

TXAMPumps

# HBT-BLDC

The HBT-BLDC is a Class 1 Division 2 chemical injection pump is available in a variety of head configurations. Combined with our assortment of plunger sizes, the HBT-BLDC series pump will allow you to precisely control your injection rates.

The HBT-BLDC series, along with the compatible controller, carries the CID2 certification for hazardous use locations. Stainless steel wetted parts are utilized to ensure long lasting dependability in the most corrosive of environments, and built to help eliminate problems at the wellhead or pipeline.

*Please contact your local TXAM sales representative for more details.*

## Max Pressure: 5000 PSI/400 Bar 740 GPD to 2800 GPD

- Various head configurations
- Pumps multiple chemicals at separate rates
- Stainless Steel head assembly
- Stainless Steel pump housing
- Multiple rate control options
- Adjustable V-ring packing

**ZERO**

Gas Emissions

**LOW**

Cost of Ownership

**FAST**

Return On Investment

## SPECIFICATIONS:

### PUMP

Single or Double head*
Stainless Steel or Other Material
1/4" FNPT Connections
3/16", 1/4", 3/8", 1/2", 1"
Various Plunger Materials & Coatings
3-Position Adjustable Displacement
Bleeder Valve

\*More head configurations available

### MOTOR

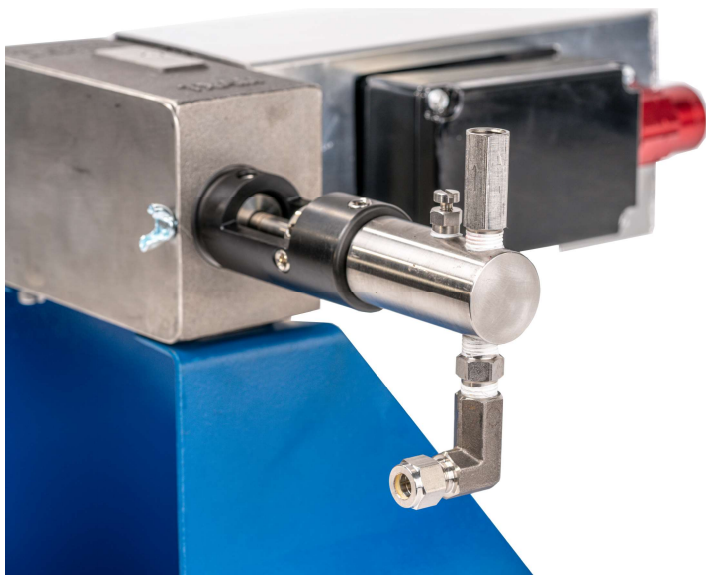
12v DC
3 PH
16 AMPS
1/5 HP
67 RPM
150 Lb-in Torque
Ratio: 43:9:1

### TXAM CONTROLS

SPC 1000*
UPC
TSP 600N*

\*Requires TXAM BLDC Driver Board

Plunger Size	3/16" (0.1875)			1/4" (.25)			3/8" (0.375)			1/2" (0.50)			1" (1.00)		
Pin Position	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
Plunger Cross Section Area (in <sup>2</sup> )	0.0276			0.0491			0.1104			0.1963			0.7854		
Stroke Lengths @ Different Positions	1.123	0.872	0.622	1.123	0.872	0.622	1.123	0.872	0.622	1.123	0.872	0.622	1.123	0.872	0.622
Displacement Per Stroke (Cubic Inches)	0.031	0.0241	0.0172	0.0551	0.0428	0.0305	0.124	0.0963	0.0687	0.2204	0.1712	0.1221	0.882	0.6849	0.4885
Displacement Per Stroke (Fluid Ounces)	0.0172	0.0133	0.0095	0.0305	0.0237	0.0169	0.0687	0.0534	0.0381	0.1222	0.0948	0.0677	0.4887	0.3795	0.2707



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