



BDT1122 — XRT RE-CONCENTRATION SORTER

APPLICATION

Re-concentration sorting of diamondiferous material using X-ray transmission technology. Material size range (-32mm + 2mm). Dry material feed application.

FEATURES AND SPECIFICATIONS

- ▶ Dual Energy XRT detector
- ▶ Robust air ejector system
- ▶ Full maintenance support
- ▶ 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



RE-CONCENTRATION	
Size range (mm)	Maximum feedrate
-4+2:	*25 kg/h
-8+4:	50 kg/h
-16+8:	100 kg/h
-32+16:	150 kg/h

** Throughput to be determined by test work*

- ### BENEFITS
- ▶ Maximum diamond recovery with minimum gangue material at high feedrates
 - ▶ Spillage free
 - ▶ Calibration and self-testing
 - ▶ Operator and maintenance friendly
 - ▶ Complete operator safety due to improved features
 - ▶ Low operating costs
 - ▶ Detector life extension protection

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