



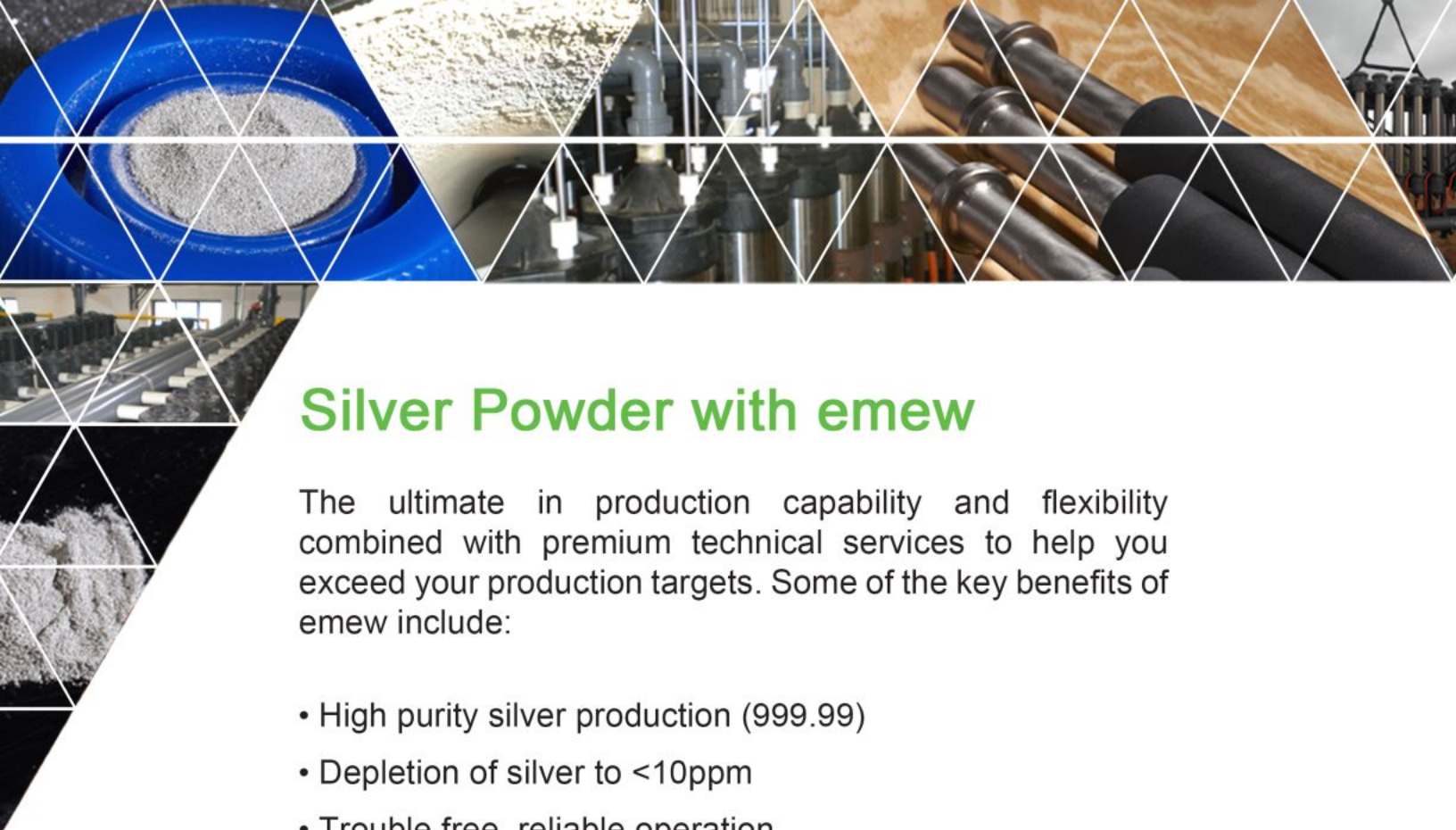
www.emew.com | info@emew.com



Providing leading edge clean technology solutions for environmental stewardship, metal recovery, energy efficiency and waste water treatment.

THE ULTIMATE SILVER REFINING TECHNOLOGY

Discover how emew maximizes silver recovery, minimizes losses / recycles, and reduces working capital.



Silver Powder with emew

The ultimate in production capability and flexibility combined with premium technical services to help you exceed your production targets. Some of the key benefits of emew include:

- High purity silver production (999.99)
- Depletion of silver to <10ppm
- Trouble free, reliable operation
- Completely enclosed for enhanced security & safer environment
- Advanced process control & remote monitoring
- Modular, skid mounted units for easy installation
- Frees up inventory, reduces working capital (WIP) to < 24h
- Integration into existing refinery and metal production facilities





emew offers:

- High purity silver (999.99) in the presence of base metals
- Rejection of impurities such as copper, lead, cadmium and many others
- Immediate release of gold and PGM's in silver feed
- Lower silver inventories with significant reduction in working capital
- Recovery of silver from Moebius bleed as an alternative to silver chloride
- Recovery of base metals from Moebius bleed to reduce the load on wastewater treatment

High purity silver from:

- Caustic cyanide PLS
- Nitric acid electrolyte
- Refinery by-products
- Bleed streams
- Effluent streams
- Low grade waste materials
- Scrap residues
- Plating baths
- Pairs well with IX and SX



Comparing emew with conventional electrorefining:

	emewPowder Technology	Conventional Electrorefining
Solution Concentration Required for 99.99% Ag	>10 g/L Ag	>50 g/L Ag
Production Rate	Consistent production rate	Decreases with decreasing anode weight
Anode casting and handling	No	Yes
Recycle Load	No recycle load, no spent anodes to re-melt	Spent anode recycling, re-melting
Working Capital	Low inventory (third of conventional ER)	High inventory (3 times production rate)
Gold Release	6-8 hours	24-72 hours
Bleed Solution	Silver recovered directly from bleed and recycled back into the process	AgCl precipitation
Silver Powder Recovery	PLC controlled, fully automated operation	Silver powder stripping is manual
Theft/Pilferage	Fully enclosed, locked, low potential	High potential