

# Mobile Substation



20MVA (Max FOA 65 Degree Rise)  
138 kV Delta X 69 kV Delta HV  
24.9 kV Wye X 12.47 kV Wye  
17MVA @ 8.32 kV  
8.7 MVA @ 4.16 kV  
Other Capable Voltages  
13.2 kV  
13.8 kV  
26.18 kV  
26.4 kV  
450 kV BIL Max HV  
150 kV BIL Max LV

## Controls Section



30 KVA Control Power Transformer  
Supplies Metering Voltage and Power for Pumps and Cooling Fans  
Internal UPS for Protection Systems  
Schwitzer 351S with Over-Current Protection/Power Monitoring

## High Voltage Section



ITE 600amp 138 kV Fused Air-Switch  
HV Dual Rated Lightning Arrestors

## Low Voltage Section



27 kV Siemens Vacuum C/B  
1200 amp Max Rating  
Internal Capacitor Trip Device  
Lightning Arrestors for Supplied Voltage  
1200 Amp Manual Disconnects

## Physical Dimensions

Approx Weight on Kingpin 27,000 LBS  
Approx Weight on Rear Axel 56,000 LBS  
Approx Total Weight 83,000 LBS

Max Transportation Height 163" inches  
Max Length 49' Feet