



# 12 Volt DC Power ONLY

## Shipping box contents:

Qty	Description	Part Number
1	4.3"/7" Control panel display	CL-709-100 / CL-711-112
1	Machine side wiring harness	DDBW01
1	Female Multi-X low/high flow with cover	959-LD8000 / 959-HD1000
2	Push lock -12 male JIC Multi-X fittings	14-727-1217
1	Multi-X mounting bracket low/high flow	DDB1127 / DDB5217

## Display mounting:

**4.3" Display:** 8-32 hardware, compatible with RAM® mount RAM-B-238U

**7" Display:** 10-24 hardware, compatible with RAM® mount RAM-202U



# DOUBLEDOWN™

## SALT BUCKET

### WARRANTY:

Manufacturer warrants the Salt Bucket to be free of defects of material and workmanship for a period of two (2) years from the date of delivery by the customer. During this period, the user is responsible for informing the manufacturer of any problems within 10 days of the problem(s). Dealer/Distributor must notify the manufacturer by phone, fax or e-mail. The original warranty card must be returned to the manufacturer. (Failure to return a fully completed warranty registration card, with proof of purchase, within 30 days upon receiving a new Salt Bucket will void warranty.)

The manufacturer will not warranty any wear parts such as wear shoes, poly mounting blocks, torsion springs, hardware and cutting edges. Warranty excludes failure resulting from abusive and improper service, misuse, negligence and accidental impact, including any non-factory repair or alteration. The manufacturer will void all warranties specific or implied.

All claims must be discussed with a representative of the manufacturer prior to any repairs, or warranty will be void. Recommended repairs and costs are to be discussed with and agreed upon by a manufacturer's representative. Repair or labor (at an agreed rate) will be performed by a manufacturer's specified dealer, and at a repair shop designated by the manufacturer. The repair or replaced product shall be guaranteed for the applicable warranty's remaining period. All shipping costs associated with any repairs are the customer's responsibility.

### ARCTIC MULTI-X INSTALL:

- Mount the Arctic Multi-X Quick Connector near the quick connect implement coupler of the machine using the supplied mounting bracket.
- Supply the Quick Connector with hydraulic power. 5/8" or 3/4" hydraulic hose is recommended for the connector.
  - Note: a check valve has been installed at the return side of the bucket whip. Flow direction is labeled on the check valve.
- Refer to instructions included in Quick Connect packaging to ensure proper installation of push-to-connect fittings. The red c-clips are required for the connector to lock and shall only be removed for servicing the connection.
- Install the supplied Quick Connector covers when the Bucket is not connected to the machine.
- Additional mating Multi-X connectors may be purchased from Arctic Snow and Ice Products for other hydraulic implements.

### OPERATING INSTRUCTIONS:

- Attach the bucket to the machine then connect the Quick Connector and 8-pin Multi-X Connector for the electronics harness.
- To fill the bucket, approach a salt pile and fill in multiple moderate scoops.
- Before applying hydraulic power, configure speed settings for the augers and spinners. Also confirm the direction of fluid flow, a check valve is integrated into the Salt Bucket to prevent back flow.
- Apply hydraulic power. Speeds may be adjusted while operating so long as doing so does not impair the operators ability to safely operate.
- When finished remove all salt from the Salt Bucket. Remaining salt may freeze and lock up the augers.



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## SALT BUCKET

### DISCLAIMER:

- Arctic is not responsible for any damages caused by or with the Salt Bucket.
- Arctic is not responsible for damage caused to the Salt Bucket or your machine due to improper installation or misuse of the machine and/or implement.
- Always be aware of your surroundings while operating the bucket. This bucket is capable of spreading salt in excess of 25 feet on either side.
- Be mindful of the location of the hose-whip, that it is not pinched, not over-extended, not rubbing on any continuously moving component of the machine, and that it is fully de-coupled before removing the bucket from the machine.
- The Salt Bucket includes a check valve and only allows hydraulic fluid flow in one direction. Prolonged fluid flow in the incorrect direction may cause damage to the bucket or machine.
- Disconnect both the hydraulic and electric circuits prior to performing any maintenance on the bucket. Install protective covers on connectors when not in use.
- Do not attempt to fill the bucket in one single scoop. The grates are designed to keep unwanted objects from entering the bucket.
- Do not interact with control panel while the machine is in motion.
- If equipped, use the scroll wheel or lever on your machine to gradually energize and de-energize the bucket hydraulics. Rapidly sending or cutting off fluid power will result in increased wear and violent operation of the spinners and augers.
- Do not connect or disconnect the Arctic Multi-X connector while hydraulic power is engaged on the machine. The connector MAY be disconnected under residual hydraulic pressure with ease.
- Always install the supplied protective covers on the Arctic Multi-X connectors when they are not coupled together.
- On compact loaders always check clearance between the bucket and the machine door. It is possible to contact door glass with the hydraulic manifold.

### WIRING INSTALL:

- Disconnect all electrical power to and from the machine.
- Connect the red (positive 12V) and black (negative ground) ring terminals to a power and ground source on your machine. It is recommended to utilize either a switched power or a switched ground to eliminate current draw when the machine is not in use.
- Route the 18-pin Display Connector into the cab of the machine and plug it in to the display.
- Mount the display in the cab of the machine within operator reach.
- Route the 8-pin Multi-X Connector to the front of the machine and secure near the Arctic Multi-X Quick Connect. Be certain the harness will not be damaged as the machine moves throughout its' full range of motion. Generally, following the manufacture's hydraulic routing is the preferred wiring path.
- For radial lift compact loaders ensure the Multi-X Connector wiring is routed around the pivot point, and along the arm of the machine.
- For vertical lift compact loaders route the Multi-X Connector wiring along the manufacture's hydraulic lines. Take note of any excess hydraulic hose the manufacture may have left to accommodate for the full reach of the machines arms. Leave a similar amount for the wiring.
- NOTE: The black switch (if equipped) and grey 3 pin connector located near the display plug are for diagnostic use only.

OPERATING VOLTAGE: **12VDC**    MAX CURRENT: 30 AMPS, TYPICAL: 15-20 AMPS    MAX OPERATING PRESSURE: 3,000PSI    MIN FLOW: 20GPM  
CAPACITY: 3 CUBIC YARDS STRUCK

**DO NOT CONNECT  
TO 24V POWER!**

