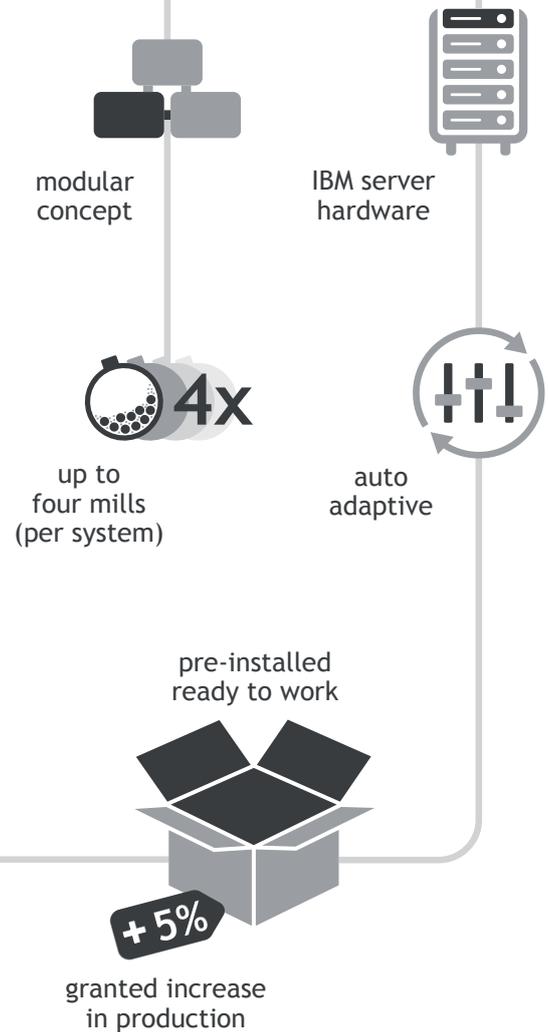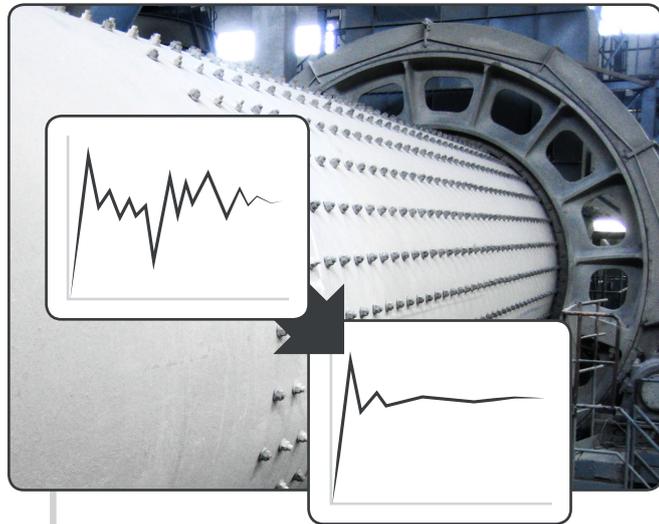# MillMaster

Is your grinding process efficient enough?
Optimised control of your grinding processes.

MillMaster

Benefits at a glance

- more energy efficiency
- increase in production
- improved product fineness
- less wear
- higher facility availability
- reduced maintenance costs

modular
concept

IBM server
hardware

4x

up to
four mills
(per system)

auto
adaptive

pre-installed
ready to work

+5%

granted increase
in production

24/7
automatic
mode

less energy
use

reduced
maintenance

high product
quality

increased
throughput

Predictive control of grinding facilities

MillMaster controls closed grinding circuits—**fully automated**. If required, without operator. One system is able to operate up to four mills at the same time, thus increasing your facility's availability by preventing overfilling and similar failures.

The consequent constant and **optimal fill level** ensures smooth and stable operation, leading to significantly less wear and a more homogenous product. Additionally, the output increases and the power consumption drops.

The new **"auto adaptive"** mechanism automatically and independently determines and adjusts the ideal filling level to always ensure optimal mill operation.

MillMaster can be integrated into every automation system—it is **simply plugged in** via a standard OPC interface. With your previous control system on standby you can switch to it at any time.

Benefits from MillMaster:

- unattended operation
- auto adjustment
- ready-to-use modules
- fully automatic
- up to 6 mills (per System)
- fast commissioning
- return of investment in less than 1 year
- low investment costs

The **modular concept** allows you to choose the functions you need. MillMaster offers modules for the following control groups:

Measured benefits

up to
15%

5%

+ 5% production increase

-4% **-3%**

reduced CoV*

up to
-15%

specific energy
consumption

up to
-20%

*coefficient of variance

MillMaster's range of application:

- vertical mills
- ball mills
- roller press
- separator / fineness
- hot gas generator
- water injection
- ventilation
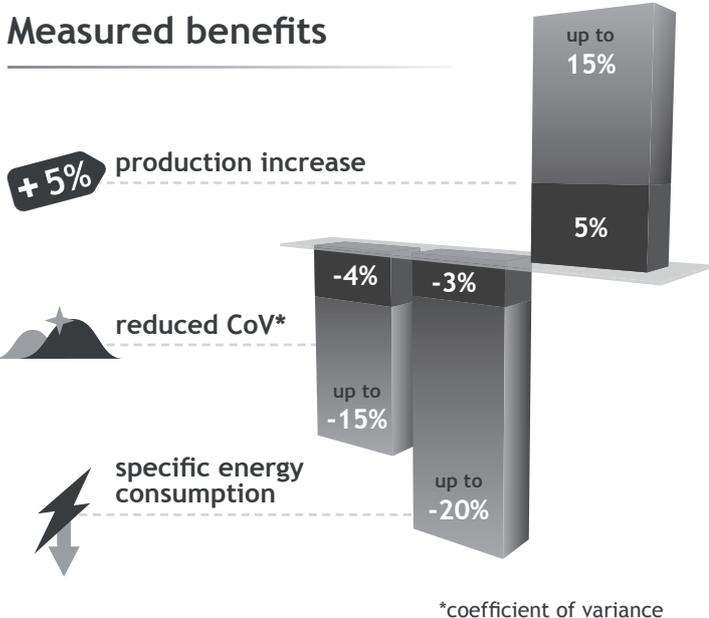
If desired—thanks to our flexible system—additional modules can be developed and easily integrated at any time.

More than 100 installed MillMaster control systems are in operation every day - worldwide.