



"Inject-a-Cure"

Ag Solution Injection System

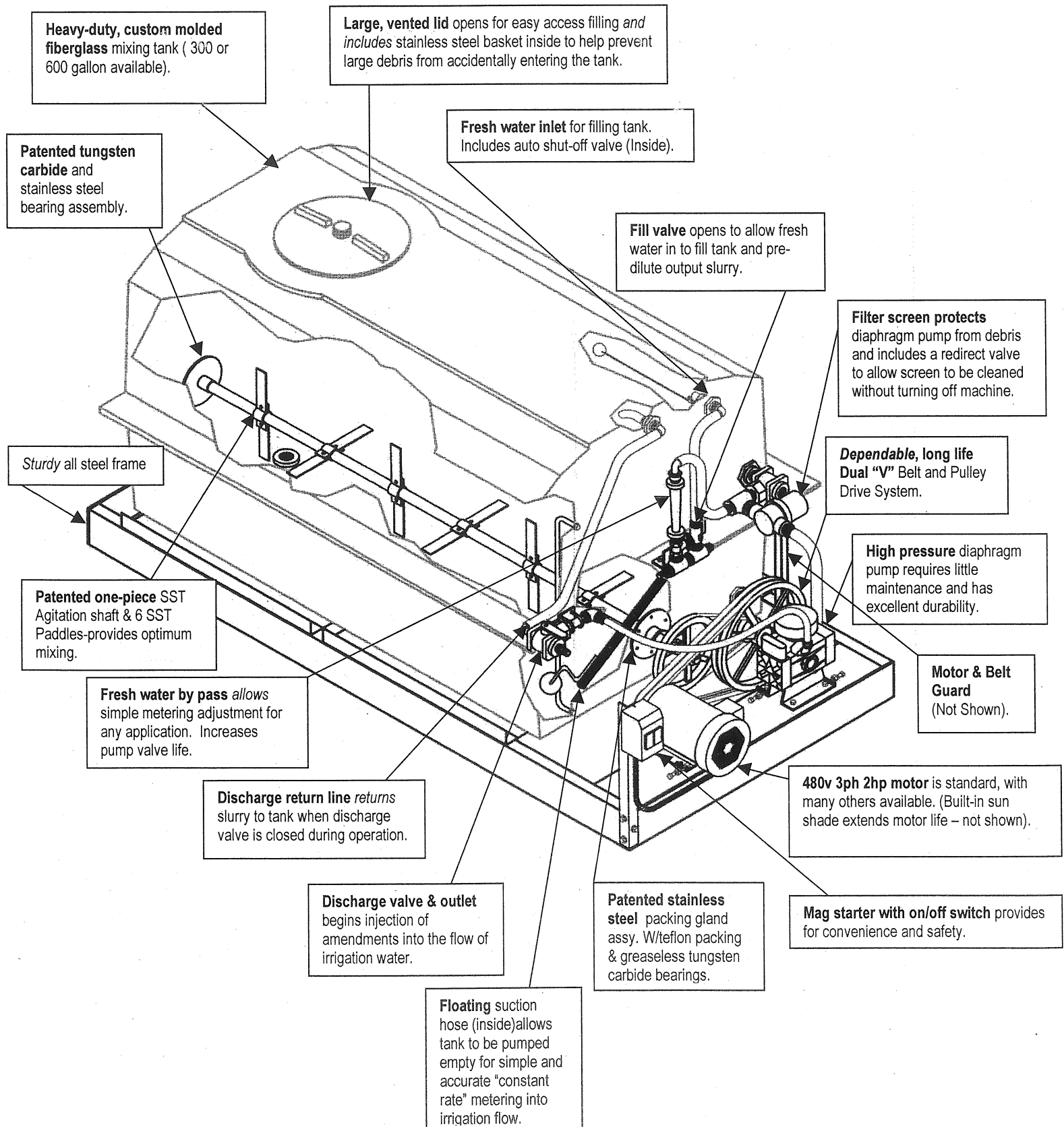
by SDI



The Ag "Inject-a-Cure" by SDI quickly cures water and soil problems by mixing water and solution grade gypsum and/or soluble soil amendments into an enriched slurry; which is injected into the irrigation watering system.

