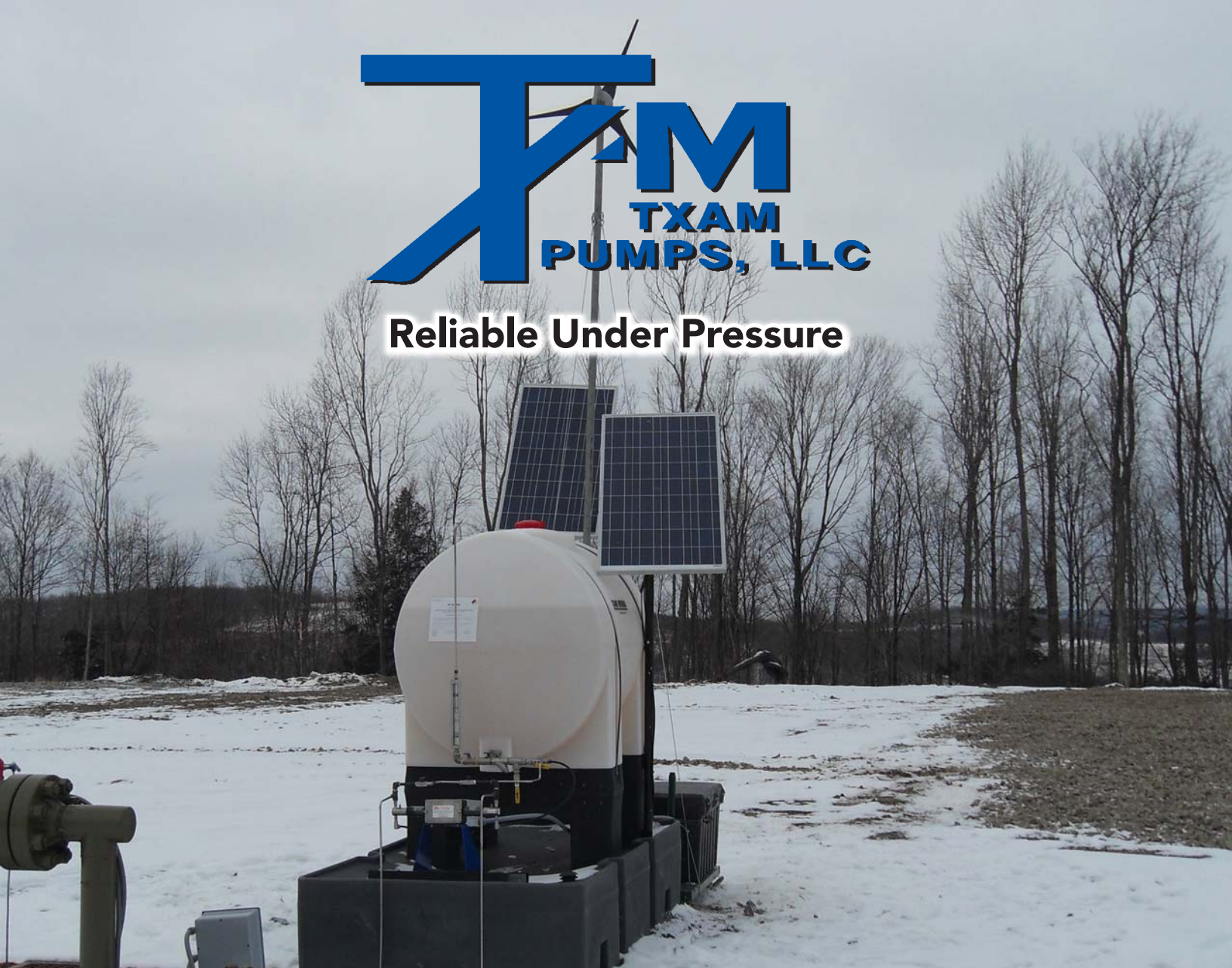


Reliable Under Pressure



*Chemical Injection
Solutions and Supplies*

PO Box 38622 • Houston, TX 77238

Office 713.692.6400
Fax 713.692.6401

sales@txampumps.com



txampumps.com

HBT Series Solar Pumps

Models HBT1, HBT2 12 Volt DC Rugged & Reliable

- Environmentally Friendly
- No Venting of Marketable Gas
 - *Replaces costly gas driven pumps*
- Low Cost of Ownership
- Standard 316SS Heads
- Plunger Stroke Adjustment
- Standard V-Ring Packing
- Bleeder Valve On Head
- On/Off or Continuous Injection
- Single or Double Headed
 - *Pump two chemicals with 1 pump at different rates*
 - *Eliminates cost of 2nd pump*
- Low Maintenance
- Wired & Ready For Installation

