

# RGS-5

Primary sorting

-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-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, t/h	60	45	30	20
Yield per one ejection, kg	0.8	0.6	0.4	0.3
Type of material	dry or wet			

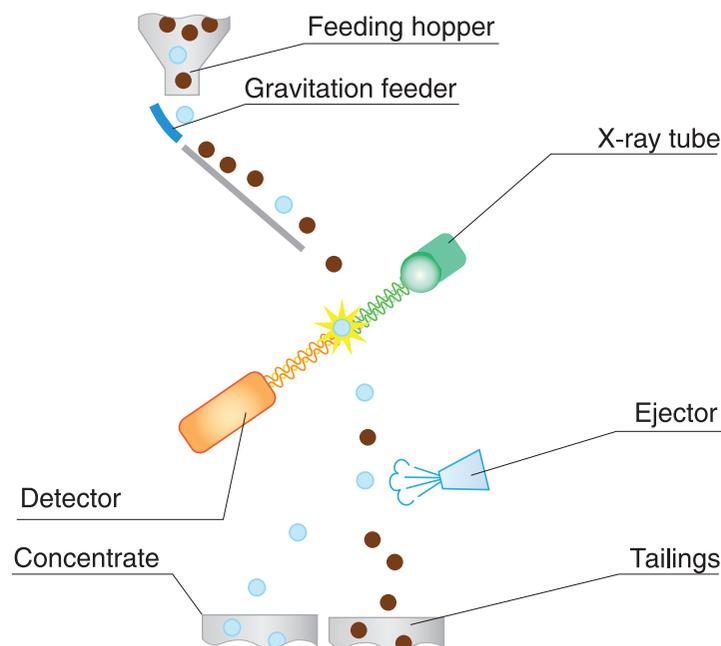
### Material feeding and detection system

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

### Sorter's supply

Power consumption, kVA (single phase, 220V/50Hz)	5
Cooling water consumption, not less than, l/min	6
Consumption of compressed air	per 1 ejection, l nominal productivity, l/min
	1.15 30

\* Preliminary information



	Dimensions, mm	Weight, kg
Sorting machine	2300x845x2300	1400
Automatic control rack	760x555x1750	230

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