



BWT 1186 — HIGH THROUGHPUT COARSE XRT SORTER

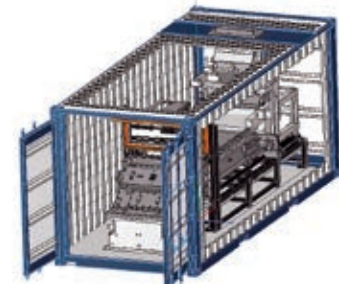
APPLICATION

On belt detection X-ray Transmission (XRT) sorter. Coarse DMS replacement. Dewatered material feed size range (-75mm + 8mm). Dry material application (-75mm + 6mm). The technology may have applications in other mineral separation such as coal, etc.



FEATURES AND SPECIFICATIONS

- ▶ Dual Energy XRT detector
- ▶ Robust air ejector system. Top-down or bottom-up
- ▶ Containerised with services container for easy deployment
- ▶ Full maintenance support and remote diagnostics
- ▶ User friendly menu driven control interface
- ▶ Tracer catch trays for tracer tests
- ▶ Provides online carat estimates and stone count values
- ▶ All diamond types are recovered, low luminescent, type II, yellow, bort, etc.
- ▶ Built-in diamond security design



MAXIMUM THROUGHPUT CAPACITY

Size range (mm)	Maximum feedrate (Ton/hour)
-8 + 6	17
-16 + 8	38
-25 + 16	70
-32 +25	112
-50 + 32	140
-75 + 50	200

BENEFITS

- ▶ Maximum diamond recovery with minimum gangue material at high feedrates
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- ▶ Spillage free; ultra low yields
- ▶ Calibration and self-testing
- ▶ Operator and maintenance friendly
- ▶ Complete operator safety due to improved features
- ▶ Low operating costs

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