



KENNEDYSEWING.COM

KENNEDY SEWING AND CUTTING SUPPLY, LLC

2.145 MW Co-generation Plant

Manufacturer: MTU / **Model:** GB 2145 N5 / **Year of Manufacture:** 2011



KENNEDY SEWING AND CUTTING SUPPLY, LLC

Phone: 864-921-4924 / Email: kevin@kennedysewing.com

236 MANSFIELD DRIVE, SPARTANBURG, SC 29307 (USA)

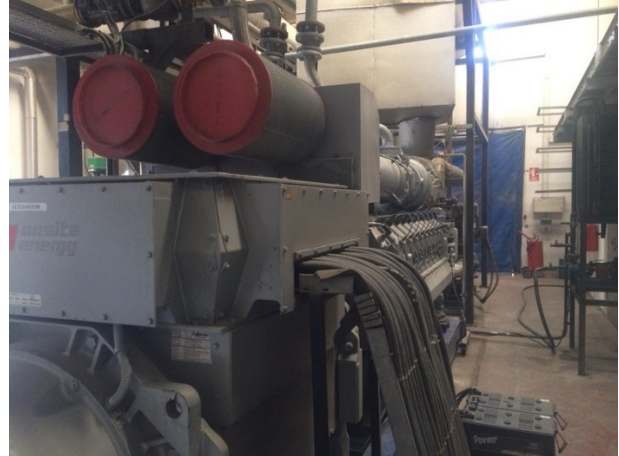


KENNEDYSEWING.COM

KENNEDY SEWING AND CUTTING SUPPLY, LLC

2.145 MW Co-generation Plant

Manufacturer: MTU / **Model:** GB 2145 N5 / **Year of Manufacture:** 2011



KENNEDY SEWING AND CUTTING SUPPLY, LLC

Phone: 864-921-4924 / Email: kevin@kennedysewing.com

236 MANSFIELD DRIVE, SPARTANBURG, SC 29307 (USA)

2.145 MW Co-generation Plant

Manufacturer: MTU / **Model:** GB 2145 N5 / **Year of Manufacture:** 2011

INCLUDES:

1 MTU Genset

- Model GB 2145 N5
- 2145 kW
- 0.8 Power Factor
- 400 Volts
- 50Hz
- Year: 2011

1 MTU Gas Engine

- Model 20V 4000 L63
- 2,200 MWm/2,145MWe
- 1500rpm
- 20 Cylinders
- Year: 2011

1 Stamford Generator

- Model LVSI804T2
- 2800kVA
- 400VAC
- 4041.5A
- 1500rpm
- 50Hz
- Star Connection
- H Insulation Class
- IP 23 Protection Class
- Year: 2011

2.145 MW Co-generation Plant

Manufacturer: MTU / **Model:** GB 2145 N5 / **Year of Manufacture:** 2011

1 ABB Transformer

- Model TSPH-11121/900
- 2500kVA
- ONAN Cooling Type
- 3 Phase
- Voltage
- 1. Stage 28,500
- 2. Stage 30,000
- 3. Stage 31,500 – 400
- 4. Stage 33,000
- 5. 34,500
- 50Hz
- YND11 Vector Group
- YG 170/70 and AG -/3 Insulation Level
- 5.98% Short Circuit Voltage
- 45.82/3609 Current

1 Hilkar Neutral Grounding Resistor

- Model NTD.XL.1.20
- 31.5/ kV
- IP23 Protection Class
- Year: 2011

1 Friterm HT Radiator

- Model FYKS 8025 D 2/3 2/2.1
- 1338.41 kW
- 18kW Total Power
- 400V AC 3Ph 50Hz
- 13 Bar Maximum Operating Pressure
- Year: 2011

1 Friterm LT Radiator

- Model FYKS 8025 D 2/3 2/2.1
- 158.6kW Capacity
- 18kW Total Power
- 400V AC 3Ph 50 Hz
- 13 Barg Maximum Operating Pressure
- Year: 2011

2.145 MW Co-generation Plant

Manufacturer: MTU / **Model:** GB 2145 N5 / **Year of Manufacture:** 2011

1 Segu Muhendislik S.S. Waste Heat Recovery System

- Model Heat Recovery Steam Generator
- 855kW Maximum Capacity
- 175C Operating Temperature
- 179.9C Design Temperature
- 8 Barg Operating Pressure
- 9 Barg Design Pressure
- 13. Barg Test Pressure
- Year: 2011
- Model STB9/I/1600/NR

2 Segu Muhendislik A.S Economizer

- 110kW Capacity
- 105/165C Operating Temperature
- 179.9C Design Temperature
- 8 Barg Operating Pressure
- 9 Barg Design Pressure
- 13.5 Barg Test Pressure

Hot Water Circulation Pump

- MOTOR: Manufacturer Siemens
- Model UD 1106/1338162-0169-14
- 11kW

PUMP

- Manufacturer Grundfos
- Model A96087516P212090002 1

1 LT Water Circulation Pump

- MOTOR Manufacturer Siemens
- Model 87420021
- 11kW

PUMP

- Manufacturer Grundfos
- Model A96109

2.145 MW Co-generation Plant

Manufacturer: MTU / **Model:** GB 2145 N5 / **Year of Manufacture:** 2011

1 Alfa Laval HT Heat Exchanger

- Model M6-MFM
- 10 Bar Design Pressure
- 13 Bar Test Pressure
- Year: 2011

1 Alfa Laval LT Heat Exchanger

- Model M10-MFM ALG
- 13 Bar Test Pressure
- Year: 2011