup>Double your 5 yr tank warranty when you register this product. See page 23. \*All Enduraplas poly tanks are manufactured in the United States of America.



# LIQUID MASTER<sup>™</sup> E-SERIES

#### **FEATURES**

#### AUTO-DRAIN™ SUMP BASE

The sloped tank base channels every ounce of brine to the drain. Just where it should go.

#### RUST-ARMOUR™ STAINLESS FRAME

No rust. No corrosion. This guarantees years of unmatched service.

#### POLY-FLEX™ HOSE REEL

Unlike steel, this rust-free, crack-proof poly hose reel will flex.



#### BAFFLE-BALL™ SURGE CONTROL

The slosh is eliminated. It feels like a solid load.

#### HANDY-TAP™ FILLER

Ideal for filling small sidewalk sprayers.

#### TIME-SAVER™ FORK-POINTS

The built-in fork slots makes the entire unit a breeze to lift and load.

#### FAST-FILL™ SYSTEM

Quickly attach and fill so more time can be spent on the job.

#### **SPECIFICATIONS**

SPRAY WIDTH	FRAME TYPE	COLOR	HOSE LENGTH	MOUNTING	TANK TYPE	SPRAY GUN TYPE
(Up to 30') Boom: IMSB6 See Page 14	Stainless Steel	Safety Orange	100'	4 Tie-Down Slots	Single-Piece, Roto Mold HDPE	Adjustable Jet/Fan

#### COMPATIBLE LIQUIDS

CALCIUM CHLORIDE BRINE

SALT BRINE

PREMIUM BRANDED LIQUIDS

Caution: Brine that contains tacky substances or solid particles may clog pumps and nozzles. These are not recommended.

Warning: DO NOT USE any products that contain petroleum or petroleum by-products of any kind. These destroy seals and will void warranty.

<sup>\*</sup>Double your 5 yr tank warranty when you register this product. See page 23. \*All Enduraplas poly tanks are manufactured in the United States of America.

#### MODELS

PRODUCT CODE	LENGTH	WIDTH	HEIGHT	CAPACITY (GAL)	PUMP ON/OFF CONTROL	PUMP TYPE	MAX PUMP (PSI)	MAX PUMP (GPM)	WIRING HARNESS (IN-CAB CONTROLS)
IMS250E17	81"	48"	39"	250	Yes	3 x Electric Diaphragm	60	1 x 7 2 x 5	12 Ga w/ pump switch in box & battery clips. 3 Zones.
IMS300E17	102"	48"	40"	300	Yes	3 x Electric Diaphragm	60	1 x 7 2 x 5	12 Ga w/ pump switch in box & battery clips. 3 Zones
IMS500E17	104"	57"	50"	500	Yes	3 x Electric Diaphragm	60	1 x 7 2 x 5	12 Ga w/ pump switch in box & battery clips. 3 Zones











#### STORAGE STAND

PRODUCT CODE	COMPATIBLE SIZES
IMSLS01	250, 300

# LIQUID MASTER<sup>™</sup> T-SERIES

#### **FEATURES**

#### BAFFLE-BALL™ SURGE CONTROL

The slosh is eliminated. It feels like a solid load.

#### AUTO-DRAIN™ SUMP BASE

The sloped tank base channels every ounce of brine to the drain. Just where it should go.

#### RUST-ARMOUR™ STAINLESS FRAME

No rust. No corrosion. This guarantees years of unmatched service.



#### TRI-ZONE™ SPRAY SELECTION

Choose where you want to spray by selecting left, right or center. No more expensive salt damage. No more wasted liquid.

#### FAST-FILL™ SYSTEM

Quickly attach and fill so more time can be spent on the job.

#### RAPID-EMPTY™ DRAINAGE SYSTEM

Quickly empty left-over liquid without wasting a single drop.

#### **SPECIFICATIONS**

SPRAY WIDTH	FRAME TYPE	COLOR	HOSE LENGTH	MOUNTING	TANK TYPE	SPRAY GUN TYPE
(Up to 34') Boom: IMSB8 See Page 14	Stainless Steel	Safety Orange	100'	4 Tie-Down Slots	Single-Piece, Roto Mold HDPE	Adjustable Jet/Fan

#### COMPATIBLE LIQUIDS

CALCIUM CHLORIDE BRINE

SALT BRINE

PREMIUM BRANDED LIQUIDS

Caution: Brine that contains tacky substances or solid particles may clog pumps and nozzles. These are not recommended.

Warning: DO NOT USE any products that contain petroleum or petroleum by-products of any kind. These destroy seals and will void warranty.

<sup>\*</sup>Double your 5 yr tank warranty when you register this product. See page 23. \*All Enduraplas poly tanks are manufactured in the United States of America.

