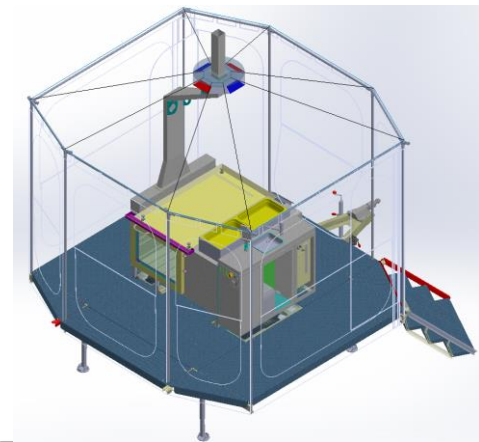
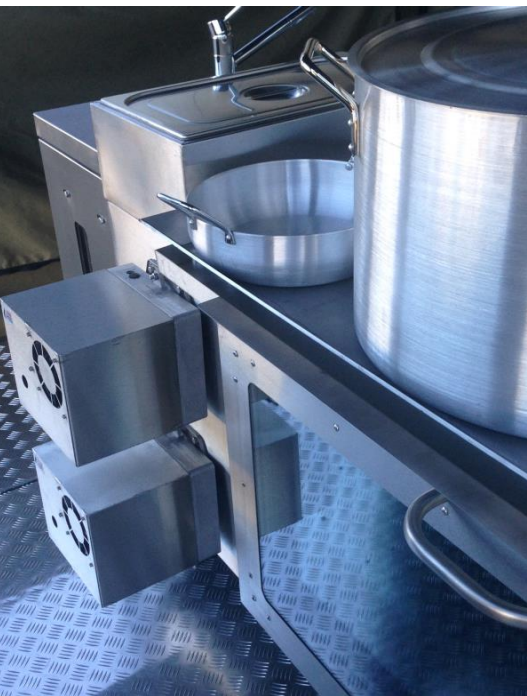




# FIELD KITCHEN 250+ man



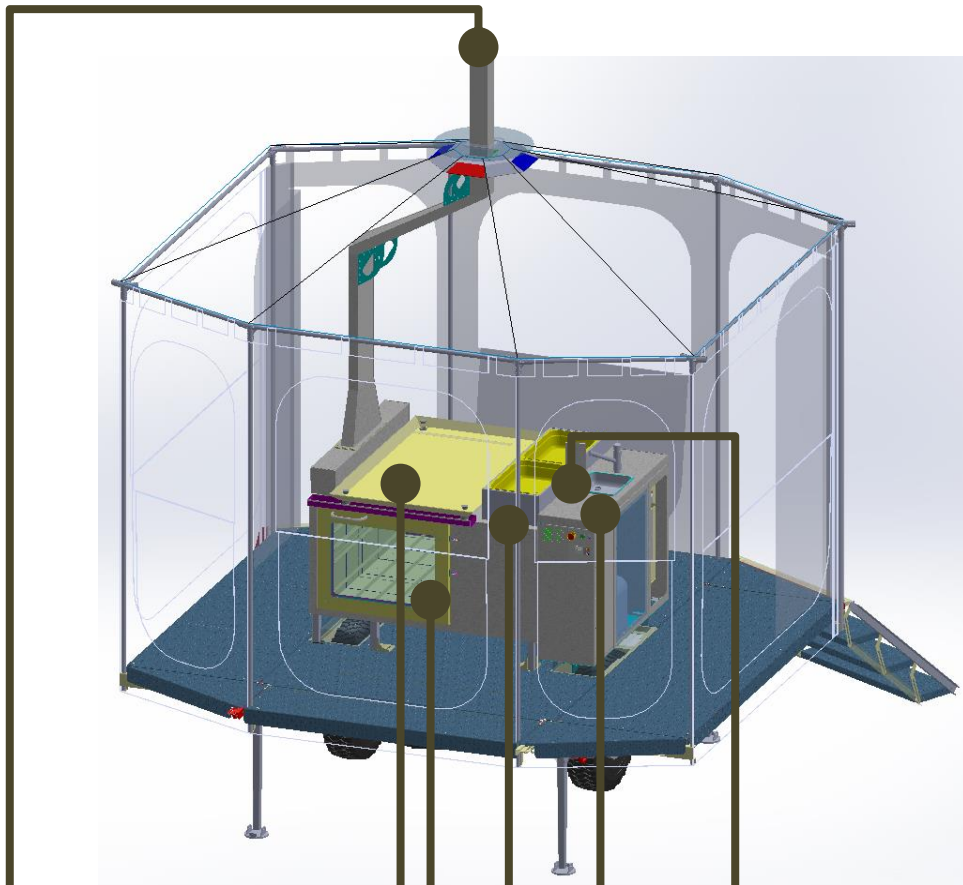
- Independent burners for stove and oven
- Multi-grade diesel fuel with dual filters
- Highly fuel efficient, clean burning technology
- Accurate digital temperature control
- State of the art programmable controller
- Ergonomic design – chefs work opposite each other
- Dual access to large oven
- Large frying pan surface with fat drain
- Optional hot water supply from electric geyser
- Built-in Diesel tank for 10 cycles
- Tent for weatherproof cooking
- Open design
- Easy to clean
- Simplified maintenance
- Rapid deployment – ready in 10 minutes



