

MetaLine™

Wet processing solution for heavy
metal recovery and site remediation.



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MetaLine™

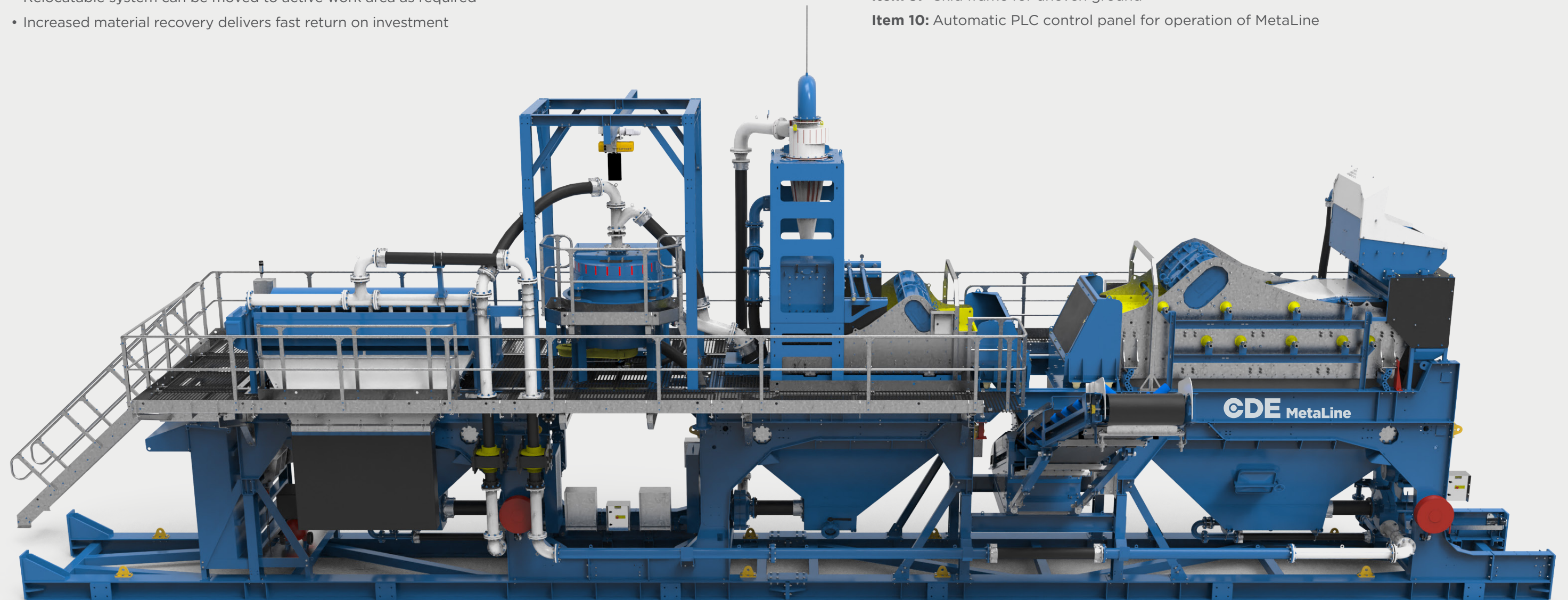
Wet processing solution for heavy metal recovery and site remediation.

Wet processing system delivering enhanced recovery of primary heavy metals like gold and platinum from mine tailings. Precision grading capabilities enable the extraction of additional valuable products including black sand and magnetite. Beyond resource optimisation, the system provides vital environmental protection by effectively capturing free mercury, thereby reducing groundwater contamination and facilitating the remediation of former mining sites.

- Clean water-based technologies, effective without the use of chemicals
- Up to 96% recovery of fine heavy metals
- Up to 93.5% free mercury recovery
- Designed to support existing processes, compatible with a range of feed systems
- Relocatable system can be moved to active work area as required
- Increased material recovery delivers fast return on investment

Operational process of MetaLine:

- Item 1:** Washing and screening of pumped raw feed material
- Item 2:** Magnetic separation of -3mm to remove magnetite type materials
- Item 3:** Fine gold concentration unit
- Item 4:** Free mercury recovery
- Item 5:** Dewatering of -3mm material
- Item 6:** Conveying of dewatered -50mm material
- Item 7:** Concentrator maintenance hoist
- Item 8:** Walkways and stairwell for safe access to operational areas of machine
- Item 9:** Skid frame for uneven ground
- Item 10:** Automatic PLC control panel for operation of MetaLine



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Technical specifications of the MetaLine outlined below

METALINE	200
Feed Capacity (tph)	Up to 200 minus 100mm
Water Requirement (m ³ /hr)	Up to 100
Power Requirement (kW)	200

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3 YEAR
warranty
on all CDE
products

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uptime**

