

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		BENEFITS
Size range (mm)	Maximum feedrate	
-4+2:	*25 kg/h	◊ Maximum diamond recovery with minimum gangue material at high feedrates
-8+4:	50 kg/h	◊ Spillage free
-16+8:	100 kg/h	◊ Calibration and self-testing
-32+16:	150 kg/h	◊ Operator and maintenance friendly

** Throughput to be determined by test work*

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