Mobile Surgical Suite

Rapidly Deployable Medical Infrastructure

EMERGENCY SUPPORT (24/7) 800.776.0403
5225 JOHNSON RD, COCONUT CREEK, FL 33073
FORTSLOGISTICS.COM

➤ BUILT FOR EMERGENCIES, OUTAGES & OVERFLOWS



SCAN WITH MOBILE TO DOWNLOAD BROCHURES

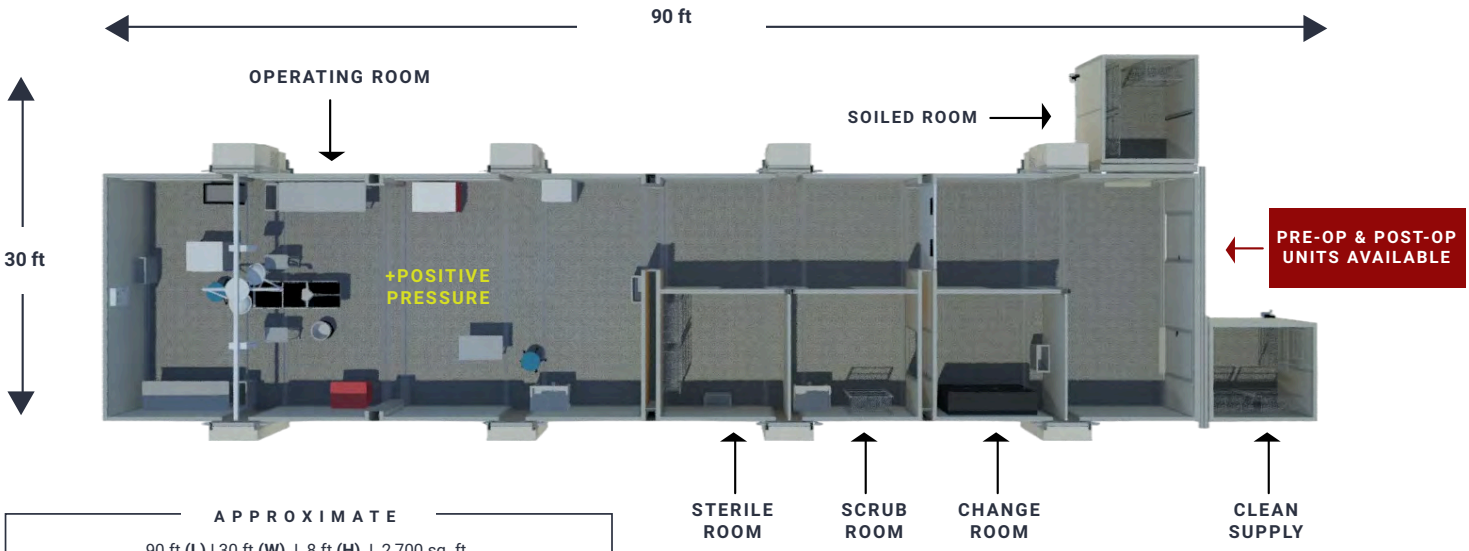
Scalable. Durable. Clinically Ready.

TURNKEY, SELF-CONTAINED OPERATING ROOM

Hospitals face a multitude of disruptions daily to include but not limited to natural or manmade disasters and unforeseen patient surges where maintaining continuity of operations is often a challenge. The FORTS® Mobile Surgical Suite is a self-contained, fully functional, state of the art surgical environment specifically engineered to maintain procedural and operational integrity regardless of the crisis.

STRUCTURAL FEATURES

- ➤ Wind Load Rated 174 MPH
- ➤ ADA Compliant Entry Ramps
- ➤ Weather Resistant (Heat, Snow, Wind, Rain)
- ➤ Integrated Exterior Plumbing Connections
- ➤ Enhanced Security/Entry Points
- ➤ Sealed, Insulated Walls, Roof and Flooring
- ➤ Sterile Room, Scrub Room, Change Room, Soiled Room, Clean Supply Room
- ➤ Custom Branding Available Upon Request



APPROXIMATE

90 ft **(L)** | 30 ft **(W)** | 8 ft **(H)** | 2,700 sq. ft.



The FORTS® Mobile Surgical Suite is engineered to maintain a controlled clinical environment with advanced HVAC systems that regulate temperature, humidity, and air quality to meet surgical standards and ensure equipment reliability. The unit supports HEPA 99.97% at 0.3 microns filtration air quality, positive/negative pressurization, with UV light sterilization for enhanced infection control. Power is delivered through industrial-grade generators designed for continuous, healthcare-level demand, supporting all critical systems including HVAC, lighting, medical equipment, IT infrastructure and Isolated Power System (IPS).

