

# DE BEERS TECHNOLOGIES

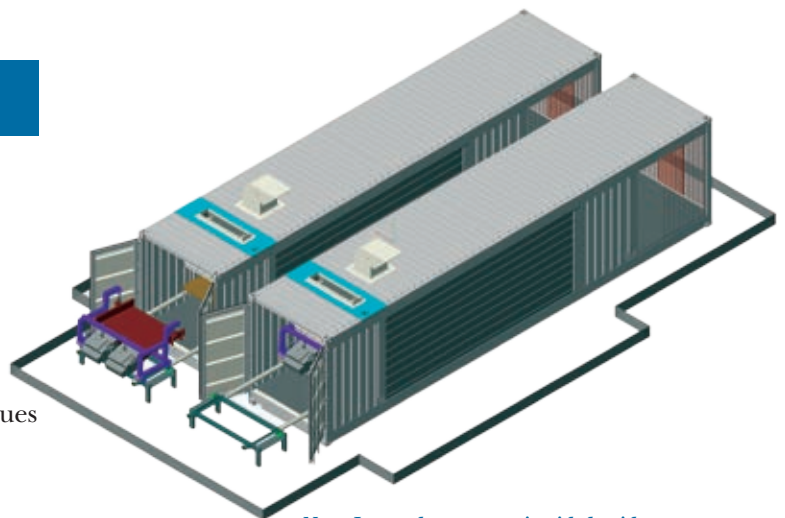
## XRT Coarse Concentrator Plus

### 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 + 4mm). 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, boart, etc
- Built-in diamond security design
- Yield <0.005%



*Note: Image shows two units side by side*

(Available mid 2017)

#### Maximum Throughput Capacity:

Size range (mm)	Maximum feedrate (ton/h)
-6 +4	20
-8 +6	42
-16 + 12	84
-25 + 16	140
-32 + 25	224
-50 + 32	280
-75 + 50	400

Recommended size ratio ≤ 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