

BALL CHARGER PACKAGE CAPABILITY STATEMENT SEPTEMBER 2018

Cöpler - Turkey

Client: Anagold Madencilik

This facility required to contain 25 tonnes of 125 mm diameter balls and discharge to the SAG mill feed belt. The unit is mounted on load cells and capable of operating in Loss-In-Weight mode, totalising delivery or counting ball discharge. Linked to the plant DCS and also having local control.



Cöpler - Turkey

Client: Anagold Madencilik

Two identical ball chargers, one feeding left hand, one feeding right hand to deliver 60 mm to 80 mm diameter balls to a parallel quicklime slaking circuit.



**Toka Tindung Gold Mine – Sulawesi – Indonesia.
PT Meares Soputan Mining.**

Unit delivering 65 mm diameter balls to a ball mill. Loaded via an overhead crane and kibble. The unit has a local control panel with switching to remote (DCS) operation. The client has subsequently ordered an additional unit.



**Mina La Herradura – Sonora – Mexico
Minera Penmont, S DE RL DE CV
Penoles**

One of two SAG Mill ball chargers, 30 tonne capacity holding kibble. Both units mounted on load cells and capable of operating in Loss-In-Weight mode, totalising delivery or counting ball discharge. Linked to the plant DCS and also having local control.



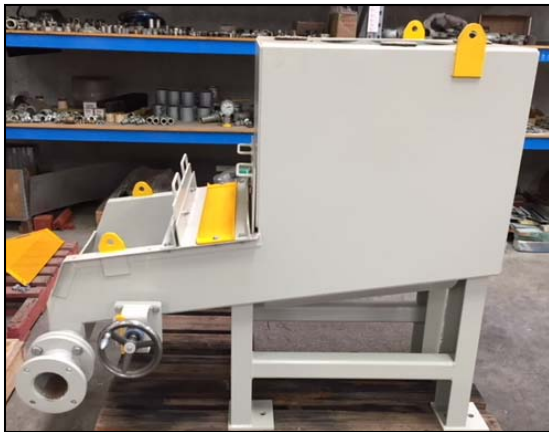
**Kwinana Nickel Refinery – Kwinana – Western
Australia.
BHP Nickel West**

Single unit operating on local timer control delivering 25 mm diameter balls to two nickel concentrate slurring ball mills.



Minera Penmont, S DE RL DE CV
Penoles Mexico

6 Ball chargers 125 mm diameter balls, 50 mm diameter balls & 25 mm diameter balls
Various mines in Texas USA and Mexico



Tianqi Lithium Hydroxide Plant - Kwinana
Western Australia

MSP Engineering Pty. Ltd

Manually operated ball feeding system
delivering 25 mm diameter to Limestone
grinding mill Mm diameter balls to a packaged,
roller mounted ball mill grinding limestone.