

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 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 | 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). | |

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.

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 |

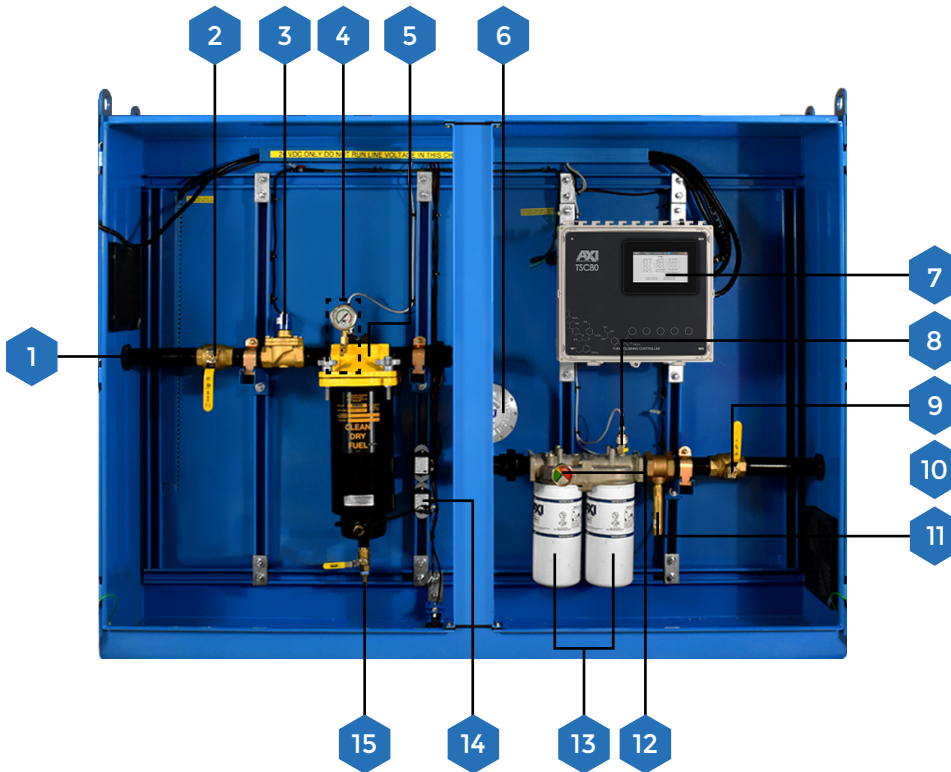
| Secondary Filters | Part No. |
|-----------------------------------|----------|
| 3 μ Water Block Filter | WB-3 |
| 10 μ Water Block Filter | WB-10 |
| 3 μ Fine Filter* | FF-3 |
| 10 μ Fine Filter | FF-10 |
| 25 μ Fine Filter | FF-25 |
| 3 μ X-Glass Media Fine Filter | FFZ-3 |

*Standard-issue filter element unless requested otherwise



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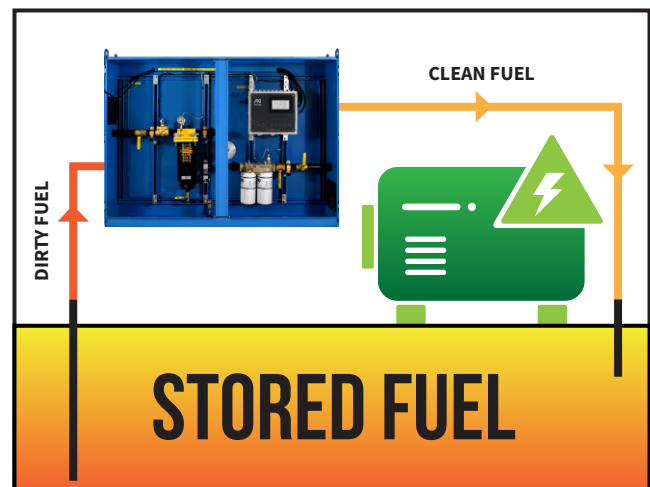
- 1. Fuel Inlet (From Tank)
- 2. Inlet Ball Valve
- 3. Inlet Solenoid Valve
- 4. Pressure Gauge and Transducer
- 5. Primary Filter Housing
- 6. Fuel Conditioner
- 7. Smart Filtration Controller
- 8. Pressure Transducer
- 9. Outlet Ball Valve
- 10. Fuel Outlet (To Tank)
- 11. Flow Switch
- 12. Pressure 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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