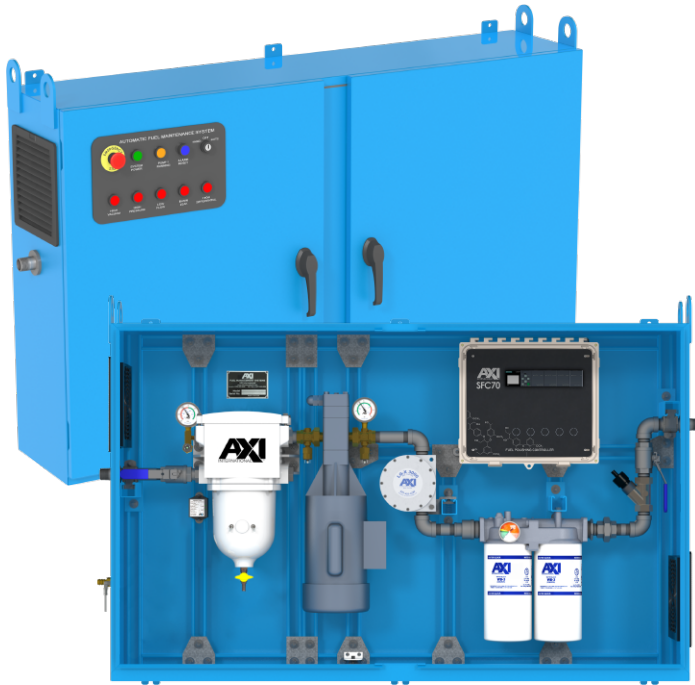


AXI STS 6010

INTERNATIONAL Enclosed Fuel Maintenance System

The STS 6010 is a programmable, fully automated, fuel maintenance system that removes water, sludge, and other contaminants from fuel storage tanks. Once installed, the STS 6010 system operates independently to ensure fuel reliability through routine fuel filtration. 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, and ice formations.



◆ STS 6010 SPECIFICATIONS:

| | |
|--|--|
| Nominal Flow Rate | 10 GPM/600 GPH (38 LPM/2,271 LPH) |
| Primary Filter | 10 or 30µ Particulate or 60µ Stainless Steel Screen with Centrifugal Water Separator |
| Secondary Filters | 1, 3, 10 or 25µ Fine Filter or 3, 10µ Water Block |
| Fuel Conditioner | LG-X 3000 Inline Magnetic Conditioner |
| Pump | 3/4 HP Spur Gear Pump |
| System Controller | SFC70 Smart Filtration Controller with Safety and Alarm Features |
| Power | 120V/60Hz/1Ph or 230V/50Hz/1Ph* |
| Plumbing | Black Iron |
| Ports | 1" NPT In, 1" NPT Out |
| Enclosure Cabinet | NEMA 4 Rated Powder Coated or NEMA 4X Rated Stainless Steel |
| Dimensions | ≈ 37" x 60" x 12" (H x W x D) (94 x 152 x 31 cm) |
| Weight | ≈ 513 lbs (233 kg) |
| Not for use with fluids that have a flash point below 100°F (37.8°C). | |

*At 50 Hz, nominal flow rate decreases from 10 GPM to 8 GPM

◆ STS 6010 FEATURES:

- Smart Filtration Controller
- Fully Automated and Programmable Operation
- Integration with External Monitoring Systems
- Unique Safety & Alarm Features
- Continuous-Duty Pump, Viton Seals
- System Upgrade Options

For safe operation, the STS 6010 is equipped with an automatic pump shut-down feature and alert indication to notify users of when the system requires servicing.

◆ REPLACEMENT FILTER OPTIONS:

| Primary Filter | Part No. | Secondary Filters | Part No. |
|-----------------------|----------|------------------------------|----------|
| 10µ Filter Cartridge | 01010 | 3µ Water Block Filter | WB-3 |
| 30µ Filter Cartridge* | 01030 | 10µ Water Block Filter | WB-10 |
| 60µ Filter Cartridge | 01060S | 3µ Fine Filter* | FF-3 |
| | | 10µ Fine Filter | FF-10 |
| | | 25µ Fine Filter | FF-25 |
| | | 3µ X-Glass Media Fine Filter | FFZ-3 |

