

# Skinner power systems





## Overview

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What is Skinner power systems?

Skinner Power Systems is a manufacturer of single-stage, steam turbines for applications in power generation, pump drives, fan drives and other mechanical drive applications that are in the 5 to 3000 horsepower range.

What is a Skinner steam turbine?

Each Skinner steam turbine and Skinner turbine package is designed as an integrated system to meet your specific needs. Over the years, customers have designated Skinner as the driver of choice for rotating equipment.

What is a Skinner S28?

Skinner S28 is high power machine for applications up to 2000 horsepower. It is the work-horse of the Skinner line. Woodward TG-17 oil relay governor. Positive overspeed trip. Antifriction ball bearings. Ball thrust with minimum 50,000 L10 rating. Horizontally split case for ease of maintenance. Multiple carbon ring gland seals.

What is a Skinner S28 single-stage steam turbine?

In turbine applications where rugged and dependable performance with low capital investment is critical to your operation, the wise choice is a Skinner S28 Single-Stage Steam Turbine. Over the years customers have designated Skinner as the driver of choice for their rotating equipment.

How much power does Mr Skinner use?

The basic claim is that Mr. Skinner is inputting power from a 1/8 HP electric motor and the output is claimed to be multiplied by 1200%. The output is going to a belt driven lathe and a couple other shop tools that would normally require several horsepower to operate. All that work performed for less than 100 watts.



What is Skinner?

So here are the definitions of Skinner. 1- a person or thing that skins . 2- a person who prepares or deals in skins or hides. 3- a person who drives draft animals, as mules or oxen. 4- the operator of a piece of heavy equipment used in clearing land or in construction work, as a tractor or bulldozer.



## Skinner power systems

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### SK25

Largest and Most Powerful in the Skinner Lineup  
The Skinner SK25 steam turbine is our largest machine and is rated up to 3000 horsepower. It is suited for special purpose applications or larger electric generator sets than can produce up to 2MW of power. It offers

### Combined Cycle Plants

Your combined cycle plant may be able to take advantage of Skinner's single-stage steam turbines to help in the heat recovery system from the heat exhaust of a gas turbine. Through this process, you are able to produce additional electricity. If needed, our turbines



### Replacement Parts

By Skinner, For Skinner Skinner and it's approved, reputable distributors are the only companies in the world that can supply OEM replacement parts. If you have the turbine's serial number and part catalog number or a part description, Skinner can supply the replacement parts you require and often ship them the same day.

CE UN38.3 MSDS



### Waste-to-Energy Plants

Skinner Power Systems has an extended history of helping facilities excel in their production processes. By use of our Skinner single-stage steam turbines, your waste-to-energy plant generator can produce anywhere from 3kW to



## 2MW. Mechanical Drive Turbines



### Le Grand Skinner, the legend behind Skinner Power Systems

This blog pays homage to Le Grand Skinner, the visionary founder of Skinner Engine Company which was taken over by others and took on a new name of Skinner Power ...

### Palm Oil Processing

Skinner Power Systems takes pride in what we can do to help our customers accomplish their goals and improve processes. In the palm oil industry, many plants are already using a steam turbine to generate power for production. As a result, they use this steam in



- SAFER** Cobalt Free Lithium Iron Phosphate (LFP) Battery
- RELIABLE** Support high discharge power, natural cooling
- FLEXIBLE** Max. 64 units in parallel, Max. capacity of 342kWh.
- CONVENIENT** Support USB drive upgrade the firmware.
- ECO-FRIENDLY** Use environmental protection materials

### Sugar Mills

We know our success depends on our customers in meeting their objectives. For Sugar Mills that use steam in their process to produce sugar, benefits are evident in having a steam power turbine in their processing. Skinner steam turbines make the process of



## Skinner Power Systems

Skinner Power Systems Address 8214 Edinboro Road City Erie, Pennsylvania 16509 Phone (814) 868-8500 Topics Pumps Seals Bearings Valves Motors and Drives Instrumentation News Magazine Events Webinars White Papers Podcasts Advertise All Rights



### [The Latest Skinner Power Systems' Blogs](#)

Skinner Power Systems /Time Machine Inc. continue to manufacture Skinner equipment in Erie. We trace our product roots back to the early 1920's, a product that has been continuously manufactured for over 100 years.



## Our Facilities

Skinner Power Systems has been located on 8214 Edinboro Road, Erie, Pennsylvania, since 2002 skip to main content Steam Turbines SB11- up to 50hp S18- up to 400hp SB18- up to 400hp SBV18- up to 300hp S23- up to 900hp SB23- up to 900hp Packaging



## Custom Packaging

Skinner Power Systems assemblies and manufactures single stage steam turbines and has the capability to package our turbines with different types of rotating equipment to meet your companies needs. Skinner turbines have many years of operating experience driving pumps, fans, blowers, compressors, mills, electric generators and other equipment.



