

# DE BEERS TECHNOLOGIES

## CDUV 1130 and CDUV 118 Osprey Ultra Violet diamond Scavenging Sorter

### APPLICATION

Free fall UV diamond scavenging sorter, single pass, single input. Final processing of tailings from re-concentration processes like X-ray recon, sort house glove boxes, SPS, etc. Material size range (-19mm + 1mm) split at appropriate ratio and feedrates. Material feed application dry. Feasible grease replacement technology.



### FEATURES AND SPECIFICATIONS

- Robust air ejector system
- Modular, compact robust and ergonomic design
- Split cabinet design – separate process and service compartment for enhanced security
- Single network interface for control and information
- Full maintenance support
- User friendly menu driven OTI and HMI
- Tracer catch trays for tracer tests



LoVol	
Size range (mm)	Feedrate (kg/hr)
-4 + 1	90
-8 + 4	180
-16 + 8	360
-19 + 16	450
**HiVol (Projected values)	
Fines	Up to 1 T/h
Middles	Up to 3 T/h
Coarse	Up to 10 T/h

### BENEFITS

- Optimum diamond scavenging with minimum gangue material at high feedrates
- Spillage free, low yields
- Operator and maintenance friendly
- Complete operator safety
- Low operating costs
- Low Capex
- Complimentary technology to X-ray sorting

\*\* HiVol still to be developed