

**OBYTRICE**

# Genuine Three-Pass Firetube Steam Boiler

Reliable, Low Emission, High Output



OBYTRICE

# Firetube Steam Boiler

Genuine three-pass. 2000–22000 kg/h.  
12 bar. CE certified. Unattended.

**2000–22000**

Steam kg/h

**12 Bar**

Design Pressure

**13 Pass**

Genuine Firetube

**NOx <80**

mg/nm<sup>3</sup>

## Key Features



### European Materials

- Quality steel
- CE certified



### Machine Welded

- Automatic submerged arc welding



### Genuine 3 Pass

- Low NOx
- Thermal-shock resistant



### Large Steam Space

- Large evaporation area
- Reliable supply



### Easy Maintenance

- Accessible furnace and tubes



### Unattended Operation

- AS2593-2021 certified



### CE PED Certified

- Notified Body assessed
- CE marked



### Single Source

- Burner to stack — full responsibility

## Design Features



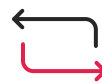
### Boiler Body

- EN 12953-3: 2016
- Butt welded
- Hydraulic tested



### Smoke Tubes

- Quality steel
- Welded
- Turbulator free



### Reversing Chamber

- Fully wet
- Rear access manhole



### Front Smokebox

- Insulated
- Refractory lined
- Quick open doors



### Rear Smokebox

- Inspection doors
- Self cleaning flamelight
- Rapid opening



### Base Frame

- Electro-welded
- Thermal expansion compensated



### Insulation

- 100mm rock wool
- Painted steel shell

# Technical Specifications

## Model: OBY-TRICE 7000

Performance	
Output	<b>4,000 kW Steam</b>
Steam Output	<b>800 kg/hr</b>
Boiler Design Pressure	<b>12 bar</b>
NOx Emissions	<b>&lt;80 mg/nm<sup>3</sup> with Low NOx burner</b>
Attendance Category	<b>Unattended – AS2593-2021</b>

Physical	
Boiler Type	<b>Fire Tube Boiler</b>
Dimensions (L × W × H)	<b>6,150 × 3,000 × 3,400 mm</b>
Dry Weight	<b>17.500 Kg</b>

Range	
Steam Production Range	<b>2,000–22,000 kg/h</b>
Max Safety Pressure	<b>12 bar (higher available on request)</b>
Design Standard	<b>EN 12953-3: 2016</b>
PED Compliance	<b>Directive 2014/68/EU – CE certified</b>

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

# Delivered & Commissioned

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*Supply, delivery and  
commissioning of a  
10MW OBYTRICE Three-  
Pass Firetube Steam Boiler*

# Why O'Brien?

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- **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](http://obrien-energy.com.au)

 [sales@obrien.energy](mailto:sales@obrien.energy)

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