

Engine Consists of:

Air Inlet System

Air to Air After Cooled

Mid Mounted Turbocharger

Donaldson two stage air filter

Fully electric rig saver

Cooling System

Front mounted

Radiator:

- Conventional JW core
- sight glass
- radiator cap

Horton cooling fan:

- variable speed viscous fan hub
- blower fan
- fan clutch controller included

CAC aluminum charge air cooler

Finger guard

Rock guard
Shroud
Thermostat

Exhaust System

Rear Turbo Exhaust
High Pressure EGR system
DEF system

- Tank with level gauge
- Mounting brackets
- Pump and lines
- Mounted on left side of engine

Instrumentation

Digital Display

Provides control panel with:

- hour meter
- keyed run/start/stop switch
- RED emergency stop button
- speed raise-lower
- mounted on left side of the engine
- Emergency Stop button

Electrical rail to terminate remote control wires

Flywheel and Flywheel Housings

SAE No. 1 Aluminum Flywheel Housing with:
Flywheel SAE no. 1 – for Hydraulic Pump Drive
14" flywheel

Fuel System

Common rail injector
Fuel filter mounted on the left side of the engine

Lube System

Oil Filter mounted on the left side of the engine
Lubricating Oil

Air Compressor

Gear Driven
Single stage
Reciprocating Style
Rated Displacement 15.5 CFM @ 145psi @ 1900 RPM

Mounting System

Front Engine Support
Rear Engine Support

Charging System

Charging alternator, 24V 100amps, mounting and pulley

Starting System

Electric Starting Motor, 24VDC, RH mounted
Webasto diesel fired coolant heater

Supply & install radiator, blower fan, and cooling lines

Viscous fan clutch, controller and wiring

Air cleaner

Instrument panel to LH side

Jacket water heater

Air compressor 15.5 CFM

Front engine mount

Rear engine mount

Lower radiator support

24V Charging Alternator

24V Electric Starting Motor

DEF tank and pump on LH side

Rig saver wiring into control panel