

RGS-OD-5

Final concentrate
retreatment

-50+10 mm

New
product*

Advantages:

1. High throughput XRT sorter for all types of diamond (type II, low luminescent, etc);
2. High recovery rate;
3. Sorting of wet or dry material;
4. Small footprint suitable for containerization.



Automated Control Rack

Sorting Machine

X-ray transmission (XRT) sorter RGS-OD-5 is a diamond recovery machine designed for treatment of DRY or WET material with size range -50+10 mm.

Main specification

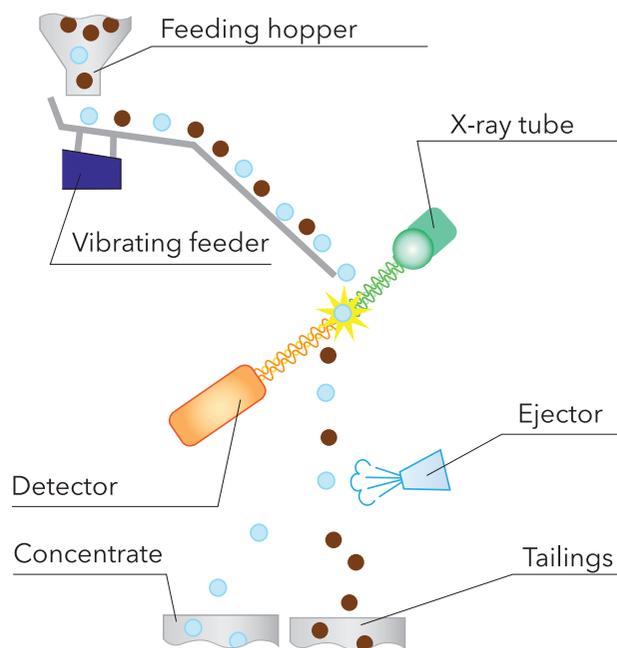
Size fraction, mm	-50+30	-30+20	-20+15	-15+10
Throughput, kg/h	2500	2000	500	300
Yield per 10 ejections, grain	15	16	18	20
Type of material	dry or wet			

Material feeding and detection system

Material feed	Gravitation feeder
Flow	2
X-ray tube	1
Detector	1

Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)	6
Technical water consumption, not more than, l/min	30
Cooling water consumption, not less than, l/min	6
Consumption of compressed air per 1 ejection, l	5
nominal productivity, l/min	50



	Dimensions, mm	Weight, kg
Sorting machine	2000x930x2135	1100
Automatic control rack	881x603x1952	200

* Preliminary information

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