

SUREFIRE™ HEATING SYSTEM

A super efficient heating system designed to save you time and money

The Helix FR28's advanced heating system provides direct heat starting the instant material enters the block heater and continuing all the way to the gun.



SureFire™ Block Heater

Patented High Efficiency Aluminum Mass Heater

Wrap around design provides over 30 seconds of dwell time

- Both chemicals share the heat
- Greater surface area to heat chemical
- Longer dwell time versus competitive one pass design
- Two independent coating channel ports
- Internal helixer's to increase coating heat transfer

Heating rod completely isolated from the coating

- No failure from chemical
- No failure from exposure to air when run dry
- Change power or repair without opening the system
- Stacked heat block design (3 blocks standard)
- 6 kW standard (2,000 watts per block heater)
- Total 10.4 kw for Heater Block + Heated Hose at 200'(60m)
- Heat with less power
- Requires a smaller generator than competitive units, yet has a larger heat delta.



SureFire™ Hose Heater

- Actively controls temperature at the gun
- Heating element in the hose provides direct heat: Adds heat all the way to the end of the hose
- True material temperatures sensed right out to the spray gun

ADDITIONAL ACCESSORIES



Transfer Pumps

- 1:1 and 2:1
- 55 gallon
- Bung mount
- Built to fit a 6' 7" trailer

1:1 Stainless Steel 138762
2:1 Stainless Steel 138760

PMC AP2 Spray Gun 138799

- Proven reliability
- Spray, blast and pour nozzles available
- 10-40 lb. operation
- Lightweight and compact
- Modular design for ease of maintenance



THE INDUSTRY'S STRONGEST WARRANTY

Our Helix FR28 is the industry's most advanced Proportioner, so it is only fitting that the warranty be just as impressive. We stand behind our product a year longer than anybody else in the industry. To top it off, we guarantee our Titan motors for up to 4 years. So, if you are not only seeking a machine that will get the job done efficiently but also a team of support, Titan Helix is the choice for you.

TWO-YEAR
DEFECTS
WARRANTY

We warrant that our system is free from defects in materials and workmanship for two years. Does not apply in the case of damage caused by abrasion, corrosion, misuse, negligence, accident, faulty installation, substitution of non-Titan component parts or tampering with the unit in a manner to impair normal operation. Excludes normal wear items and consumables such as, filters, pistons, packing's, tips, etc.

FOUR-YEAR
MOTOR
WARRANTY

We warrant that our motor is free from defects in materials and workmanship for four years. If the motor fails for any reason (including wear) in the first 4 years of ownership; we will replace the motor at no cost to you.



Call Technical Services at
1-844-458-1215
for complete warranty information.

All information contained in this brochure is based on the latest information available at the time of printing. Titan reserves the right to make changes at any time, without notice. Due to continuous innovation, specifications may progressively change. Contact one of our dependable sales reps or call our dedicated customer service team for more information.



INNOVATIVE PERFORMANCE MADE SIMPLE

THE INDUSTRY’S BEST RATIO ACCURACY, TEMPERATURE CONTROL AND PERFORMANCE

WITH THE INDUSTRY’S STRONGEST WARRANTY

The Helix FR28 provides unmatched accuracy and heating efficiency. The key features provide balanced pressure, less wasted material and direct heat from the system all the way to the gun. With a user-friendly design – allowing for simple operation and inexpensive maintenance – the FR28 offers better results and increased ROI.

Smart Connect Dual Pump System


- Delivers equal amounts of the A and B component increasing yield and chemical performance
- Improves accuracy by 3-5%
- Independent priming and flushing

First Electronically Controlled Dual System Proportioner

- Continual communication between pumps
- Synchronizes ratio infinitely per motor revolution

33% Lighter Than Most Comparable Equipment

Available in Single Phase, 48 Amp
Standard with 1 Phase, 50 Amp



MULTIPLE APPLICATIONS

The Helix FR28 is designed to spray two component open/closed cell foam insulation and polyurea/hybrid coatings for:

- RESIDENTIAL
- COMMERCIAL
- INDUSTRIAL

TITAN HAS JUST TAKEN DUAL COMPONENT APPLICATORS TO THE NEXT LEVEL

Delivering performance, durability and innovation never before seen in an electronically controlled dual pump proportioning system

Features and Benefits

Integrated Electronic Proportioning
Proprietary system synchronizes both pumps to maintain an ultra-accurate ratio.

SureFire™ Heating Technology
“Soft Heat Concept” guaranteeing even heat distribution plus the fastest, ramp-up heat time, all without material recirculation.

Concept:

- When using properly conditioned material drum temperatures (according to manufactures specification)
- SureFire Block Heater elevates both materials temperature’s to the proper heated condition.
- SureFire Hose Heaters independently finish rapid heating of both materials, with precision temperature sensing right up to the spray gun.
- SureFire Heater Block has 6,000 watts of power, SureFire Heated Hose Has 4,400 watts of power, combined SureFire Heating System power 10,400 watts.

SureFire™ Block Heater
Maximizes surface area and dwell time for heater efficiency and maximizes the time in the heater. More time and surface area means more efficient heating.

SureFire™ Hose Heater
Heats the coating all the way from the block heater to the end of the hose. Additionally, the temperature can be adjusted at the gun where it matters most.

Wire Into Shore Power Or Generator
Comes with system Plug-in connector. Recommended: Power cord 6 AWG, 4 wire (cord not included)

Lightweight and Compact Design
33% lighter than most comparable equipment.

Patented Self Adjusting Packings

Delivers high performance and longer life.

EasyOut™ Fluid Section

Change fluid section on-site in minutes and reduces downtime to keep you spraying.



SPECIFICATIONS		Helix FR28
Max. Pressure		3200 PSI (22.0 MPa)
Max. Material Temp.		180° F (82° C)
Output		28 lbs/min (12.7 kg/min)
Hose Length		Standard with 200' (60 m)
Footprint		30" x 27" x 37" (76.2 cm x 69 cm x 93 cm)
Weight		273 lbs (123 kg)
Electrical Supply		230 V, 1 Phase, 50 amp 6,000 watts block heater 4,400 watts hose heater 6,600 watts motor pumps
Part No.		2407046