



## STEAM UNIT

### Dimensions

Length(mm).....: 6058                                Width(mm).....: 2438                                Height(mm).....: 2850  
 Weight (kg).....: 15100  
 Lifting/ Transportation.....: 20' Offshore container with forklift channels and lifting slings. DNV 2.7-1  
 Certificate(s) / Serial No:.....: ATC 06-161 / 2007026

### Construction year

Built.....: 2007

### Area of use / certification

Onshore/offshore.....: Offshore  
 Z-015 (type).....: U05  
 Standard.....: Norsok Z-015, Zone 2, (80 dBa)

### Technical information

Boiler.....: PH 27 12 bar (Ser. nr. 19791)  
 Spark Arrestor.....: SPARK ARRESTOR:  
                                 DNV certified. (Ref. cert./Ser. no. : SU-47b)  
                                 Dimension : L 1560mm W 600mm H 840mm. Weight : 560 kg  
                                 Lifting/Transport : Lifting lugs connected without lifting sling  
  
                                 FAN BOX:  
                                 Dimension : L 1380 mm W 1400 mm H 820 mm. Weight : 200 KG  
                                 Lifting/Transport : Non approved lifting  
                                 Ref. cert./Ser. no. : SU-47c  
  
 Maximum Effect (kW).....: 1800  
 Max. steam production (kg/hr).....: 2700  
 P-max (bar).....: 12                                        P-max (PSI).....: 175  
 Max Steam temperature (Gr.C).....: 193  
 Diesel Tank Volume (ltr).....: 800  
 Diesel consumption (ltr/hr).....: 300

### Connections

Inlet connection.....: Water: 1" Offshore clawcoupling (connected to 1 ¼" 150# RF)  
                                 Diesel: 1" Camlock  
                                 Air: 1" Offshore claw coupling  
  
 Outlet connection.....: Steam: 2" Steam coupling Boss Spud  
                                 Condensate: 1" 150# RF  
                                 Drain heater 1" camlock  
                                 Depressurizing steam: 2" Steam coupling Boss Spud

### Power supply

Fuse (qty).....: 1                                Fuse (A).....: 63  
 El.Power1.....: 400-690 V (main) (Hz).....: 50/60                                (kW).....:                                (A).....: 63 "slow"  
 El.Power2.....: 230 V                                (Utility)                                (Hz).....: 50/60                                (kW).....:

### Additional information



Equipment / Functions.....: Instrument air supply: 500 ltr/h, 4-6 bar

Ignition source connection and pressure relief steam if:

- Fire alarm
- Gas alarm.
- Emergency shut-down on the outside of the container
- Emergency shut-down on motor starter cabinet
- Loss of overpressure
- Emergency shut-down from control room

Other safety functions :

- Flame detector on burner.
- Feed water guard
- Safety valve
- Pressure guard / pressure controller
- Steam thermostat