



INDECK

POWER EQUIPMENT COMPANY

Steam Boiler Rental Solutions



Emergency and Temporary Power Plant Equipment

Why INDECK?

Steam Power Solutions Since 1960

Experience, Agility, Resources

Our People Make the Difference!

The Indeck rental team has over 100 combined years of industry knowledge and experience. The rental managers are all degreed engineers with the technical know-how to customize solutions expeditiously at a moment's notice. Indeck's customer service phone line 1-800-446-3325 is manned by engineers 24 hours per day.



Indeck Stands Ready to Respond!

We are in the emergency business and we don't take it lightly. Indeck's team of rental managers, service and shipping professionals deliver power equipment 365 days per year.

- Indeck has the largest fleet of boiler equipment available.
- Indeck is a proven performer. Over 5,000 customers worldwide have selected Indeck boilers for both temporary and permanent solutions.
- Indeck designs, manufactures and services their boilers under one roof.

Complete Steam Solutions for Temporary Requirements

Indeck's quick response team offers trailer and skid-mounted boilers, mobile steam plants and a warehouse stocked with components and parts for virtually any boiler. The auxiliary equipment (SCRs, deaerators, economizers) and aftermarket parts are in stock and ready to ship. They are available for rent, lease or purchase.

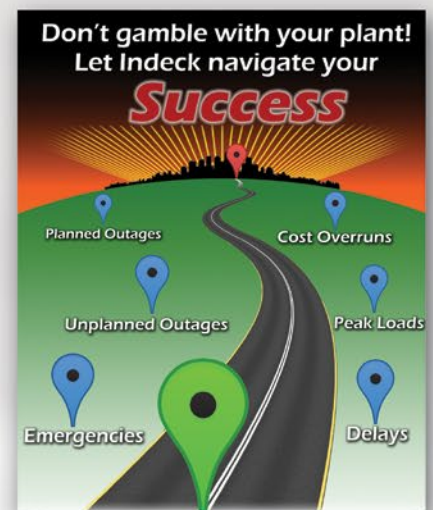
Indeck's equipment and services are backed by a professional sales and service staff that can quickly offer solutions for your requirements. From parts to complete turnkey systems, Indeck is ready to respond.

Contingency Planning with the I-MAP

Indeck's no cost contingency plan, the I-MAP (Indeck Master Agreement Program) provides assurance to plant managers and owners. With an I-MAP, the precautionary measures have been discussed in advance of an emergency. Temporary tie-ins may need to be installed and adequate insurance coverage must be maintained during this time. Successful implementation and execution of an I-MAP, results in minimal to no losses!

I-MAP

Indeck Master Agreement Program



Temporary steam interruptions may occur and management expects 24/7 operations to continue with no loss of production.

Visit www.indeck.com contact us at 800-446-3325.

INDECK

***delivers power solutions
when and where you need them!***

Boiler Rentals

Trailer-Mounted Watertube Boilers

Indeck's trailer-mounted watertube boilers are custom designed to meet highway specifications for quick delivery and a reliable source of steam during your emergency/planned requirements. They are specially mounted on highway legal trailers for fast and easy set up at the site.

- Low NOx burner in 300 to 750 psi design; saturated or superheat.
- Trailer-mounted for quick shipment. Skid mounted also available.
- Fired on gas/#2 oil.
- Conveniently located connections.
- Stub stack and transition assembly included.
- Tandem blowdown valves included.
- Preset ASME safety relief valves and non-return valve.
- Trailer-mounted watertube boilers from 24,000 pph to 80,000 pph.



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Skid-mounted Saturated and Superheat Watertube Boilers

When a higher capacity boiler in a confined space is required, Indeck offers skid-mounted boilers for rent. These boilers ship by rail in the United States and Canada and are economically suited for long-term rental applications. Another option to a boiler rental is a lease-buy of a boiler. Indeck can assist with the financing of boilers for lease purchase options too.

Skid-mounted boilers are available from Indeck's stock and range from 10,000 pph to 250,000 pph. Indeck boilers are constructed in accordance with the ASME Code. They are ready for natural gas, #2 fuel oil firing, and come complete with manufacturer's standard boiler trim, Low NOx burner, burner management and combustion controls.

Mobile Steam System Trailers

With over 60 years of designing and building mobile steam systems, Indeck can provide a turnkey boiler room on wheels to help meet your requirements quickly with a minimum amount of installation time.

Complete boiler room in a van-type trailer includes:

- 800/300/250 HP firetube boilers.
- 150 psi to 250 psi design (50 psi to 235 psi operating).
- Fired on gas/#2 oil.
- Duplex water softener system.
- Feedwater system with preheater and duplex pumps.
- 800 HP includes deaerator.
- Chemical feed system.
- Blowdown separator.
- Electrical control panel station.
- Interior heaters and lights.
- All integrally mounted, wired and piped.



Central Location in the Midwest Make Indeck Ideal for Transport

Indeck's transportation and logistics management team assures on-time deliveries by land, rail, air or sea.

