

DOROL Expert Service

– breathes new life into tired mills.



thyssenkrupp

With more than 400 units worldwide, our DOROL double-roller mill is a true success story. With, in some cases, several decades of production behind them however, many of these mills no longer achieve their maximum performance. Often, the reduced throughput of the mills results in a decrease in the productivity of the upstream and downstream plant sections, as well as a considerable increase in specific energy consumption.

The DOROL Expert Service stops this development and ensures a decisive improvement in mill operation.

To achieve this, our specialists from the fields of process technology and mechanical systems, as well as service, analyse the entire mill system. In addition to the mill, they examine the separator, the coarse feed valve, the fan, the cyclone and the filters.

We carry out measurements during operation and inspect the grinding compartment during a stoppage. Only in this way can one gain a complete picture of the mechanical condition and the specific operating conditions of the plant. Following the analysis, clear statements can be made concerning the grinding bed depth, the quantities of false air, the air velocity in the nozzle ring, the gas flow volumes and the wear.

On this basis, we can immediately identify optimisation potential for the plant and can increase both performance and availability. Together with the customer, we draw up a detailed emergency plan and **put it into practice directly on site.**

With our measures, we can increase production, minimise energy consumption and increase the service life of the plant components.

According to experience, an increase in production and a reduction of the energy requirement of 5 to 25 percent can be expected in just one week – which is the time we need in order to inspect and optimise the mill.

The benefits of DOROL Expert Service:

- Professional inspection of the grinding plant by thyssenkrupp Industrial Solutions service experts
- Increase in plant capacity
- Minimisation of energy consumption
- Optimum mill operation
- Increased service life for mechanical elements
- Assessment of wear parts
- Recommendations for further optimisation steps
- Analysis of causes
- Advice and training for your personnel
- Spare parts recommendations
- Calculable stocking of spare parts



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Revamps
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Spare Parts Supply
& Management