

STEAM BOILER ELECTRIC

2026

**IMB** PT. INDIRA MITRA BOILER  
EXPERT IN INDUSTRIAL ENERGY

# BROCHURE ELECTRIC STEAM BOILER



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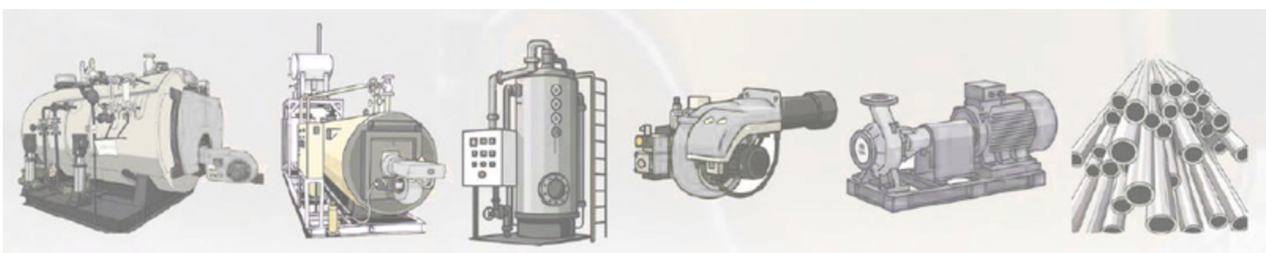
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# About Us.

## Introduction

Pt. Indira Mitra Boiler adalah Perusahaan yang bergerak dibidang mesin pemanas untuk industri. Kami berpengalaman lebih dari 10 tahun dalam project - project khusus untuk mesin pemanas industri. Kami tidak hanya perusahaan manufacture, kami juga menyediakan spareparts dan semua komponen kebutuhan industri pemanas.



# Mission & Vision.

## MISSION

- Keunggulan Kualitas (Quality Excellence): Menghasilkan produk boiler dan bejana tekan berkualitas tinggi yang memenuhi standar regulasi nasional maupun internasional (seperti ASME/EN).
- Efisiensi Energi (Energy Efficiency): Mengembangkan sistem pembakaran dan teknologi thermal yang mampu mengoptimalkan konsumsi bahan bakar guna menekan biaya operasional pelanggan.
- Pelayanan Terpadu (Integrated Service): Memberikan layanan purna jual yang responsif, mulai dari fabrikasi, instalasi, hingga perawatan rutin untuk menjamin keberlangsungan operasional industri mitra.
- Keamanan & Keselamatan (Safety First): Memastikan setiap unit yang diproduksi dan diinstalasi mengutamakan standar keamanan tertinggi bagi pengguna dan lingkungan kerja.
- Inovasi Berkelanjutan (Continuous Innovation): Terus beradaptasi dengan perkembangan teknologi industri terbaru untuk memberikan solusi engineering yang paling efektif bagi tantangan thermal masa kini.

## VISION

- Menjadi mitra terdepan dan terpercaya dalam solusi sistem thermal terintegrasi di tingkat nasional, melalui inovasi teknologi boiler yang efisien, aman, dan berkelanjutan

# Electric Steam Boiler

## DESIGN

- This product is designed and manufactured in accordance with TSGG0001-2012 "Boiler Safety Technical Supervision Rules" and GB/T16508-2013.
- The water pressure test of this product is conducted in accordance with the "Boiler Safety Technical Supervision Rules", with a test pressure of 1.05MPa



## ELECTRICAL & AUTOMATIC CONTROL

- The main electric heaters are selected from joint ventures and domestic first-line brands (ABB contactor brand)
- Pressure limiting fully automatic control device
- Equipped with water shortage alarm and self replenishing device
- Install valve automatic discharge device
- Power with multi gear control (2 \* four gears=eight gears)

## ACCESSORIES

- High temperature and high pressure feed water pump
- Liquid level display meter
- Safety valve
- Pressure gauge. Pressure controller