#### MODELS

PRODUCT CODE	LENGTH	WIDTH	HEIGHT	CAPACITY (GAL)	MOTOR TYPE	PUMP TYPE	MAX PUMP (PSI)	MAX PUMP (GPM)	WIRING HARNESS (IN-CAB CONTROLS)
IMS500T160	104"	57"	50"	500	GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS800T160	120"	61"	59"	800	GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS1200T160	127"	72"	66"	1,200	GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS1600T160	156"	72"	70"	1,600	GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS2500T160	159"	87"	84"	2,500	GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS3000T160	159"	87"	99"	3,000	GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS500T160E	104"	57"	50"	500	Electric Start GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS800T160E	120"	61"	59"	800	Electric Start GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS1200T160E	127"	72"	66"	1,200	Electric Start GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS1600T160E	156"	72"	70"	1,600	Electric Start GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS2500T160E	159"	87"	84"	2,500	Electric Start GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS3000T160E	159"	87"	99"	3,000	Electric Start GX160 Honda/5.5HP	Poly Centrifugal	60	160	Option 1
IMS500T245SS	104"	57"	50"	500	N/A	Hydraulic	150	245	Option 1
IMS800T245SS	120"	61"	59"	800	N/A	Hydraulic	150	245	Option 1
IMS1200T245SS	127"	72"	66"	1,200	N/A	Hydraulic	150	245	Option 1
IMS1600T245SS	156"	72"	70"	1,600	N/A	Hydraulic	150	245	Option 1
IMS2500T245SS	159"	87"	84"	2,500	N/A	Hydraulic	150	245	Option 1
IMS3000T245SS	159"	87"	99"	3,000	N/A	Hydraulic	150	245	Option 1

Option 1: 16 Ga w/toggle switch for 3-zones with in-cab power connection Option 2: 16 Ga w/toggle switch for 3 zones with in-cab power connection & GPS flow control

#### TO ADD OPTION 2: 'GPS FLOW CONTROL' ADD A 'G' TO THE END OF THE PRODUCT CODE



#### **SELF-LOADING LEGS**

PRODUCT CODE	COMPATIBLE SIZES
IMSLS02	500, 800, 1200, 1600















# BEANSIETY OF SAFETY



STOP LIQUID SURGE

# ICE CONTROL SPRAY BOOMS



#### IMSB4

SPRAY NOZZLE QTY	NOZZLE OUTPUT	BOOM WIDTH	SPRAY WIDTH
4	1.5 GPM	46"	Up to 6'

FITS ON: U-SERIES



#### *IMSB6*

SPRAY NOZZLE QTY	NOZZLE OUTPUT	BOOM WIDTH	SPRAY WIDTH
4 + 2 Side Nozzles	1.5 GPM	55"	Up to 30'

FITS ON: E-SERIES



#### IMSB8

SPRAY NOZZLE QTY	NOZZLE OUTPUT	BOOM WIDTH	SPRAY WIDTH
6 + 2 Side Nozzles	1.5 GPM	77"	Up to 34'

FITS ON: T-SERIES

#### **BOOM MOUNT OPTIONS**

#### **IMSBRI**



DESCRIPTION	HITCH SIZE
Receiver Hitch Mount	2"

FITS ON: IMSB6, IMSB8



#### **IMSBAMI**

#### **DESCRIPTION**

Adjustable Slide Mount

FITS ON: IMSB4, IMSB6, IMSB8

### ACCESSORIES







**VALVES** 

**FITTINGS** 

SIPHON TUBES







**BOLTED FITTINGS** 



STAINLESS FITTINGS



**NOZZLES** 



**HOSE** 



**LIGHTS** 

### BRINE-TANK

#### **FEATURES**

#### ANCHOR-POINT™ LUGS

Four hefty built-in lifting and tie-down points at each corner make it easy to handle.

#### CORODE-PROOF™ MATERIAL

Built with salt brine compliant material, this tank will keep the brine pure.

#### SINGLE-PIECE™ CONSTRUCTION

Rotationally-molded in a single mold means the tank is seamless, watertight and leak-proof.





\*Double your 5 yr tank warranty when you register this product. See page 23. \*All Enduraplas poly tanks are manufactured in the United States of America.

#### STRONG-X™ ROOF DESIGN

The beefed-up roof structure with molded-in truss-like supports eliminates collapsing.

#### RIBBED-WALL™ STRUCTURE

The ribs act like belts around the tank keeping it in shape. This reduces bulging.

#### RUST-ARMOUR™ FITTINGS

No rust. No corrosion. This guarantees years of unmatched service.



