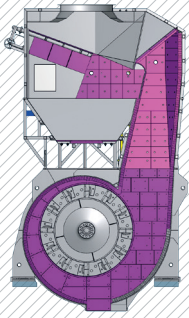


**IVITAS**  
**Beater Wheel Mill**

## » Revitalise your mill circuits by improving their efficiency and reducing operational costs

**There is no need to replace your entire beater wheel mill circuit to increase its efficiency and reduce operational costs. We can design and implement individualized solutions for your existing mills according to your budget and resources.**

IVITAS is an engineering company which was established in 1996. Since its founding, we have focused on designing technological systems for power generation. IVITAS professionals use their know-how, extensive experience and patented design technology to benefit your milling operations. To date, we have 49 mills based on our design that are currently installed and in operation. Our boiler design for the Tusimice II Power Plant, including mill circuits, was awarded the prestigious gold medal at the 2012 International Engineering Fair in Brno.



## » Discover the difference that IVITAS can make on your milling operations

### Intelligent designs and custom solutions

We work with you on an individual basis so your concrete needs and requirements are addressed. Our engineers and design team tailor unique solutions that will drastically increase the operating parameters of your current mill circuit, while significantly reducing your operating costs. From design to optimisation to delivery, we offer you a complete service for your beater wheel mill needs.

### No matter the size of the project or your budget – we can make a difference

From small to large projects, we work within your budgets and limitations to improve the efficiency and cost effectiveness of your mills.

- › Design of beaters
- › Refurbishment of your existing mill circuit (optimising the performance of selected components)
- › Complete engineering, construction and delivery of a new mill

### Advantages of IVITAS designed mills

- › Improved (patented) design of beaters for increased durability and extended service intervals
- › Increased grinding efficiency while maintaining consistency of the pulverized coal within the whole load range of the mill assures better ignition and combustion
- › Optimisation of operations allows for a wider range of coal quality to be accepted without impacting the milling and combustion processes
- › Extending the range of output through the use of a regulator (frequency convertor or variable speed fluid couplings) provides increased control while maintaining high quality grinding



**As a result of IVITAS designs,** the potential to reduce NOx emissions via primary measures is created (i.e. directly addressing the cause of emissions rather than just reducing the generated pollutants by secondary measures).

Contact our Sales Director  
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to arrange an initial consultation.

**WE LOOK FORWARD TO  
HELPING YOU SAVE MONEY**