



The Foam Tote Truck/Trailer provides a large storage capacity for foam concentrate totes along with a high-performance engine-driven pump to transfer the foam at a high flow rate. Foam totes are stored in a steel tubing framework and can be loaded and unloaded easily by forklift.

### **FEATURES**

- Custom-built trailer steel structure.
- Carrying capacity 36 metric tons, GVWR.
- Dust-proof enclosure for pump unit.
- Foam totes storage capacity: 22,000 liters.

### **OPTIONS**

- Removable steel side-rack enclosures.
- SS flanged and bolted piping.

## **FOAM TOTE TRAILER**

# Foam Tote Trailer



## FOAM PUMP AND DIESEL ENGINE ENCLOSURE

- Steel or Aluminum Enclosure Construction and Framework 2500 mm Wide x 2000 mm High x 1500 mm Front to Rear
- Rear Roller-shutter Access Door
- Hinged Right Side Foam Pump Service Door
- Ventilation Louvers for Diesel Engine Operation
- Integral Battery and Fuel Tank System

## TRAILER

- Custom Built Trailer by Chief Fire GVWR: Carrying Capacity 36 metric tons
- Trailer Dimensions: 2500 mm Wide x 13.56 m Long
- Tires: Eight 11R Tires and 2 Mounted Spare Tires
- Trailer Frame: 180 mm #400 IPE Steel Beams
- Suspension: 2 x 14 ton Mechanical Spring

## UNDER-BODY COMPARTMENTS

- Under Trailer Hose and Storage Compartments
- Aluminum Construction Supported from Trailer Steel Under-structure
- 6 Aluminum Tread Plate Hinged Doors

## PLUMBING

- Foam Concentrate Piping: 100 mm #316 L Stainless Steel Flanged and Bolted Piping under Trailer
- Connections to Totes: Quick Disconnect “Cam Lok” 50 mm Flexible Hoses to Each Foam Tote

## FOAM TOTES: 22,000 LITERS

- Foam Concentrate Storage Totes in Steel Tubing Framework
- Lift-truck Ready: Foam Tote Removal and Loading Pallets
- Removable Steel Side Rack Enclosures

# Foam Tote Trailer



Custom Design Services  
Available for Specific  
Purchaser Requirements



## ENGINE AND PUMP ENCLOSURE

### Enclosure

- Steel Framework
- Sheet Metal Painted, 2 Doors

### Under Body Compartments

- 2 Hose Compartments
- 2 Tool Compartments

### Electrical

- Rear Stop/Turn/Backup LED Lights
- Engine Compartment Lights
- Trailer Perimeter Marker Lights

### Rear Bumper Assembly

- Steel Construction with Reflective Tape

## ENGINE INSTALLATION

### Diesel Engine

- 58 HP, 4 Cylinders
- Fuel Tank and Fuel Filter System
- Fuel Consumption: 14.4 LPM per Hour
- Full Gauge and Instrument Panel

### Electrical

- Batteries: 2 8D, 12 Volt
- 40 amp Alternator

### Exhaust and Muffler

- Piped to Exterior of Enclosure

## FOAM SYSTEM

### Foam Pump

- Bronze Rotary
- Output: 1100 LPM 13.7 Bar
- Relief Valve: Brass
- Electronic Pump Controller
- Safety Interlocks and Shut-downs

### Plumbing System

- Type #316 Stainless Steel
- 100 mm Piping
- 50 mm Flexible Hoses to Totes

### Valves

- Quarter-turn Brass

### Rear Intake

- Storz Fitting Intake
- 2 Suction Hoses