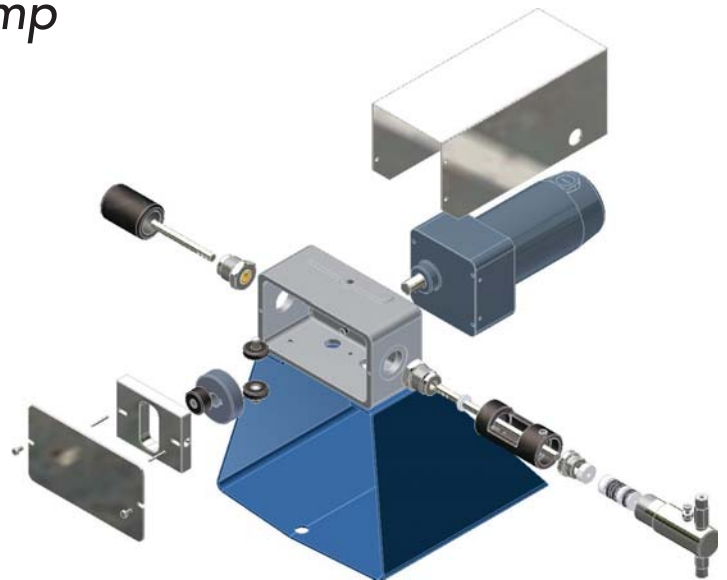


SPECIFICATIONS

Maximum Pressure: 5,000 PSI/345 Bar

Plunger Sizes: 1/4", 3/8", 1/2"

Output GPD/LPD: 200+/750+



TXAM Smart Timer

- Control Injection Frequency & Duration
- Monitors Voltage To Prevent Battery Damage
- Solid State Circuitry - No Mechanical Relay
- Explosion-Proof Available



Explosion Proof Solar Pump

Model HBTEXP

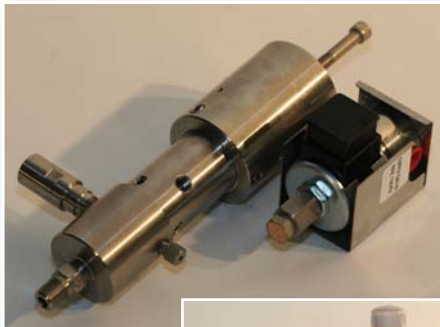


- Class 1, Division 1, Groups A,B,C,D
- Same Features as Non-Explosion Proof Models
- Timer Also Meets Requirements For Hazardous Environments
 - *Inline fuse required*

Solar-Pneumatic Pump

Model SP

- All Stainless Steel Construction
- Injections Controlled by Electronic Timer
 - *Provides consistent injection rate regardless of fluctuations in gas pressure*



*Pumps ounces per day up to 15 gallons
20:1 pumping ratio*

Retrofit Kit

- Convert most any gas powered pump to the electronic timer for more precise injection rates.



AC Powered Pumps

Models HBT1-AC, HBT2-AC

110 Volt AC

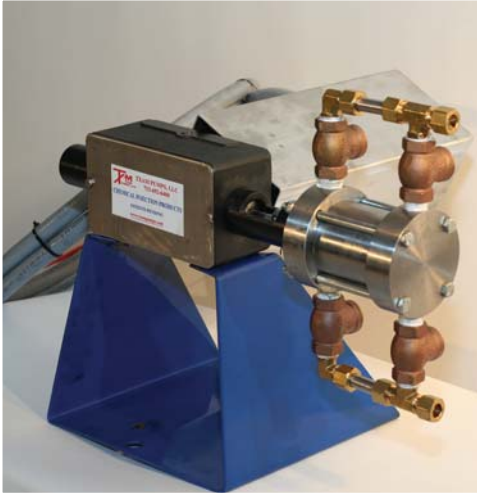


- Rugged Metal Construction
- Standard SS Heads
- Same Features as Solar Models
- Max Pressure 5000 PSI
- Volumes from 1 Pint to 100+ gpd from single pump
- Digital Timer

