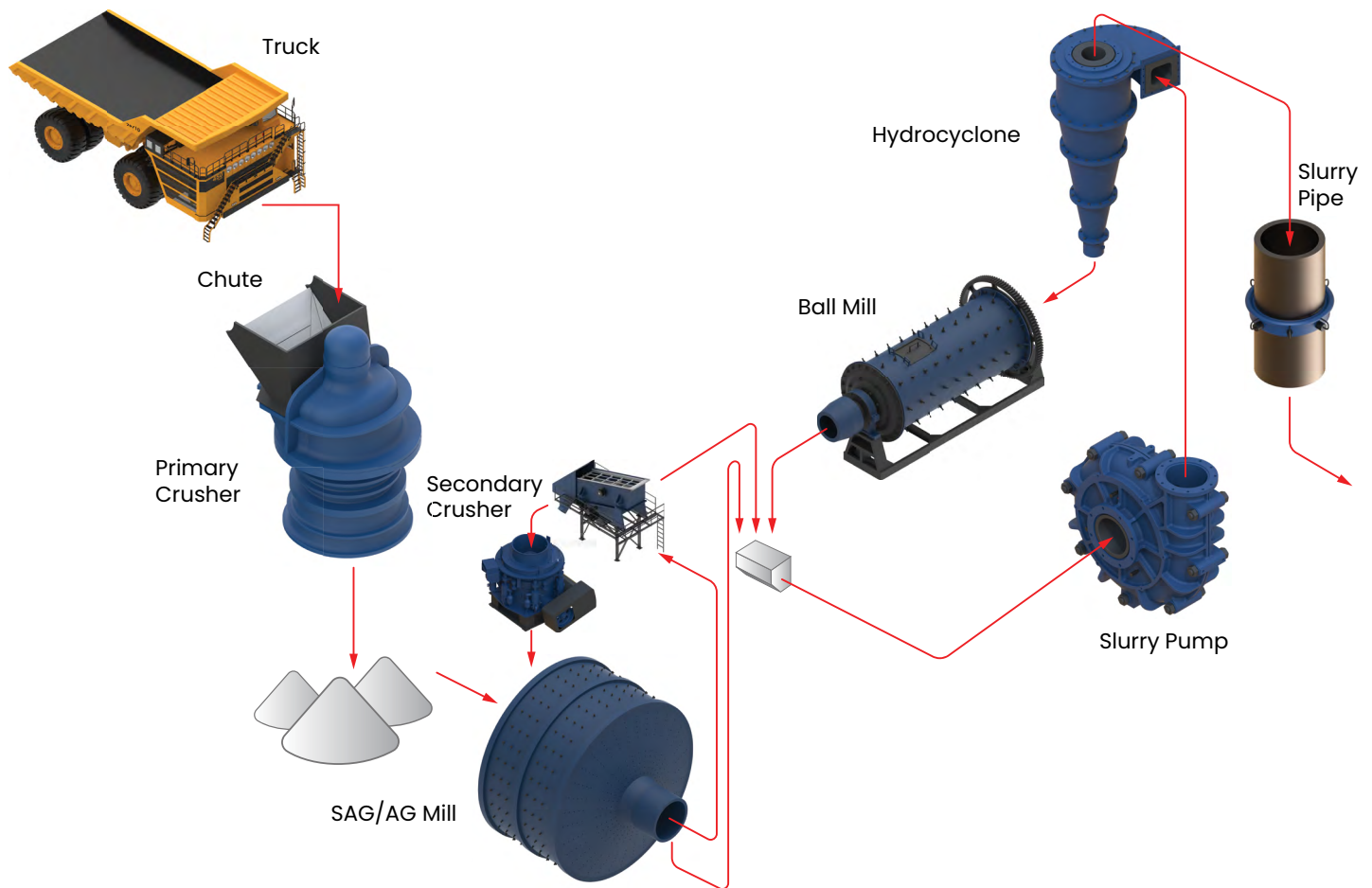


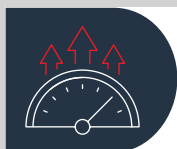
# KNOW YOUR WEAR

**A real-time wear monitoring system  
engineered for extreme environments.**

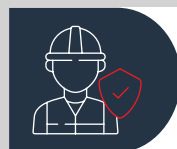
Wireless sensors providing real, live, actionable data points of an asset's wear.



## Benefits of Wear Sensors



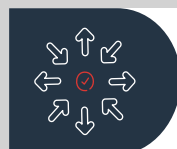
**Maximise  
uptime**



**Redefine safety and  
safety standards**



**Optimise operations and  
improve productivity**



**Minimise waste and  
optimise wear design**

**Enquire now**

P. 1300 BISALLOY  
E. [solutions@bisalloydigital.com](mailto:solutions@bisalloydigital.com)



# CRUSHERS

Crushers are responsible for breaking down large chunks of ore into smaller, manageable sizes, a vital step that prepares the material for further processing and extraction of valuable minerals. The liners within these crushers are crucial, not only for protecting the crusher chamber from the intense impact and abrasive wear but also for improving crushing efficiency. Wear sensors embedded in these liners are a must in any modern smart crushing operations. They allow for real-time remote monitoring, predictive maintenance, and optimised liner usage and design, resulting in enhanced operational efficiency, reduced downtime, and improved safety. By providing accurate, real-time data, these sensors facilitate informed, data-driven decision-making, significantly boosting the overall performance, cost-effectiveness, and sustainability of mining operations.

- Easy to install – 10mm diameter cold-drill hole
- Set and forget – peace of mind established with alerts
- Real-time reporting
- Seamless integration
- Tailored for precision – our wear sensors are fit for purpose, delivering customisable solutions.



**Remove the unknown** – install wear sensors to know when to replace your liners and maximise your return of investment.

SPECIFICATIONS	ACTIVE
Length	25-1000mm
Probe diameter	10mm
Resolutions	>0.2mm
Graduations	0-100 *infinitely variable
Response speed	<1ms
Battery life	2 years
Cloud platform compatible	Yes
Water rating	IP67
Working temperature range	-40 ~ 85°C
Vibration	14.1g, IEC 60068-2-64:2008
Shock	10g, IEC 60068-2-6:2007
EMC – IEC	IEC 61000-4-2
EMC – ESD	IEC 61000-4-3