Inject-a-Cure Equipment *Features:*

AG MODEL IC300-6E2M and MODEL IC600-6E2M *Manual Controls*



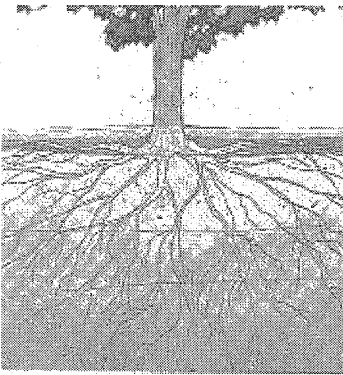
Inject-a-Cure Advantages:

- Manufactured by SDI and distributed through SDI's world wide Ag Dealer Net Work, providing professional – local service and repair.
- Designed specifically to handle abrasive solutions with a minimum of wear and very low service cycles.
- Horizontal, mechanical agitation with 1-1/4" stainless steel (one piece) shaft and six stainless steel paddles (equally opposed), provides optimum mixing.
- Patented tungsten carbide agitator bearings are grease free and maintenance free – other bearing systems may require daily greasing or use high-maintenance gearboxes.
- Electrical magnetic starter box with external on/off for easy start up.
- Easy calibration via the adjustable fresh water flow meter also saves wear on pump valve, because the fresh water is injected directly into the pump suction just prior to the pump.
- SDI's simple, trouble free 1" floating suction assembly provides optimum results without the problems and high maintenance of the large, bulky quiescent zone extractor type of suction assembly.
- Dual "V" Belt pump drive, as used on the "Inject-a-Cure", is trouble-free and lower maintenance than a gearbox type drive.
- Safety shut off ball float on tank fresh water inlet prevents tank over-flow.
- Long life, heavy-duty custom molded fiberglass tank with white gel coat exterior. Select either 300 or 600 gallon size.
- Proven high pressure, 6 GPM diaphragm pump, very reliable, low maintenance.
- 2 HP 240/480 Volt, 3 PH electric motor – has adequate power to power the "Inject-a- Cure" efficiently.
- Fiberglass belt guard and motor weather shield is standard.

The SDI "Inject-a-Cure" Solution System

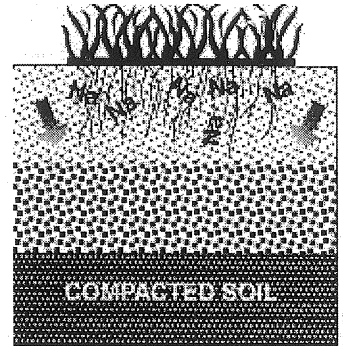
Using the Inject-a-Cure to apply various amendments into irrigation water, helps *cure* many water and soil problems:

Unhealthy Tree/Vine

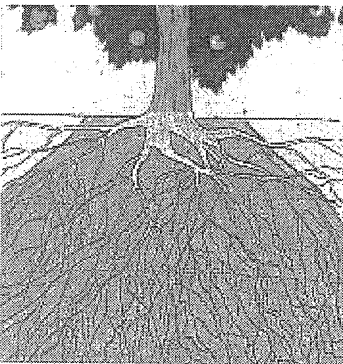


The use of calcium deficient or poor quality effluent water high in sodium causes poor crop/plant production and quality.

Unhealthy Turf Grass

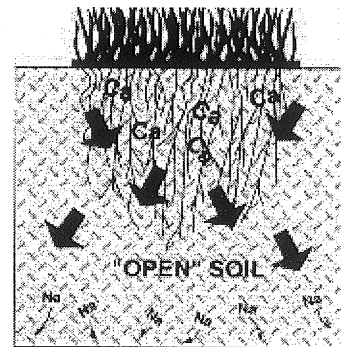


Healthy Tree/Vine



Use the "Inject-a-Cure" to treat your irrigation water with gypsum and greatly *improve* crop/plant production and quality.

Healthy Turf Grass



Gypsum, one of the many amendments applied through the SDI "Inject-a-Cure" Modifies soil alkalinity, Lowers high PH – *improves* acid soils, Raises low PH – leaches harmful sodium from the soil – Creates improvement in overall soil structure and tilth – *Decreases* compaction, hard pan or wet spots – Provides calcium sulfate, a much needed soil nutrient – and because of all of the above, gypsum *promotes decreased* water usage resulting in water savings.

Other Soil Amendments used in the Inject-a-Cure:

Ammonium Sulfate	-----Nitrogen & Sulfur
Calcium Nitrate	-----Nitrogen & Calcium
Limestone	-----Calcium
Humic Acid	-----Organic Acids
Iron Sulfate	-----Iron & Sulfur
Magnesium Sulfate	-----Magnesium & Sulfur
Potassium Nitrate	-----Potassium & Nitrogen
Potassium Sulfate	-----Potassium & Sulfur
Micronutrients	-----Copper, Iron, Maganese