



# Introducing

a game-changing solution  
for all your VRM grinding applications



**Expand** 

Magotteaux power station  
innovative longer-lasting  
VRM wear parts

*Are you looking for steady production  
in your power station?*

*Do you want to reduce maintenance cycles  
and improve safety?*

*Then, our new and innovative  
Expand solution is designed for YOU!*

## **No more compromise between production and maintenance**

In the past, production departments and maintenance managers had to find a compromise between using the vertical mill wear parts until the end of their useful life and maintaining stable productivity, product quality and efficient energy consumption.

Today, with Expand, you no longer have to compromise! Our new solution for vertical mills allows the two parties to sleep easy and reach their respective objectives: **less maintenance and fewer shutdowns combined with steady production and low energy consumption.**





## A custom solution to serve your specific needs

At **Magotteaux**, we constantly work to understand and meet your needs with the most innovative solutions. This is why we have developed not one product, but two. In addition to our new standard solution, **Expand One**, achieving significantly higher performance than any other standard Metal Matrix Composite (MMC) product, we have developed a new high-end and custom designed solution, **Expand+**, boosting your efficiency to even higher levels.

With **Expand**  we offer first-class vertical mill wear parts for all your grinding applications for the best value for money available in today's market.

### Making a point on your sustainable agenda.

With **Expand** Magotteaux power station innovative longer-lasting vertical mill casting, you make your business more sustainable and improve your safety records.

**Expand** has a longer useful life directly impacting and lowering energy consumption, since you will consume fewer parts. In addition, our scrap buy-back program contributes to the best product lifecycle, allowing you to reduce and optimize your footprint to make your power station greener.

The risk of accidents for your people is strongly reduced due to the longest maintenance intervals available on the market. **Expand** also helps avoid the toxic fumes caused by hard-facing operations.

**Expand** Magotteaux innovative longer-lasting vertical mill casting, a **5 in 1** solution that combines the best performance and smaller ecological footprint.



High resistance and longest lasting solution available on the market.



Consistent and reliable production, stable operating conditions.



Maximum energy efficiency with lower emissions.



Lower maintenance and replacement frequency, fewer maintenance shutdowns, improved safety. With our monitoring services and tools, we can assist you in anticipating and choosing the right time for replacements.



**Best product lifecycle.**  
At Magotteaux, we have for long adopted a scrap buy-back program allowing you to reduce and optimize your ecological footprint.



## What more?

### **Expand Magotteaux vertical mill parts**

are available for ALL mill designs, segmented and non-segmented rollers and tables.

–

### **Expand Magotteaux vertical mill parts are a totally NEW and proprietary**

solution with patents pending. It's new and made for you!

–

**Expand Magotteaux vertical mill parts are covered by a** Magotteaux guarantee.

**Magotteaux, an industry leader with 100 years of experience standing by your side.**

At Magotteaux, **we understand better than anyone your business.** After all, we have been in the business serving your industry for probably as long as you have been producing electricity.

We know it's an increasingly challenging world and any difference we can make to reduce the overall running cost of your operation will have a positive impact on your bottom line: we are committed to making your business as successful as possible.

Magotteaux is much more than just a supplier! As a **true innovator**, we invest continuously in R&D and develop **strong and close relationships** to understand your challenges and define the best possible solution prior to engineering and delivering the promised quality. We use innovative and modern monitoring tools to prove our promise and optimize your operations.

We are born recyclers, as more than 80% of our raw materials come from recycled goods. We **invest into energy efficiency and renewable energy** along with an active strategy to reduce, reuse and recycle.



Process optimization services and products for abrasive and impact applications.

[www.magotteaux.com](http://www.magotteaux.com)  
+32(0)43617617  
[vrn@magotteaux.com](mailto:vrn@magotteaux.com)

The information and data in this data sheet are accurate to the best of our knowledge. They are intended for general information only. Applications as suggested are described only to help readers make their own assessment. They are neither guarantees nor to be construed as express or implied warranties of suitability for these or other applications.