

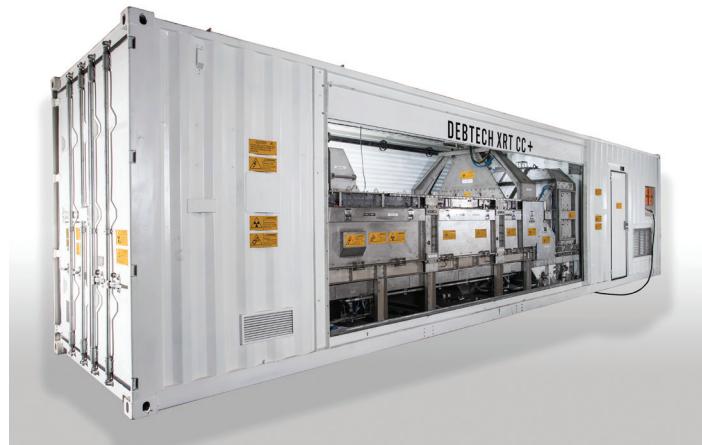
XRT COARSE CONCENTRATOR PLUS

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

CONTACT US

T +27 11 247 3733
 E UPSTREAMSALES@DEBEERSGROUP.COM

JOHANNESBURG, WEST CAMPUS | RECOVERY FACILITY
 Cnr Crownwood & Booysens Reserve Roads, Theta, Johannesburg, 2013

CAPE TOWN, GOLF PARK | HEAD OFFICE
 DBM Gardens, Golf Park 2, Raapenberg Road, Pinelands, 7405