Supports remote tele-surgical operations with uninterrupted power and high-speed data exchange systems. Interior surfaces are seamless, non-porous, and antimicrobial, with integrated sanitation fixtures and scrub stations to support infection prevention protocols.

Electrical Distribution System



Fresh/Waste Water Distribution System

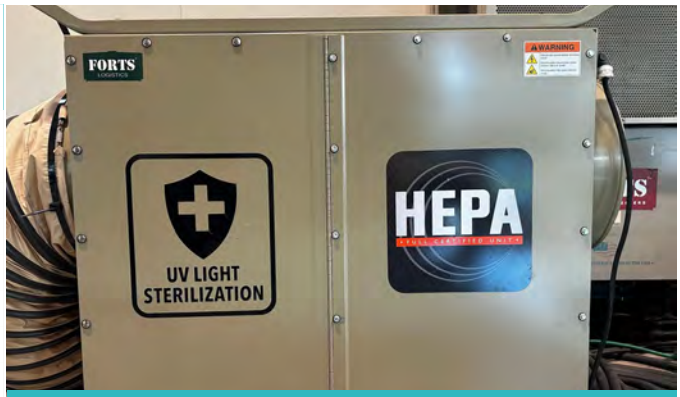


220 kW Generator



Environmental & Airflow Control Systems

CATEGORY	SPECIFICATIONS
Operating Room Size	270 - 550 sq. ft. clear operating area
Air Changes Per Hour (ACH)	Minimum 20 ACH total
Air Quality	HEPA-filtered supply air (99.97% @ 0.3 microns)
Airflow Pattern	Unidirectional / laminar flow over surgical field
Pressurization	OR Positive pressure relative to adjacent spaces
Temperature Control	68°F – 75°F adjustable
Humidity Control	20% – 60% relative humidity
Environmental Monitoring	Continuous monitoring with alarm system
Noise & Vibration	Low-noise HVAC and structural stability



Negative/Positive Pressure System

Clinical Equipment & Surgical Functionality

CATEGORY	SPECIFICATIONS
Surgical Lighting	1,000 + foot-candles surgical luminaires
Ambient Lighting	40 foot-candles general illumination
Operating Table	Adjustable, lockable, radiolucent
Medical Gases	Oxygen, medical air, and vacuum at headwall
Suction Capacity	Multiple simultaneous suction connections
Instrument Flow	Separated clean and dirty pathways
Sterilization Equipment	Autoclave systems with validation


Surgical Suite Unit Operations

+ ADD-ONS (OPTIONAL)
+ Medical Staffing (MD, DO, CRNA, CST, NP, PA, RN, etc.)
+ Pharmaceutical Supplies
+ Medical Consumables (Bandages, Syringes, Sutures, etc.)
+ Medical Equipment (EKG, IV Pumps, X-Ray, Ultrasound, etc.)
+ Hospital Linens
+ Custodial Services
+ Medical Grade Oxygen Trailers
+ Generators, Fuel Cells
+ Telesurgical Systems
+ Sterilization Equipment (Autoclave Systems with Validation)



High Pressure Tank Fill System
Low Pressure Regulator System





Oxygen License Approved by FDA | Fully Compliant with NFPA 99 | State of Florida Department of Business Professional Regulations Oxygen Manufacturer & Retailer License

FDA

Florida dbpr Department of Business & Professional Regulation

IDEAL FOR SET-UP IN PARKING LOTS



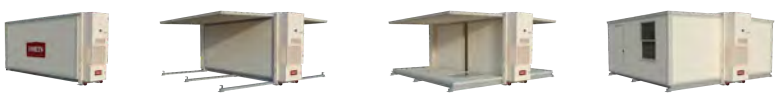
ALL WEATHER RESISTANT



MOBILE SURGICAL SUITE

- Hospital-Grade Surgical Environment
- Built for Emergencies, Outages & Overflows
- Rapidly Deployable, Fully Operational in Less Than 10 Hours
- Maintains Revenue & Continuity of Care
- ADA Compliant
- Scalable in Size
- Climate Controlled
- Integrated Life Safety, Fire and Security Systems

SCAN WITH MOBILE TO ACCESS ADDITIONAL DIGITAL BROCHURES



MADE IN USA

Purchase | Lease | RapidReserve™

GLOBAL DEPLOYMENT SERVICES

FORTS LOGISTICS

EMERGENCY SUPPORT (24/7) 800.776.0403
5225 JOHNSON RD, COCONUT CREEK, FL 33073
FORTSLOGISTICS.COM