Control where & when you need it has been designed into every phase of the TC-131 spreader “ICE CONTROL SYSTEM” for maximum reliability. The Electronic Control Unit (ECU) may be mounted under the dash, or on the transmission tunnel for driver “fingertip” convenience. Power hookup for the system consists of attaching a supplied ENGINE compartment harness to the truck battery, and installing the supplied MOTORS wiring harness and plug receptacle plate from the ECU to the rear of the truck. Now plug in the D-ICER motors’ waterproof Packard-style connectors to the plug receptacles to complete the installation. The auger and the spinner are driven by high efficiency electric motors that have been carefully selected for this TruckCraft product to provide both power and reliability. Each motor can be controlled independently on the ECU so that material flow and spread pattern may be tailored for every application. With the advanced technology designed into the ECU, vehicle electrical system parameters and motor amp draw are displayed on the LED readout to let you know exactly what’s happening with your system.
TruckCraft’s TC - 131 D - ICER is a premier spreader made entirely of aluminum and stainless steel. The “Ice Control System” is designed to fit our TC - 121 Ultra Aluminum Pickup Dump Bed and, with adapters, other models and brands of pickup dump beds. The new TC - 131 is non-rusting and provides near “0” maintenance and operational costs. TruckCraft uses the highest grade of corrosion resistant aluminum available. All grade A or B - Aluminum Assoc. Standard for grades #6061 and #5052.

TC-131 consists of three independent components:
- Tailgate replacement assembly
- Spinner assembly
- Highly reliable electrical components

The D - ICER looks great for years and offers users the performance and convenience needed to produce a quick return on their investment. The unit will handle all free-flowing ice control materials, including sand, salt and aggregate up to 3/4” in diameter. Its low profile allows excellent operator visibility when plowing.

When your wintertime challenges include roads, driveways and parking lots that become covered with ice and snow, hook up your TruckCraft D - ICER and provide safe, clear thorofares in no time. After the initial installation (about three hours on the TC -121), loading the TC -131 on to your pickup dump insert can be completed in minutes with only one operator. Don’t let those flash snow squalls stymie your winter effectiveness. Serve your customers quickly with TruckCraft’s superior “Ice Control System”.

TC -131 Control offers operational flexibility

When the winter winds are howling TC-131 users can complete the entire spreading operation from the comfort of their truck cab. The lighted Electronic Control Module (ECU) may be mounted under the vehicle dash or on the transmission tunnel for easy driver viewing and accessibility. It provides completely independent, variable control of auger & spinner motor speeds, appropriate error codes to let you know the condition of all circuits, and a real-time readout of four critical operating parameters – Spinner & Auger motor amperage draw, vehicle battery voltage, solenoid voltage, and ECU circuit board temperature. Of course, motors & wiring are electronically protected by the ECU current & temperature sensing circuits. An automatic “Overdrive” or “Blast” feature senses a motor jam and tries a set number of times to clear the jam with maximum current before shutting down and flashing an error message to the operator.

Stainless Steel Auger Conveyor transports 10,000 lbs./hr. of material

The tailgate replacement assembly includes a stainless steel auger that effectively delivers the material to be spread to the driver’s side of the truck where it flows onto the spinner. The auger is mounted in non rusting, chemical industry type bearings and utilizes special seals that keep liquids from contacting the bearings. All of these features contribute to longer equipment life. The entire rust resistant assembly is made of aluminum and houses the auger and gearmotor. It has a hinged cover (shown in open position) that can be opened with two sliding-bolt latches to allow quick cleaning of the auger area if a material jam should occur.

Gear Driven Spinner Assembly distributes the material

The TC-131 spinner is located on the driver’s side so the application of material can be seen by the operator. This location also makes it easy to apply material to sidewalks. The spinner drop point is adjustable to provide different spread patterns. A wash-down grade motor typical of those used in the caustic chemical industry provides dependable spinner operation in harsh salt environments. The motor features a 303 stainless steel shaft, double-sealed bearings, is 100% coated inside and out, and is extra-protected from wheel-splash by an aluminum enclosure. A 90 degree gear drive doubles available torque and positions the motor horizontally for maximum road clearance. The spinner assembly is self-leveling, so does not require a link to the bumper, but remains level at all bed positions. The Spinner blades and disc are made of stainless steel for long wear-life.