



# FLSmidth Pakistan Grinding Services

Local services with global expertise – now available from our Pakistan service centre. With state-of-the-art grinding equipment and a local grinding specialist, we are able to mobilise quickly to assist you with critical maintenance services, and help you avoid paying expensive shipping costs.

## Our experts on your doorstep

With much of your equipment being in near-continual operation, wear poses a constant risk to efficiency. As kiln tyres and rollers form irregular surface profiles, you get problems with vibration, an inability to control axial thrust, increased power consumption, alignment issues and reduced bearing life. These problems can escalate, causing premature bearing failure, damage to tyre retaining components, bases and drive components, and even cracks to the kiln tyres. The only way to gain back lost efficiency – and prevent unwanted downtime – is to undertake regular preventative resurfacing.

But waiting on the necessary equipment and service personnel to arrive from overseas can set your maintenance program back by months – leaving your process.

With advanced grinding capabilities now available direct from your local Pakistan service centre, you can optimise plant performance and enhance overall efficiency without waiting on – or paying for – overseas shipments.

### Key benefits

- Full flowsheet support available locally, reducing costs
- All services payable in local currency
- Quick and easy equipment availability, with no overseas shipping necessary
- Local experts, supported by our global network of engineers

# Get the full benefit of your equipment, fast

## Get back to optimum performance, fast

Resurfacing/grinding allows for proper adjustment of support rollers and reduces power consumption. The FLSmidth resurfacing process improves mechanical stability, reduces energy consumption and lowers operating costs. We resurface the worn faces of support rollers and tyres in-situ, while the kiln/rotary equipment is in normal production – there is no costly downtime and plant operation is uninterrupted.

## Avoid unexpected problems and costly downtime

We combine technical advisory support, skilled labour, and state-of-the-art tools to execute work at the highest standards. The level of our involvement is up to you. Every service is tailored to your needs, giving you the best results and maximum peace of mind.

## FLSmidth grinding services

- Reduce your overall risk and protect your investment by using an experienced OEM cement plant service provider
- Prioritise health and safety – we manage everything
- Include expert Project Management, project planning, and communication with third-parties
- Deliver quality workmanship and the assurance of uninterrupted OEM warranties
- Include all necessary tools and equipment
- No downtime required
- Ongoing expert support with any technical questions
- Full grinding report provided on completion

**Get in touch today to hear how we can help you avoid risks and ensure your specific installation goes smoothly.**



## Measurable results

Resurfaced components improve the mechanical efficiency of your kiln:

- Energy required to turn the kiln/rotary equipment is reduced. Case studies show that energy savings of up to 42% have been achieved on the running of rotary kilns/rotary equipment
- We accurately measure and report the diameters before and after the resurfacing process. This makes it possible to hold a machining tolerance of 0.3 mm on the radius

## FLSmidth A/S Pakistan

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