

AXI STS 7000 P-35

Enclosed Fuel Maintenance System

The STS 7000 P-35 is a programmable, fully automated, fuel maintenance system that removes water, sludge, and other contaminants from fuel storage tanks. Once installed, the STS 7000 P-35 system operates in coordination with an external pump to passively filter out contaminants from the passing fuel. The system's fuel polishing process stabilizes diesel and bio-fuels, eliminates microbial contamination, and ensures fuel remains clean. The STS system's NEMA 4 rated enclosure allows for both outdoor and indoor installations by protecting the system from windblown dust and rain, hose directed water,



STX 7000 P-35 FEATURES:

- Touchscreen Controller
- Fully Automated and Programmable Operation
- Integration with External Monitoring Systems
- Unique Safety & Alarm Features
- System Upgrade Options

For safe operation, the STS 7000 P-35 is equipped with alert indication to notify users of when the system requires servicing.

STX 7000 P-35 SPECIFICATIONS:

Nominal Flow Rate	30 GPM/1800 GPH (113.6 LPM/6,814 LPH)
Primary Filter	1, 5, 10 or 25 μ Coalescing Filter Element
Secondary Filter	3, 10 or 25 μ Fine Filter or 3, 10 μ Water Block
Fuel Conditioner	LG-X 4000 Inline Magnetic Conditioner
System Controller	TSC80 Touchscreen Controller with Safety and Alarm Features
Power	120V/60Hz/1Ph, 230V/50Hz/1Ph, or 208-230V/60Hz/1Ph
Plumbing	Black Iron
Ports	1.5" NPT In, 1.5" NPT Out
Enclosure Cabinet	NEMA 4 Rated Powder Coated or NEMA 4X Rated Stainless Steel
Dimensions	\approx 56" x 72" x 17" (H x W x D) (142 x 183 x 43 cm)
Weight	\approx 404 lbs (183.3 kg)
Not for use with fluids that have a flash point below 100°F (37.8°C).	

REPLACEMENT FILTER OPTIONS:

Primary Filter	Part No.
1 μ Coalescing Filter Cartridge	FBO-60336
5 μ Coalescing Filter Cartridge	FBO-60337
10 μ Coalescing Filter Cartridge*	FBO-60356
25 μ Coalescing Filter Cartridge	FBO-60338
Secondary Filters	Part No.
3 μ Water Block Filter	WB-3
10 μ Water Block Filter	WB-10
3 μ Fine Filter*	FF-3
10 μ Fine Filter	FF-10
25 μ Fine Filter	FF-25
3 μ X-Glass Media Fine Filter	FFZ-3

*Standard-issue filter element unless requested otherwise



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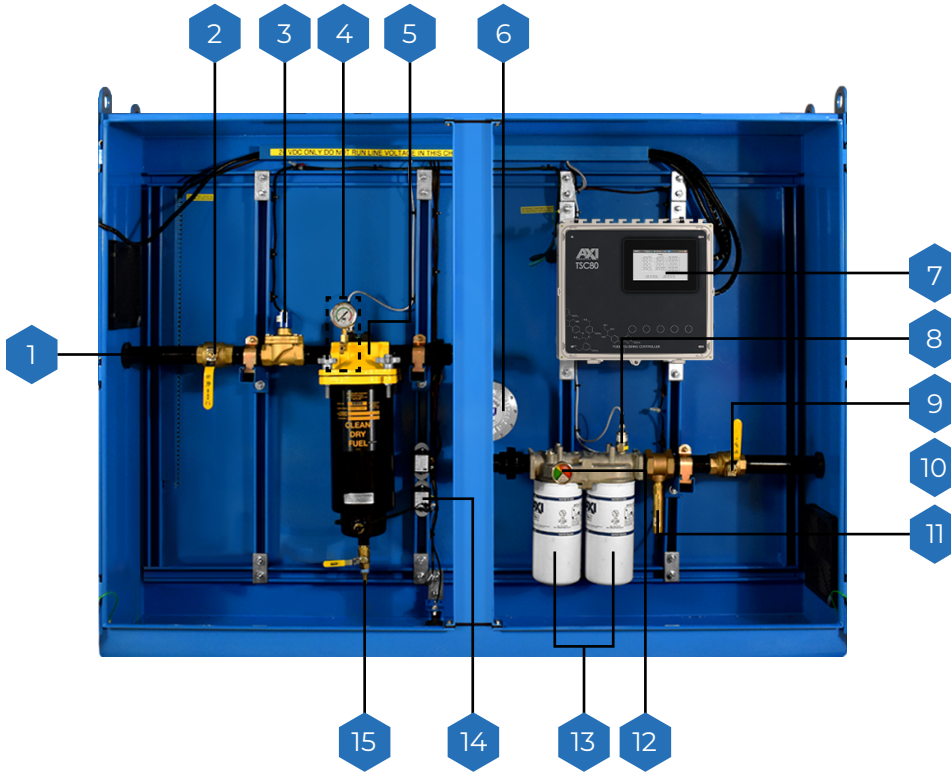
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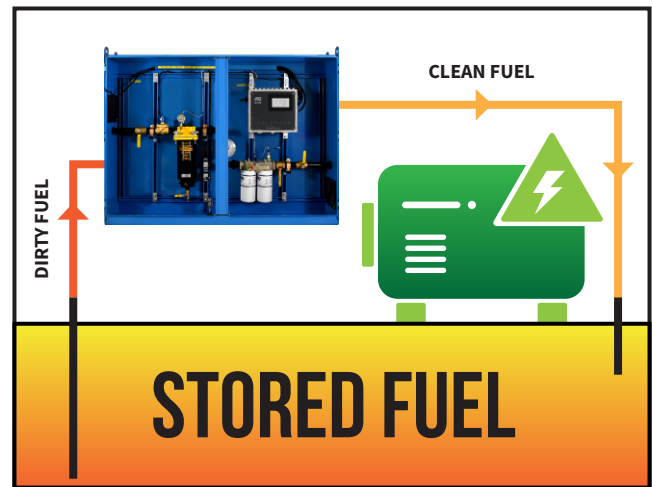
1. Fuel Inlet (From Tank)
2. Inlet Ball Valve
3. Inlet Solenoid Valve
4. Pressure Gauge and Transducer
5. Primary Filter Housing
6. Fuel Conditioner
7. Smart Filtration Controller
8. Pressure Transducer
9. Outlet Ball Valve
10. Fuel Outlet (To Tank)
11. Flow Switch
12. Pressure Gauge
13. Fine Filters
14. Water Detection Alarm Module
15. Filter Housing Drain Valve

STS 7000 P-35 SYSTEM OPTIONS:

NEMA 4X Rated Enclosure	Gain additional protection against corrosion with a stainless steel enclosure
Enclosure Heater	Prevent the build up of condensation inside the system enclosure due to temperature changes
Auto Water Drain (AWD)	Automatically drain water separator of collected water for decreased frequency of maintenance
Pressure Transmitter	Replace standard pressure switch for detailed monitoring of pressure levels in the system
Flow Control	Control fuel flow rate within the system

System upgrade may be required for certain combinations of options - See controller specification sheet for more details

STS SYSTEM INTEGRATION:



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