

SCANIA

MBL450D-4F

COLLICUTT ENERGY'S LATEST IN POWER IN GENERATION TECHNOLOGY.

MAIN OVERVIEW

This specification outlines the Collicutt MBL450D-4F trailer mounted 450kw TIER 4 FINAL prime rated diesel generator set package.

ENGINE

- Scania Model DC16-084A
- EPA certified Tier 4f emissions level
- 450kw Prime Rating
- 1800rpm engine speed
- Engine mounted radiator
- 120v Engine coolant heater
- 50C cooling system design
- 24v control system
- Battery charger
- Engine mounted alternator
- ECU override switch for running diagnostic software
- Group 31 batteries
- 120L DEF capacity
- DEF tanks to be engine skid mounted for ease of generator removal
- Programable shutdowns
- Oil level monitoring

ALTERNATOR

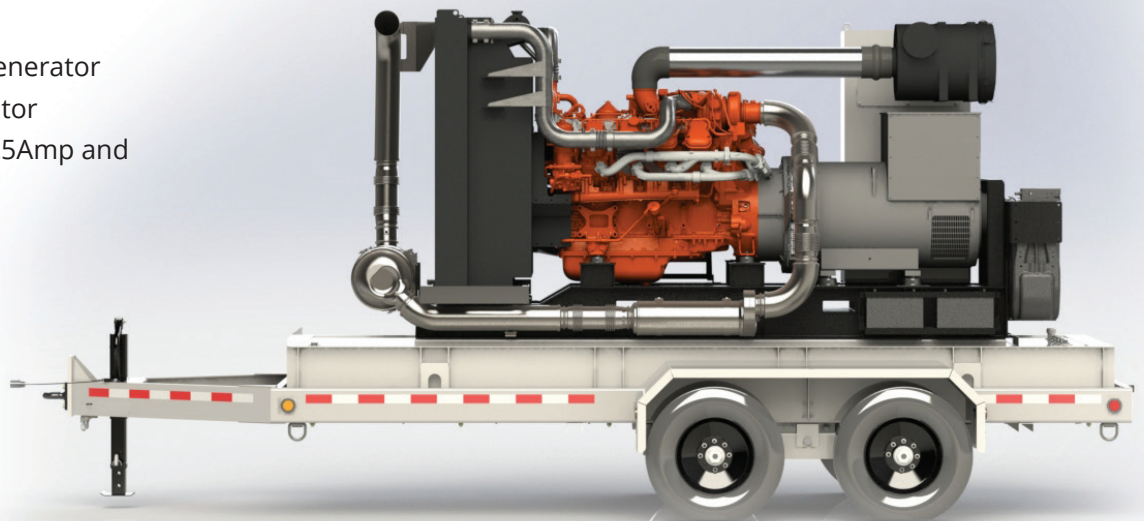
- Stamford HCI534D Generator
- MX321 voltage regulator
- Capable of 480v @ 625Amp and 208v @ 1450amp
- PMG excitation
- 60hz
- Dual bearing

ENCLOSURE

- Level 1 Enclosure
- Insulated exhaust tubing inside
- Sound deadening insulation (dBA Rating: TBD)
- Venting for cooling and engine air consumption
- Rodent/Bird Guards
- Internal 24volt lighting system
- Removable panels to assist with maintenance
- External Emergency stop
- Rear DEF and fuel fill
- Painted Collicutt Tan

ELECTRICAL

- Single motorized main line 1600A main line circuit breaker
- Ability to parallel the generator with other units
- Ability to switch between 208V and 480V
- 400amp camlocks for electrical interface
- ComAp IG-500 controller



TRAILER

- 620gallon UN31 fuel tank
- 12K tandem spring axles
- ST235-75-R17.5 Wheel assemblies
- Powdercoated textured black
- 10k dropleg tongue jack
- LED lighting
- Removable fenders
- Adjustable 3" Pintle eye
- NATM compliant

GENERATOR DIMENSIONS

- **Width:** 8' - 5.5"
- **Length:** 26' - 6.5"
- **Height:** 9' - 10.5

GENERATOR WEIGHT

- 23,000 lbs

FUEL CONSUMPTION

FULL LOAD	104L/hr
3/4 LOAD	79L/hr
1/2 LOAD	55L/hr

WARRANTY

- Comprehensive 1 year standard warranty
- 5year/3000hour emissions warranty
- Options to extend warranty

