

Cut your energy costs

Ecological Technology

Technology is now considered one of the main sources of environmental pollution. Biesse has recognized the importance of environmental policies and is using them to shape its corporate philosophy.

We now use water-based paints, have reduced our energy consumption, separate the waste we collect and recycle material shavings to make new panels. The latest generation of Biesse solutions are designed to cause less pollution by optimizing the work process and sharply reducing excess energy consumption and CO₂ emissions.

Saving our energy with intelligent energy management

When saving energy is a fundamental objective for protecting the environment and reducing costs. An innovative green device means the machine can be adjusted to execute the job consuming only the energy required.

Farewell to Waste

Technology is becoming intelligent and self-sufficient. Biesse machine solutions can trigger a stand-by system which reduces energy consumption. Temporarily shutting down those parts of the machine not in use cuts energy consumption.

No more surprises

The era when the energy consumption of a company could not be forecast or budgeted for is over. Constant monitoring leads to a reduction in energy consumption as it permits greater precision and awareness in using the machinery and recording energy consumption for future forecasts.

Our software offers new control standards:

- Real Time display of machine energy consumption;
- Upto 61 different measurements can be displayed, including current, voltage and energy saved;
- A Green button that activates or shuts down the energy saving system; and
- Energy consumption display and recording.

Energy from Energy

Biesse machine solutions recover the surplus kinetic energy from the electrospindle motors and reconvert it into

electricity. A real financial saving that will have a positive impact on company costs and an important advancement in reducing energy consumption, the only way to safeguard and protect our environment.

Only When and Where needed

Biesse has reduced the use of vacuum pumps, the vacuum is only activated in areas where it is really required. By leaving only those nozzles supporting a real weight active, Biesse's innovative technology gives a significant reduction in energy consumption.

Less Suction, More Air

Adjusting the nozzles so that only those required are working, means that suction of waste material can be reduced so as to avoid energy waste.

Declaring War on CO₂ Emissions

CO₂ or carbon dioxide, is produced by industrial combustion and has for some time been recognized as one of the main causes of the infamous greenhouse effect. For this reason we have declared war on CO₂, using all solutions available to combat it. Some of our machines in the Biesse range can cut CO₂ emission by upto 30 tonnes annually.

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It is not only good news for the environment, it is also good news for you!

Purchasing Biesse Technology machining solutions not only contributes to reducing pollution but means that you immediately start to SAVE ENERGY and therefore COSTS \$\$\$\$\$. The collaboration between Biesse, Beckhoff and Bosch Rexroth has led to the creation of the B-cubed range of machines which feature low energy consumption as standard. Today, being environmentally aware can bring benefits to you and your business!