<p>High temperature above 170degree</p>	<p>Water shortage protection</p>	<p>Dry burning protection</p>
<p>Ultra high power feed water pump</p>	<p>Micro-computer control system</p>	<p>Free inspection and certificate</p>

Small body Large steam volume

**98%**  
THERMAL EFFICIENCY

# BOILER DATASHEET

Model	Unit	LDR0.010-0.8	LDR0.015-0.8	LDR0.018-0.8	LDR0.026-0.8	LDR0.035-0.8	LDR0.050-0.8	
steam capacity	Kg	10	15	18	26	40	50	
steam pressure	MPa	0.7	0.7	0.7	0.7	0.7	0.7	
Thermal efficiency	%	98	98	98	98	98	98	
steam temperature	°C	170	170	170	170	170	170	
Water volume	L	18	18	18	24	24	29	
Consumption	kw	6	9	18	18	22	22	
Power supply	Hz	380v 50hz Single-phase	380v 50hz Single-phase	380v 50hz Three-phase	380v 50hz Three-phase	380v 50hz Three-phase	380v 50hz Three-phase	
	Heating pipe	Root	1	1	1	1	2	2
	Air switch	A	≥40	≥40	≥63	≥63	≥80	≥100
	Cable	mm	≥10	≥10	≥10	≥10	≥10	≥16
	Water inlet diameter	mm	DN15	DN15	DN15	DN15	DN15	DN15
	outlet diameter	mm	DN25	DN25	DN25	DN25	DN25	DN25
	Steam outlet	mm	DN15	DN15	DN15	DN15	DN15	DN15
Size	Size	mm	600*430*1200	600*430*1200	600*430*1200	600*430*1200	600*430*1200	600*430*1200
	weight	kg	50	50	50	50	60	60
Control cabinet	Control cabinet form	/	Embedded	Embedded	Embedded	Embedded	Embedded	Embedded
	Electric control accessories	/	ABB/Schneide	ABB/Schneide	ABB/Schneide	ABB/Schneide	ABB/Schneide	ABB/Schneide

Model	Unit	LDR0.066-0.8	LDR0.1-0.8	LDR0.15-0.8	LDR0.2-0.8	LDR0.26-0.8	LDR0.5-0.8	
steam capacity	Kg	66	100	150	200	260	500	
steam pressure	MPa	0.8	0.8	0.8	0.8	0.8	0.8	
Thermal efficiency	%	98	98	98	98	98	98	
steam temperature	°C	170	170	170	175	170	170	
Water volume	L	<50	<50	<50	<50	<50	<50	
Consumption	kw	48	72	108	144	192	360	
Power supply	Hz	380v 50hz Three-phase	380v 50hz Three-phase	380v 50hz Three-phase	380v 50hz Three-phase	380v 50hz Three-phase	380v 50hz Three-phase	
	Heating pipe	Root	4	4	8	8	8	16
	Air switch	A	≥350A	≥350A	≥350A	≥350A	≥350A	≥350A
	Cable	mm	≥50mm <sup>2</sup>	≥50mm <sup>2</sup>	≥50mm <sup>2</sup>	≥50mm <sup>2</sup>	≥50mm <sup>2</sup>	≥50mm <sup>2</sup>
	Water inlet diameter	mm	DN20	DN20	DN20	DN20	DN20	DN20
	outlet diameter	mm	DN20	DN20	DN20	DN20	DN20	DN20
	Steam outlet	mm	DN20	DN20	DN20	DN20	DN20	DN20
Size	Size	mm	600*920*1550	600*920*1550	700*1560*1600	700*1560*1600	700*1560*1600	700*2360*1600
	weight	kg	210	210	408	408	408	648
Control cabinet	Control cabinet form	/	Embedded	Embedded	Embedded	Embedded	Embedded	Embedded
	Electric control accessories	/	ABB	ABB	ABB	ABB	ABB	ABB



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