**Explosion Proof Model Available*

Circulator / Heat Trace Pumps

Model HBC1, HBC2



- Available as Solar or AC Powered
 - *Explosion Proof Available*
- Designed to Pump Against Minimal Pressure
- Displaces Up To 4 Gallons Per Minute



Pump Accessories



TXAM Smart Timer with Ambient Air Temperature Sensor

- Prevents unnecessary use of methanol on Warm Days
- Operator Sets On & Off Temperature
- Solid State Circuitry - No Mechanical Relay

Pulsation Dampener



- Install In Discharge Line To Get Continuous Injection
- Perfect for H₂S Injection
- Must Be Charged for Working Pressure

High-Pressure Filters



- 100 Micron Screen Helps Prevent Clogging Atomizer Tip
- Designed For Pressures Up To 5,000 PSI
- Ideal For Capillary Injection

Atomizers & Coupon Holders



Max. 1500 PSI
14 1/2" depth



Max. 1000 PSI



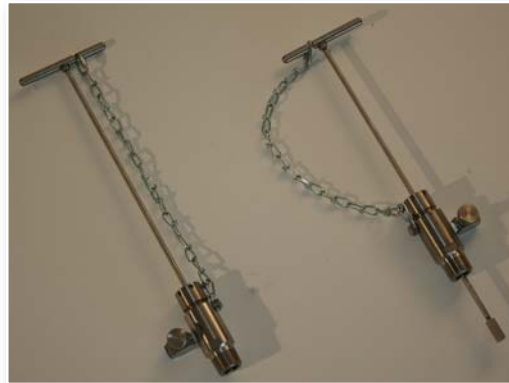
Atomizers

- Standard Stainless Steel Construction
- For Use In Continuous Working Pressure
- Push Down & Crank Down Models Equipped with

Standard 1" MNPT Injection Body

- Standard Tubing is 3/8" OD x .065 Wall Thickness
- Stationary Injection Quills Available

**Call for non-standard atomizing tips matched specifically to your pressure & volume needs*



Coupon Holders

- Retractable & Designed to Monitor Systems While Under Working Pressure
- Custom Rod Sizes Available
- Standard 1" MNPT Connection
- Adjustable Stuffing Box
- Crank Down Model For Higher Working Pressure



Other Parts & Accessories



Ball Valves, standard port, locking handle, 316SS, 1000 PSI

1/4" 1/2" 3/4"



Pipe Nipple, Schedule 40, SS, 150 PSI



Line Check Valves, 1/4" NPT, 316SS

6,000 PSI 10,000 PSI

Pressure Gauges, 2" dial face, SS

Pressure Gauges, 4" dial face, SS

Needle Valves, 1/4" NPT SS

6,000 PSI 10,000 PSI

Y-Strainers, 613 SS, 300 PSI

1/4" 3/4"

Hex Reducer Bushing, SS, 150 PSI

90 Elbow, Schedule 10, NPT SS, 150 PSI

Tee, Schedule 10, NPT SS, 150 PSI

Tube Fittings, 316 SS, Double-Ferrule

1/4" & 3/8" connectors, elbows, tees, unions

Fluid Measurement Sight Gauges



Capillary Filters, 316 SS, 100 micron screen, 5000 PSI

1/4" NPT

Pulsation Dampeners for continuous injection



10000 LINE CHECK
MXF



10000 LINE CHECK
FXF



6000 LINE CHECK



HIGH PRESSURE
FILTER



High Volume / Custom Applications

- High Volume/High Pressure Skids
- Test Trailers



TXAM Pumps, LLC presents this information in good faith and believes it to be accurate but does not, however, guarantee results based upon such information. TXAM Pumps, LLC reserves the right to change the design or specifications of these products without notice

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PATENTS PENDING

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08/2009