*Standard-issue filter element unless requested otherwise



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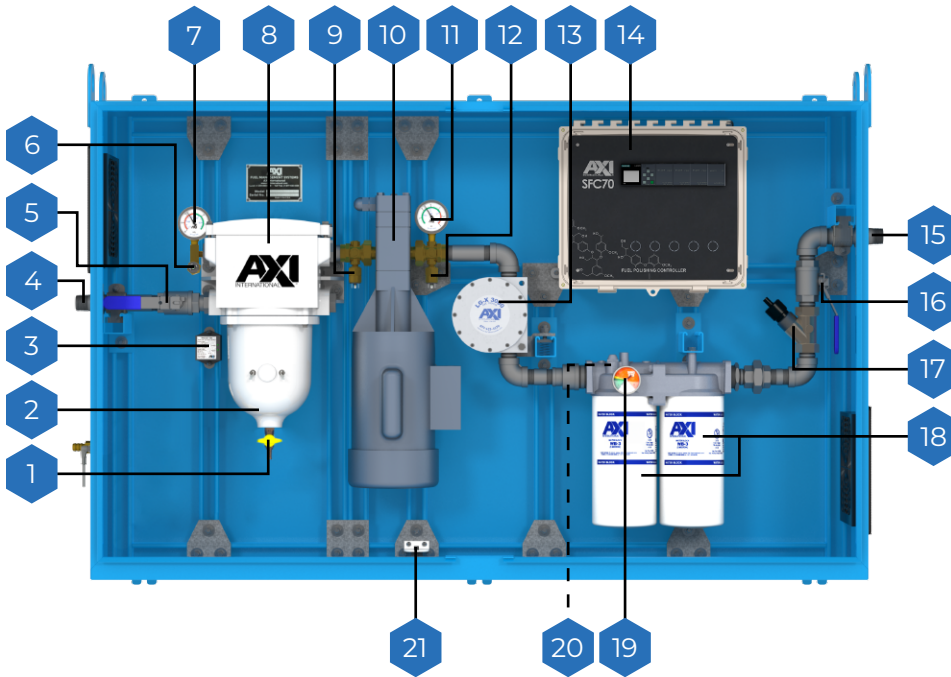
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AXI STS 6010

Enclosed Fuel Maintenance System

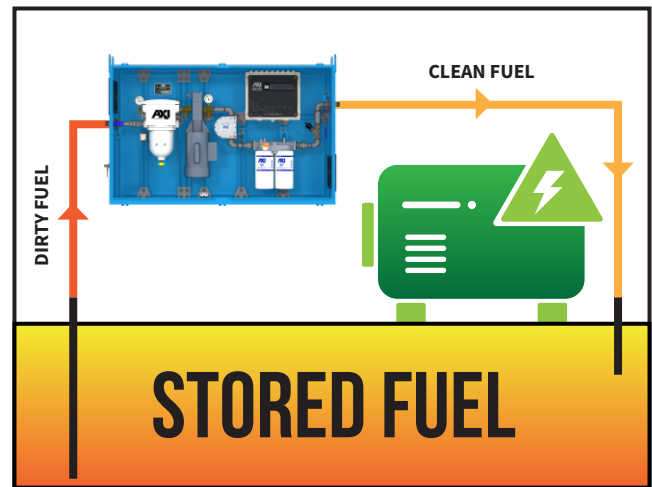


1. Drain Valve
2. Water Collection Sump
3. Water Detection Alarm Module
4. Fuel Inlet (From Tank)
5. Inlet Ball Valve
6. Vacuum Switch
7. Vacuum Gauge
8. Primary Filter/Water Separator
9. Vacuum Switch
10. Motor with Coupled Gear Pump
11. Pressure Gauge
12. Pressure Switch
13. Fuel Conditioner
14. Smart Filtration Controller
15. Fuel Outlet (Discharge)
16. Outlet Ball Valve
17. Flow Switch
18. Fine Filters
19. Pressure Gauge
20. Pressure Switch (Not Visible)
21. Leak Detector

STX 6010 SYSTEM OPTIONS:

| | |
|--------------------------------------|---|
| NEMA 4X Rated Enclosure | Gain additional protection against corrosion with a stainless steel enclosure |
| Manual Additive Injection | Manually draw additive into the polisher with a dedicated supply port and ball valve |
| 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 Transmitter | Replace standard flow switch for detailed monitoring of flow rate in the system |
| Multi-Tank Polishing/Transfer | Polish and transfer fuel between multiple fuel storage tanks |
| Fuel Heater | Warm up circulated fuel to resist gelling in freezing temperatures |

STX SYSTEM INTEGRATION:



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



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