Indeck is centrally located just outside of Chicago, the hub of worldwide transportation. Indeck maintains a full time transportation manager and ships daily. The Indeck Group has shipped over 5,000 boilers to 50 countries.

Deaerators & Softeners



Indeck can supply temporary deaerators, softeners or complete water treatment trailers to keep plants online during in-plant deaerator inspections, to use in conjunction with a rental boiler or for equipment expansion or replacement.



Generators & Chillers

Generators

Indeck has commercial and industrial generators for emergency, temporary or back-up usage. Equipment includes large 1,650-2,200 KW trailer-mounted generators that include automatic or manual synchronizing. They are loaded on specially designed trailers and are transported to the customer's location. Voltages: 480/4160 V.



Chillers

The ability to continuously supply chilled water has become critical to process, comfort cooling and production. Indeck offers a rental chiller fleet 100 to 1000 ton for temporary requirements.



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Selective Catalytic Reduction Systems for Emissions Compliance

I-SCR™

Indeck Clean Air Technologies

The Indeck Selective Catalytic Reduction (*I-SCR*) system uses a selective catalytic reduction process that converts nitrogen oxide (NO_x) in the combustion flue gas stream into harmless nitrogen (N₂) and water (H₂O) without forming secondary pollutants. *I-SCR* systems are designed to connect with Indeck's mobile rental boilers for emissions compliance.

The stainless steel constructed *I-SCR* system is a product line within the Indeck Clean Air Technologies product offering. It is designed for safe and reliable NO_x reduction that incorporates low cost operation and maximum stand-alone operation with minimum operator intervention.

Utilizing the latest flow modeling along with fluid, thermal and structural analyses our engineers have successfully combined all critical components into the *I-SCR* system which enables a safe startup, control, and shutdown.

Indeck systems meet NO_x emissions requirements as mandated by the United States Environmental Protection Agency. Major components include a reactor housing, anhydrous ammonia injection grid, ammonia flow control unit and PLC controller.



Indeck assists plants comply with the required EPA pollution emissions with Ultra Low NO_x Boilers, I-SCRs and performs engineering studies to evaluate boiler systems.

INDECK Offers Full Services for Steam Power Generation

Indeck Power Equipment Company

Boilers, Boiler Parts & Auxiliary Equipment

Since its founding in 1960, Indeck's priority has been to keep its customers up and running at maximum efficiency. Indeck Power Equipment Company maintains a boiler inventory of over \$70 million and employs project management teams for start up, testing, installation and engineering of its boilers. In addition, the company maintains a complete 24-hour parts department with more than \$25 million of boiler parts in stock. This assists customers to minimize downtime and increase the efficiency of their boiler and accessory equipment. Burner management and combustion control systems are also designed and completed through Indeck's in-house engineering, UL listed panel shop and large component inventory.



Indeck Keystone Energy LLC

Boiler Engineering & Custom Designs

Indeck Keystone Energy has a history dating back to 1840 and includes the boiler brands of Erie City, Aalborg, Zurn, Keystone Energy and Indeck Keystone. Through Indeck Keystone Energy, the engineering partner of Indeck Power, Indeck can provide a number of engineering services including: analysis and design upgrades to improve boiler performance, increase steam output, improve boiler rates, increase boiler temperature and conduct studies to obtain emission reduction through component replacement.



Indeck Boiler Corporation

Boiler Manufacturing Plant

Indeck Boiler Corporation, formerly Volcano Boiler, manufactures Indeck Boilers in St. Hyacinthe, Canada. Indeck customers buy confidently, when they buy boilers direct from Indeck. Indeck is the manufacturer and the engineer! Indeck utilizes the highest quality materials and components to assure the utmost reliability. Indeck's in-house capabilities include: tube-bending, heating treatment furnace, drum rolling and drilling, submerged arc-welding machines as well as other metal fabrication equipment. The plant has an ASME Certified QC Program and has engineering and CAD support. Indeck Boiler manufactures the following boiler brands: Indeck, Keystone Energy, Erie City, Volcano, IBW, International LaMont, ThermoFlo, and Starfire.



Indeck Energy Services

Power Plant Developer & Operator

Indeck Energy Services, Inc. is a privately held developer, owner and operator of natural gas based power plants and renewable energy projects. The company has been in business since 1985 and has successfully developed, owned and operated facilities totaling 3,000 MW. Indeck Energy is currently developing natural gas based power plants in the US markets.

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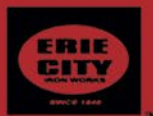
(847) 541-8300

24-Hour On-Call

Boiler Rental, Parts and Service Support Line

(800) 446-3325

Indeck Manufactures:



International-LaMont[®]



ThermoFlo[®]

STARFIRE[®]



INDECK[®]
BOILER CORPORATION

I-SCR[™]
Indeck Clean Air Technologies

I-MAP
Indeck Master Agreement Program

I-HRSG[™]
Indeck Heat Recovery Steam Generators