**BOMA**  
DIESEL FIRED

**FIELD KITCHEN**

**stove**



● **Exhaust System**

● **Stove Top / Frying Plate**

● **Oven with double doors**

● **Bain-marie / hot water tank**

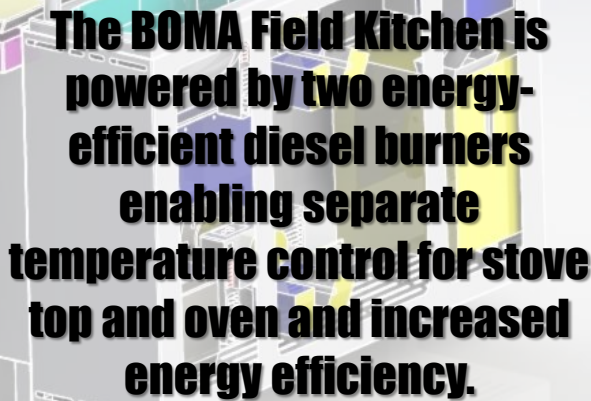
● **Wash basin**

● **Control System**

**Desert Wolf**



**Be Anywhere See Everywhere**



**The BOMA Field Kitchen is powered by two energy-efficient diesel burners enabling separate temperature control for stove top and oven and increased energy efficiency.**

### Control System Features

Simplistic control system with graphical user interface, incorporating:

- Independent temperature adjustment for oven and stove top
- Temperature display for stove top and oven
- Programmable modes
- Recipe database
- How-to guides
- User manuals
- Troubleshooting guides
- Maintenance manuals

### Optional Electrical Geyser 10 litre

The hot water geyser is up to three times more energy efficient than an urn. Boiling water is continuously available at a touch of the tap.

Finish	Steel
Size	10.0 litre
Start up time	25 – 30 min
Recovery rate	1 min/cup
Element rating	1 kW
Width	350mm
Depth	350mm
Length	360mm

### Burner Specifications

Light oil/diesel burners.  
 Single stage operation (on/off).  
 Compatible with any type of combustion chamber.  
 High pressure mechanical atomisation of fuel using nozzle.  
 Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.  
 Maintenance facilitated by the fact that the atomisation unit can be removed without having to remove the burner from the boiler.  
 Manual air flow adjustment.

### Burner Design Features

Light aluminium alloy fan part.  
 High performance centrifugal fan.  
 Combustion air inlet with device to adjust the air flow.  
 Automatically closing air gate.  
 Adjustable blast-pipe with nozzle and deflector disk in steel.  
 Mono-phase electric motor to run fan and pump – 220V.  
 Gear pump with pressure regulator and fuel stop-cock valve.  
 Sequence controller - EN 230.  
 Photo resistance flame scanner.  
 7 pole outlet for burner electrical and thermostat supply.  
 Electrical plant protection rating IP40.

### Heat Output

Min Rated output	16.6 kW
Max Rated output	42.7 kW
Min light oil flow rate	1.4 kg/h
Max light oil flow rate	3.6 kg/h
Fuel max viscosity	1.5 °E
Motor Rated Power	0.09 KW

### Stove Plate / Frying Pan

This large plate is used as cooking surface for pot or directly as frying surface. Equipped with fat trap. Accessible from both ends.

Length:	1320mm
Width:	800mm
Depth:	45mm
Volume:	47.5 litre
Height from floor:	900mm

### Baking Oven

The large oven with accurate temperature control has a door on each side.

Width:	700mm
Depth:	1200mm
Heights:	500mm
Volume:	420 litre
Rack Spacing:	100mm

### Bhot water tank / ain-marie

Temperature controller Bain-marie. Situated next to the stove.

Water Tank:	
Length:	1200mm
Width:	350mm
Depth:	300mm
Volume:	126 litre (max)
Containers with lids:	2 x Stainless Steel Gastronorm 1/1



### Overall Dimensions (in transport mode)

Width:	2000mm
Length:	4000mm
Height:	2200mm

### Overall Dimensions (in operational mode)

Width:	4000mm
Length:	4200mm
Height – to stove top:	1770mm
Heights – to tent top:	4100mm

### Diesel Tank

Length:	590mm
Width:	245mm
Depth:	245mm
Volume:	35 litre

### Materials

Chassis:	3CR12 Epoxy Coated
Work Platform:	Aluminium Thread Plate
Stove & Oven:	Stainless Steel
Tent:	Green or White / Sand

### Suspension & Brakes

Axle width C - C	Boma STD 1520 mm
Axle PCD	Boma STD 6 x 139
Axle load capacity	2500kg
Leaf springs	Yes - standard
Shock Absorbers	Yes - standard
Air-Assist Suspension	Optional
Brakes - auto reverse	Yes - standard
Hand Brake	Yes - standard
Tow Ball & height	

### Power System

DB Board with Earth	Yes - standard
Leakage:	
220V inlet plug:	Yes - standard
LED Lights:	Yes - standard
Battery:	105Ah
Charger:	Yes - standard
Inverter:	800W-Optional