#### **SPECIFICATIONS**

LID SIZE	FITTINGS	SPECIFIC GRAVITY
16"	Stainless	1.9

**COMPATIBLE LIQUIDS** 

CALCIUM CHLORIDE BRINE

SALT BRINE

PREMIUM BRANDED LIQUIDS

#### SIZES

PRODUCT CODE	TANK BASE	DIAMETER	HEIGHT	CAPACITY (GAL)
THV01100WHIMS	Flat	60"	97"	1,100
THV03000WHIMS	Flat	90"	125"	3,126
THV05000WHIMS	Flat	110"	150"	5,500
THV10000WHIMS	Flat	144"	178"	10,400



### MASTER I COMBINATION



#### **COMBINATION SPECIFICATIONS**

PRODUCT NUMBER	DESCRIPTION	MORE DETAIL
1	1,100 Gallon Brine Storage Tank	See Page 16
2	Honda Engine & Poly Pump Kit with Suction and Fill Hose	Product Code: IMSC1003
3	100 Gallon Liquid Master™ U-Series	See Page 6

### MASTER 2 COMBINATION



#### **COMBINATION SPECIFICATIONS**

PRODUCT NUMBER	DESCRIPTION	MORE DETAIL	
1	3,000 Gallon Brine Storage Tank	See Page 16	
2	Honda Engine & Poly Pump Kit with Suction and Fill Hose	Product Code: IMSC1003	
3	300 Gallon Liquid Master™ E-Series	See Page 8	

# DIESEL FUEL BOSS®

#### ANTI-SPILL™ BREATHER

The leak-proof poly breather keeps Diesel in and keeps dust out.

#### PUMP-SHIELD™ COVER

The pump & gun sits neat and tight out of the weather.

#### SELF-ACTIVATE™ SHUT-OFF NOZZLE

This well-built diesel fuel nozzle is engineered to shut-off automatically when the machine is completely full.



#### CONDENSATE ARMOR™ MATERIAL

Unlike steel and aluminum, this polyethylene material reduces condensation buildup to minimize machinery filter damage.

#### **EASY-LIFT™ HANDLES**

Molded-in, solid handles make loading and unloading this unit effortless.

#### ANCHOR-POINT™ STRAP GROOVES

Heavy-duty, never-fail strap grooves are built-in on both sides. This makes tying down this unit quick and hassle-free.

<sup>\*</sup>Double your 5 yr tank warranty when you register this product. See page 23. \*All Enduraplas poly tanks are manufactured in the United States of America.

PRODUCT CODE	TANK SIZE (GAL)	DIMENSIONS (L X W X H)	COMPATIBLE WITH	FILL POINT	PUMP	GUN	FLOW RATE (GPM)	ELECTRIC CABLE LENGTH	HOSE LENGTH	TANK MATERIAL TYPE	DRY WEIGHT (LBS)
RDU025C10D	25	32" x 27" x 20"	Diesel	3"	Vane	Auto shut-off	10	16'	16'	Polyethylene	69
RDU055C10D	55	32" x 27" x 30"	Diesel	3"	Vane	Auto shut-off	10	16'	16'	Polyethylene	80
RDU055S10D	55	48" x 34" x 22"	Diesel	3"	Vane	Auto shut-off	10	16'	16'	Polyethylene	80
RDU075N10D	75	51" x 21" x 31"	Diesel	3"	Vane	Auto shut-off	10	16'	16'	Polyethylene	90
RDU100S10D	100	47" x 34" x 34"	Diesel	3"	Vane	Auto shut-off	10	16'	16'	Polyethylene	100
RDU100N10D	100	51" x 21" x 38"	Diesel	3"	Vane	Auto shut-off	10	16'	16'	Polyethylene	100
RDU100S15D	100	47" x 34" x 34"	Diesel	3"	Vane	Auto shut-off	15	16'	16'	Polyethylene	100



Manufactured and sold by Enduraplas. Visit Enduraplas.com.

# LIQUID BRINE FILL STATION BOWSER BOSS

#### IDEAL FOR FILLING WALK-BEHIND SPRAYERS

#### ANTI-SPILL™ BREATHER

The leak-proof poly breather.

#### PUMP-SHIELD™ COVER

The pump & gun sits neat and tight out of the weather.

#### IMPACT-FLEX™ STRUCTURE

With sturdy side-walls, this workhorse is high-impact-resistant and virtually indestructible. Unlike steel or aluminum, it will consistently flex and bounce back.



#### CORODE-PROOF™ MATERIAL

Built with salt brine compliant material, this tank will keep the brine pure.

#### **EASY-LIFT™ HANDLES**

Molded-in, solid handles make loading and unloading this unit effortless.

#### ANCHOR-POINT™ STRAP GROOVES

Heavy-duty, never-fail strap grooves are built-in on both sides. This makes tying down this unit quick and hassle-free.

<sup>\*</sup>Double your 5 yr tank warranty when you register this product. See page 23. \*All Enduraplas poly tanks are manufactured in the United States of America.

