Risky Business

What You Need To Know About...

Commercial Printing Printing presses have been around for centuries, shaping

the way humans communicate. Throughout history, printing presses have progressed significantly. In the digital age, this progress is more important than ever.

The History of The Printing Press:



devloped in China in 1040 AD by Pi Sheng.1 Johannes Gutenberg invented the first printing press in 1440.

Moveable-type printing was first

In the 1500s, "The Printing **Revolution**" facilitated widespread

circulation of information and ideas. In the 1800s, printing presses were powered by steam.

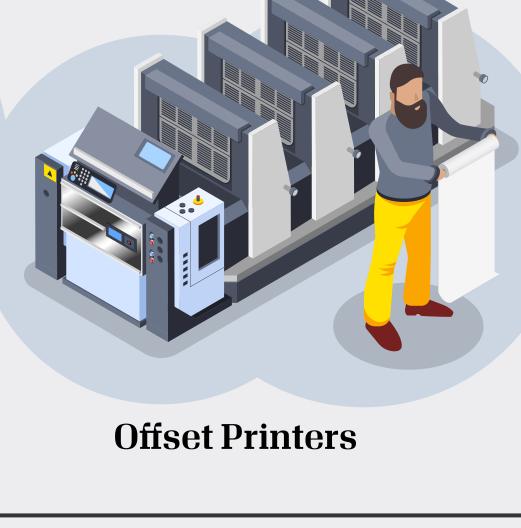
The most common in-use printing presses are:2

Commercial Printing Facts:





Office &



Envelopes

The largest category of printing and writing papers is

uncoated free sheet paper, used for:3



Business Forms





Ink for a printing

Books



machine costs about **\$12,000/gallon.**4

In the U.S., commercial printing

The printing industry in the U.S. was

the 14th ranked manufacturing

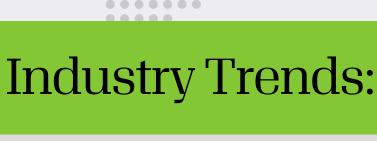
industry by market size.5

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OUT OF BUSINESS

is a **\$461 billion** industry.⁶



25,000 companies.⁷

The U.S. commercial printing

industry is made up of about

Printing revenue has fallen

at a rate of 3% to \$82.9

billion over the past five

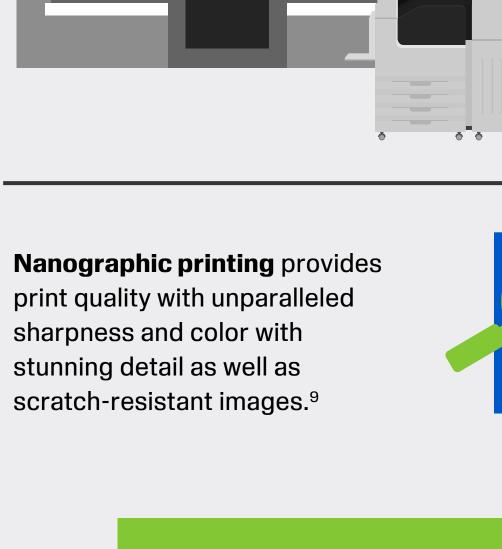
years, including a 3.4%

is declining at a faster

manufacturing industry.9

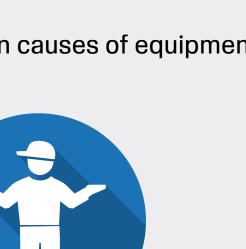
rate than the U.S.

decrease in 2023.8 The U.S. printing industry





Nanography



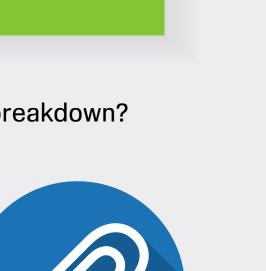


Operator Error

Loss Prevention Tips:

Regularly schedule time to remove paper, rags and

other debris from beneath the press, which can



Inkjet

Foreign Objects

\$11,000,000 High End **Offset Press:** \$10,000 Low End \$40,000,000

\$300

Digital Press:

Low End

High End

Lack of Maintenance

How much do printing

presses cost to replace?

cause damage or even start a fire.



manufacturer specifications. Commit to an ongoing operator training program as operator error is a leading loss driver.

Lubricate the chains,

bearings and motor

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Boiler Re

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