

MAGOLOAD®



FORGET ABOUT YOUR TUBE MILL BALL LEVEL!

The Magoload® ensures a continuous and automated grinding media top up to compensate ball wear in tube mills.

Your sole task will be to refill the Magoload® when the low grinding media level warning goes on.



Magoload without safety guards for illustration purpose only.

YOUR ADVANTAGES:

- No output loss - always operate your tube mill at optimum ball charge and power levels
- Improved grinding efficiency
- Optimized wear costs through better grinding media management
- Improved safety on grinding media handling
- Reduction of ball handling costs through decreased man-hours
- Keep track of all grinding media added - accurate to the kg

Grinding media outlet



MAGOLOAD®

CONTROLLED GRINDING MEDIA REPLENISHMENT



	Standard hopper	Extended hopper
Power supply	380 - 420 Vac 50Hz 25A (440 - 480 Vac 60Hz 25A)	380 - 420 Vac 50Hz 25A (440 - 480 Vac 60Hz 25A)
Hopper capacity	15 t	21 t
Weight (bin empty)	2.3 t	2.6 t
Dimensions	1900 x 2500 x 2300 mm (WxLxH)	1900 x 2500 x 2800 mm (WxLxH)
Max. ball loading quantity	450 kg/batch	450 kg/batch
Max. ball loading frequency	20 loadings/h	20 loadings/h
Ball loading accuracy	accurate to the kg	accurate to the kg
Connectivity	To all PLC/Scada systems (Profibus or Ethernet)	To all PLC/Scada systems (Profibus or Ethernet)
Ball size	10 - 150 mm	10 - 150 mm

CONTROL STRATEGIES

- Manual mode
- Automatic ball addition depending on mill running hours & ball wear rate

PROVIDED INFORMATION

- Date and time of ball top ups
- Amount of grinding media added (kg)

USER INTERFACE

- SCADA supervision system
- Remote or local operator interface
- Customer supervision system link

OPTION

- One Magoload® for several mills

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.

Process optimization products and services for high abrasion extracting industries