



STEINERT WDS **Wet Drum Separator**

> Heavy media recovery in dense media plants

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Many wash plant operators may overlook the significant cost benefits that an effective dense media recovery circuit can have on overall plant operations. Magnetite can be lost at various transport and recovery points in the plant, ranging from airborne dust, spillage, ineffective draining and rinsing - to inefficient magnetite recovery.

Applications

- heavy media recovery in dense media plants
- magnetite or ferrosilicon
- iron ore processing

STEINERT's permanent magnet Wet Drum Separator's WDS have been beneficiating iron ore and heavy media successfully for decades. STEINERT WDS's remove magnetic contamination from the product stream, therefore increasing product purity and plant productivity.



Technology

By introducing powerful neodymium iron boron magnets, fields of up to 7,000 Gauss can be achieved, meaning STEINERT can also offer so-called medium-intensity magnetic separators (MIMS). For greater throughput volumes, diameters of up to 1.2 m and operating widths of up to 3.6 m as well as back-to-back and parallel arrangements are possible.

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