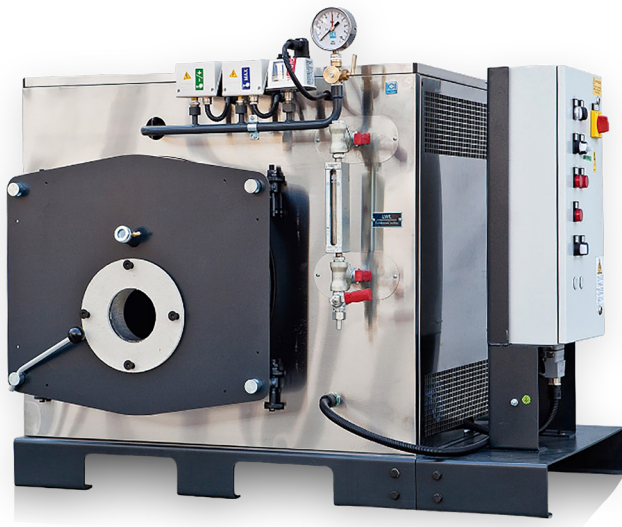


OBY BASSO

Firetube Steam Boiler

Fully Automatic, Efficient, Relentless



OBY BASSO

Firetube Steam Boiler

Fully automatic, high efficiency instantaneous steam boiler with smoke tubes and flame reversal. Low water content and compact dimensions make it the ideal steam producer for small and medium installations.

91%
Efficiency

5 Bar
Max Working Pressure

50-300
Steam kg/h

Dual
Modular Option

Design Features



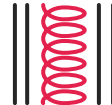
Single or Modular

Single operation or two stacked boilers



Wetback Combustion

- Horizontal chamber with flame reversal
- Perforated stub wetting



Helical Turbulators

Smoke tubes welded to tube plates with helical turbulators



Front Access Door

- Ceramic fibre insulated
- Opens by hand wheel
- No burner removal



Rear Smoke Box

Removable for easy smoke tube cleaning



Heavy-Duty Insulation

- Mineral wool mattress
- Stainless steel panels on rectangular frame



Forklift Ready

Compact carbon steel support — built for equipment lift and handling



Centralised Control

All electrical wiring converges to single control panel

Lower carbon, lower cost, higher reliability — through engineered energy systems.

Technical Specifications

Model Breakdown

Model	kW	Steam (kg/hr)	H (mm)	L (mm)	W (mm)	Weight (kg)
OBYBASSO 31	31	50	1200	1300	1050	430
OBYBASSO 70	70	100	1200	1300	1050	430
OBYBASSO 90	90	150	1200	1300	1050	430
OBY BASSODUAL	200	300	2300	1300	1050	830

Operating Parameters

Performance	
Steam Production Range	50-300 kg/hr
Efficiency	91% — all models
Max Working Pressure	5 bar — all models
Fuel Type	Liquid or gaseous
Construction	
Combustion Chamber	Horizontal wetback · Flame reversal
Tube Plates	Flat · Plasma cut holes
Smoke Tubes	Welded to tube plates · Helical turbolators
Front Door Insulation	Ceramic fiber
Body Insulation	High density mineral wool
Casing	Stainless steel panels on rectangular frame
Support Frame	Carbon steel — forklift compatible

Standard Equipment

<ul style="list-style-type: none">◦ Steam Accessory Group<ul style="list-style-type: none">· Steam stop · Safety valve· Level indicator · Shut off valve	<ul style="list-style-type: none">◦ Water Delivery Group<ul style="list-style-type: none">· Centrifugal pump · Delivery shut off valve· Suction filter · Non-return valve
<ul style="list-style-type: none">◦ Monitoring Instrumentation<ul style="list-style-type: none">· 3-way test valve manometer · Regulating· Limit · Manual safety pressure gauges	<ul style="list-style-type: none">◦ Automatic Purge Group<ul style="list-style-type: none">· Shut off valve · Pneumatic exhaust valve· Compressed air electronic valve
<ul style="list-style-type: none">◦ Level Regulator<ul style="list-style-type: none">Automatic conductivity probe	<ul style="list-style-type: none">◦ Control Panel<ul style="list-style-type: none">Boiler electric command panel

Why O'Brien?

- **Australia's Largest**

Leading supplier of industrial boilers across Australia

- **20+ Years Experience**

Decades of engineering expertise in steam & hot water systems

- **24/7 Support**

Around the clock support with instant phone assistance

- **Accredited Training**

RTO Code 45484, boiler operation training nationwide

- **Tailored Solutions**


Custom engineered, with no off the shelf compromises


- **765+ Active Clients**


Trusted across Australia and internationally

Ready to engineer your energy solution?

Connect with us at

 1300 771 759

 obrien-energy.com.au

 sales@obrien.energy

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