PRODUCT CODE	TANK SIZE (GAL)	DIMENSIONS (L X W X H)	COMPATIBLE WITH	FILL POINT	PUMP	GUN	FLOW RATE (GPM)
IMSBB055C	55	32" x 27" x 30"	BRINE	3/4"	Vane	Auto shut-off	8
IMSBB100S	100	47" x 34" x 34"	BRINE	3/4"	Vane	Auto shut-off	8

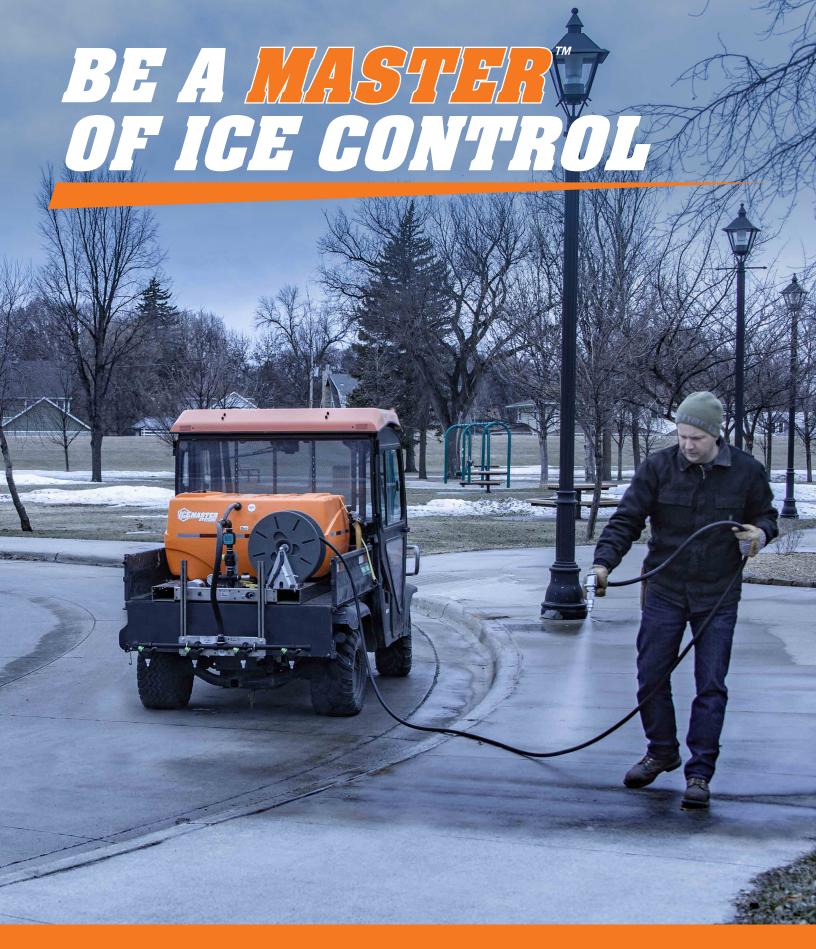
ELECTRIC CABLE LENGTH	HOSE LENGTH	TANK MATERIAL TYPE	DRY WEIGHT (LBS)
21'	20'	Polyethylene	85
21'	20'	Polyethylene	105

#### OTHER COMPATIBLE LIQUIDS

CALCIUM CHLORIDE BRINE

SALT BRINE

PREMIUM BRANDED LIQUIDS



Visit: www.lceControlTraining.com

### INFORMATION

#### **FREIGHT**

Contact us to learn the exact freight charges in your area.

#### WARRANTY

You can depend on your ICE MASTER SYSTEMS® equipment to work as hard as you do, and for ICE MASTER SYSTEMS® to stand behind it. We now offer an industry-leading warranty because we can.

	Standard Warranty	Extended Warranty
Tanks	5 Years	*10 Years
Booms & Stainless Steel Frames	3 Year	-
Parts & Accessories	**1 Year	-

\*Double your tank warranty by completing your warranty registration. Please contact your dealer for complete terms & conditions.

\*\*Unless expressly stated that they have an extended original manufacturer warranty.





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ICE MASTER SYSTEMS reserves the right to change specifications, design and price of the products described in this literature without notice. Images used in this literature are pictured for display purposes only. Warranty of all products is only applicable when the product is used in accord with the operator's manual. Improper use of any equipment or accessory may cause serious or fatal injury. Read, understand and follow carefully the operator's manual before using these products.



#### **ICE MASTER SYSTEMS**

113 1st Street Neche, ND 58265 USA

#### **CONTACT US:**

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**NEW VIDEO TRAINING SERIES** 

Taking Liquids from a Question to a No-Brainer. See page 5 for details.

PHILL SEXTON with WIT ADVISERS SNOW & ICE CONTROL ADVISER



A Brand By Enduraplas

**ICEMASTERSYSTEMS.COM**