



XRT COARSE CONCENTRATOR PLUS

APPLICATION

On belt detection X-ray Transmission (XRT) sorter. High capacity 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, iron ore, etc.

FEATURES AND SPECIFICATIONS

- ▶ Dual Energy XRT detector
- ▶ Robust air ejector system
- ▶ Self contained services 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
- ▶ Yield <0.005%



MAXIMUM THROUGHPUT CAPACITY

Size range (mm)	Maximum Feedrate (Ton/hr)
-8 + 6	42
-16 + 12	84
-25 + 16	140
-32 + 25	224
-50 + 32	280
-75 + 50	400

Recommended size ratio \leq 3:1

BENEFITS

- ▶ Maximum diamond recovery with minimum gangue material at high feedrates
- ▶ Spillage free; ultra low yields
- ▶ Calibration and self-testing
- ▶ Operator and maintenance friendly
- ▶ Complete operator safety
- ▶ Low operating costs
- ▶ Ruggedised for remote applications

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