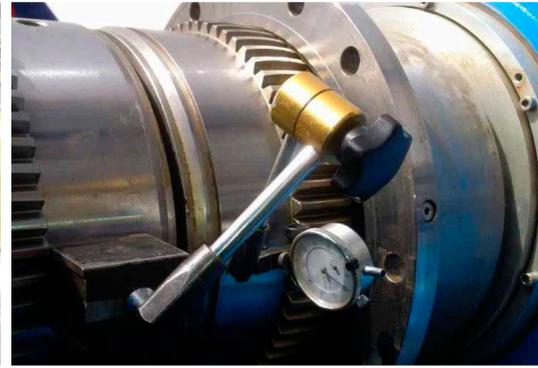


ISAMILL™

SERVICES AND AFTERMARKET SUPPORT



Glencore Technology's IsaMills™ have been the backbone of the fine grinding industry for over 20 years. The energy efficient and robust technology has delivered high quality grinding performance to our clients' sites, day in, day out, for years. However to do this reliably, the mills need to be properly maintained.

As operators, Glencore Technology has had firsthand experience of operating and maintaining IsaMills™ at Glencore sites around the world. We understand what operators want out of their mills; they need high availabilities and low operating cost, achieved through sound operational and maintenance practice linked to well planned and executed shutdowns. What they don't want is an unplanned shutdown. Often the total concentrate of a plant is treated by one

IsaMill™ only – one unplanned shutdown can shut the whole operation!

Glencore Technology works with IsaMill™ operators and maintainers regularly – diverse operations that use their IsaMills™ to produce grind sizes only several micrometres in size from sulphide minerals, or much courser applications such as MIG (mainstream inert grinding) circuits, treating the very hardest of chromite host rocks in the platinum industry. This has given us a unique insight into our client's needs, so we can assist our clients to get the most out of their operations.

Glencore Technology has expert technicians, who can visit your site, and provide a range of services, tailored to suit your requirements. The services can cover wear analysis, maintenance practices,

records keeping and even storage and warehousing advice – an often overlooked part of the lifecycle of parts. Another key element of our service offering is training, whether it is a refresher for experienced crews, or more detailed for new team members and contractors. Our aim is to provide quality advice, promoting high levels of safety benefiting our client's workforce as well as getting the best out of our technology.

We also offer supervision during the "one-off" shutdowns that happen once a year at the most, which, because of their infrequent nature, can be longer than they really need to be if not planned properly. Having our experts on site who deal with these disruptions regularly, provide certainty that they will be completed safely on time.



“We want to work with IsaMill™ maintainers to ensure they are getting the best out of their mills, we want them to get the most out of our experience.”

