

Modec

CBRN APPARATUS

**Complete Decon Vehicles for
Chemical, Biological,
Radiological and Nuclear
Response and Mitigation**



The Leading Developer of Total CBRN Tools

Advanced Applications and Components:

Chem/Bio Decontamination and Mitigation - Sandia Foam

- Patented Modec MDF-200® for Chem/Bio Warfare agents
- Bio/Chem Decontamination registered with the US EPA
- Licensed by Modec from the US Department of Energy
- Effective against a broad range of WMD, anthrax and toxants

Radiological and Nuclear Mitigation/WMD Simulants

- Integrates Raddecon™ Decontamination Solutions for surface and personal decontamination resulting from nuclear exposure
- Licensed WMD training simulants patented by the US Army

International Truck Chassis

- Features International Truck vehicles recognized world wide as the leader in military and emergency response apparatus
- Features advance electronics and SATCOM capabilities
- Integrates Command and Communications for Hazmat
- Class 6 Vehicle does not require special CDR



High Quality Design and Construction

- Multiple layouts available including Trailers and Skid mounted systems for hospitals and EMS units
- Incorporates Command and Control Centers
- Fully self-contained with onboard power from ONAN
- Emergency rapidly deployable shelters
- Integrates heated injection systems from Modec, Inc.
- Proprietary exterior design for maximum throughput and operational tempo and processing
- Unique patient handling systems for stretcher born patients. Proprietary rear-gate lift system.

Total Consequence Management Capability and Support

Modec, Inc., Denver, Colorado 1-800-967-7887

www.deconsolutions.com/sales@deconsolutions.com

Modec Decon Apparatus

Chemical, Biological, Radiological and Nuclear

SUMMARY SPECIFICATIONS:

- **Mass Casualty Decontamination Capable for Chem/Bio, Hazardous Materials, Radiological and Industrial Chemical Toxants**
- **2009 Freightliner M2 106, Cummins ISC – 300 HP; 860 LB/FT Engine, Allison 3000 RDS Automatic Transmission, 33,000 GVWR**
- **Automated Pendant Control Lift System (1,600 lb. capacity); Thieman TVL-16A, oversized 80” x 96” extended platform**
- **Automated Over/Under Spray Roller System for Ambulatory Patients and interior/exterior processing capabilities**
- **Dosmatic A20 automatic decon solution induction system, utilizes tempered warm water for delivery to eight ports (6 in, 2 outside)**
- **Gender separation for the interior of the decon unit**
- **Individual sloped decon basins for each internal shower**
- **Electronically Controlled Intellifaucet Thermostatically controlled temperature valves and Over 1 Million BTU's of heating capacity without any recovery time. Six inside, six exterior ports.**
- **Automated Water Pressure Controller with curb and street side inputs. Automatically initializes upon low flow conditions**
- **Onan Diesel 12 kW Genset, exhaust connected to vehicle vertical exhaust system, fuel input through vehicle tanks. Mounted in vehicle skirting.**
- **NFPA 1901 Compliant Federal Signal Lighting Package – Whelen LED package specified by DFW. Includes Sirens, rear mounted traffic advisor and AOA lights.**
- **PTO Driven HVAC system, 35,000 BTU Cooling, 20,000 BTU heating.**
- **Scene Management/Control area mounted with cab access.**
- **Wilburt Night Scan Scene Light – VRT-6000/Optimum 220, mounted toward rear, four light set with automated controls**
- **10 Raven Decon Stretchers**
- **100 gallon waste tank with electrical drain pump**
- **Exterior berm with submersible pump**
- **Completely Outfitted for Total Consequence Management Response**