### Other

Skinner turbines can offer long-lasting life and the power and reliability that is required in the modern refineries. With up to 3000 HP, our single stage steam turbines can be used in a wide variety of applications for our clients within the oil refining industry.



### SB11

The Skinner SB11 steam turbine saves costs by using a ball bearing rotor assembly for improved life, reliability and vibration reduction. The Skinner SB11 is typically utilized as a replacement driver for small lubrication pumps requiring 50 horsepower or less when space is limited.

### Dean Hill and Its Relevance to Skinner

Skinner Engine Company manufactured turbines using the Dean Hill name for a number of years and the model numbers were changed to the Skinner S-Series turbines by 1971. These current models are models S11, S18, S23, and S28.



### DRN , Fans, Blowers & Turbines , Skinner Power Systems

SKINNER POWER SYSTEMS Single-stage stream turbines Steam driven gen-sets 13060 rue Brault, Mirabel, Quebec J7J 1P3 Tel.: 450-434-4000 Fax: 450-434-0007 Site map



### SB23

The Skinner SB23 steam turbine is a mid-range machine for applications up to 900 horsepower. It can produce more power than our smaller units, while remaining less expensive than our larger machines. Similar to the S-18 and an SB-18, this unit contains ball bearings rather than the sleeve bearings of the S-23.



### Petrochemical Plants

Skinner can help to provide the power necessary to help your petrochemical plant produce its own power. Mechanical Drive Turbines Our turbines are well suited as prime movers for driving boiler feedwater pumps, forced or induced-draft fans, ...

### Refineries

With a heritage in steam dating back to 1868, Skinner has earned a solid reputation in building single stage steam turbines up to 3000 horse power and steam turbine generator packages up to 2MW for clients within the Oil Refining Industry. Mechanical Drive



### Skinner Power Systems

Who is Skinner Power Systems Skinner Power Systems is a manufacturer of single-stage, steam turbines for applications in power generation, pump drives, fan drives and other mechanical ...



## Skinner Power Systems

Skinner Power Systems , 71 ? LinkedIn  
????Manufacturing single stage steam turbines for applications up to 3,000 HP and providing OEM parts and rebuild options. , Skinner Power Systems manufactures single-stage, steam turbines of proven design for mechanical drive applications up to 3000 horse power and steam turbine generator packages for electric power ...



- 50KW/100KWH
- HIGHER POWER OUTPUT IN OFF-GRID MODE
- CONVENIENT OPERATION & MAINTENANCE
- PRE-WIRED

## Steam Turbines

Skinner Power Systems provides power solutions for unique operations with a focus on affordable budgets and with prompt delivery schedules. Our steam turbines provide maximum system output and optimum use of energy while ...

## Skinner Power Systems Profile

With a rich heritage in steam that dates back to 1868, Skinner Power Systems manufactures single-stage, steam turbines of proven design for (up to 3,000 horsepower) mechanical drive and electric power generation for petrochemical, marine and many other industrial services around the world. Our steam turbine technology has continually advanced from the first Delaval-based ...



- LiFePO<sub>4</sub> Battery, safety
- Wide temperature: -20~55°C
- Modular design, easy to expand
- The heating function is optional
- Intelligent BMS
- Cycle Life: > 6000
- Warranty: 10 years



## RER acquires Skinner Power Systems of Erie, PA.

We will bring the same quality and service to Skinner Power Systems that you currently receive from our additional companies, RER, South Central Process Equipment and Guard-Safe Guarding. We ask that you help share this information to anyone with the Skinner- Dean Hill turbines in their facilities since there was a question if Skinner would stay in business ...



### S23

Multi-Configuration Machine The Skinner S23 steam turbine is a mid-range machine for applications up to 900 horsepower. It can produce more power than our smaller, while remaining less expensive than our larger machines. The Skinner S23 is available in several



### [History Of Skinner Power Systems](#)

With a rich heritage in steam that dates back to 1960's, Skinner Power Systems manufactures single-stage, steam turbines of proven design for (up to 3,000 horsepower) mechanical drive ...

### Skinner Power Systems

Skinner Power Systems is a manufacturer of single-stage, steam turbines for applications in power generation, pump drives, fan drives and other mechanical drive applications that are in the 5 to 3000 horsepower range. Our turbines are built to fit the application



### Skinner Power Systems

Skinner Power Systems With a rich heritage in steam that goes back to 1868, Skinner Power Systems, manufactures single-stage, steam turbines of proven design for mechanical drive and electric power generation for petrochemical, marine and other industrial





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