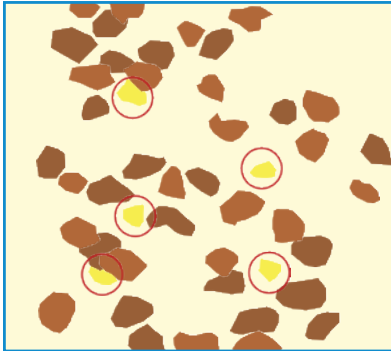


RGS-OD-3

Final concentrate
retreatment

-6+1 mm

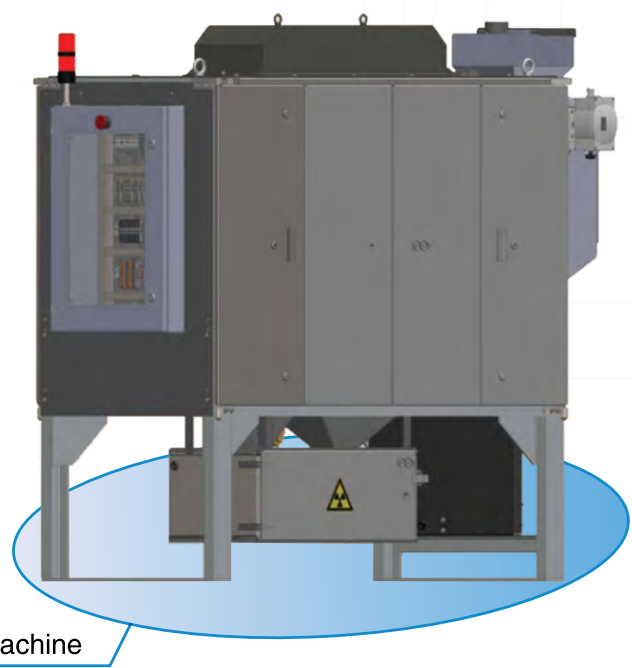
New product



Example of transmission image with rock particles and diamonds (marked with the circle)



Automated Control Rack



Sorting Machine

X-ray transmission sorter RGS-OD-3 is a diamond recovery machine designed for final concentrate retreatment of DRY material with size range -6+1 mm.

Main specification

| | | |
|----------------------------|-------|------|
| Size fraction, mm | -6+3* | -3+1 |
| Throughput, kg/h | 45* | 20 |
| Yield per one ejection, kg | 0.2* | 0.05 |
| Recovery rate, % | 98* | 96 |
| Type of material | dry | |

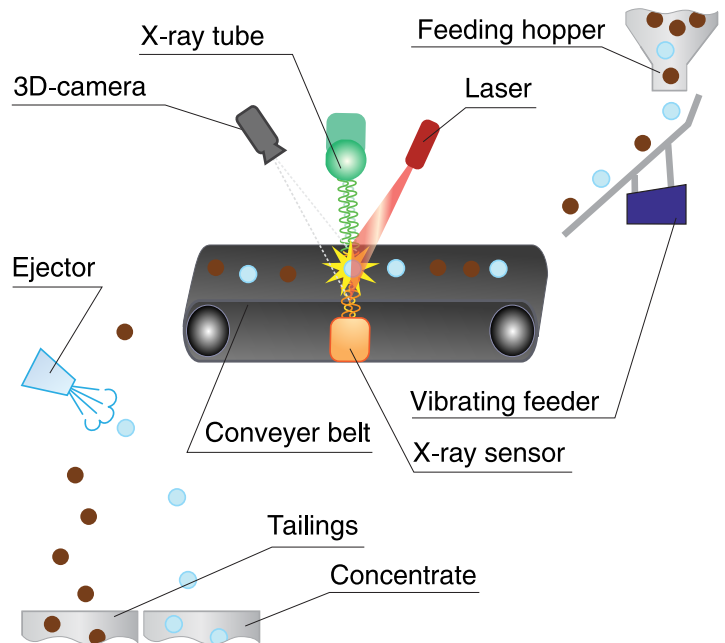
Material feeding and detection system

| | | |
|--------------------------|----------------------------------|--|
| Material feed | vibrating feeder & conveyer belt | |
| Flow | 1 | |
| X-ray tube | 1 | |
| X-ray sensor | 1 | |
| 3D-camera & Laser sensor | 1 | |

Sorter's supply

| | |
|--|------|
| Power consumption, kVA (single phase, 220V/50Hz) | 3.5 |
| Cooling water consumption, not less than, l/min | 5-6 |
| Consumption of compressed air per 1 ejection, l | 0.03 |

* To be additionally confirmed in operation



| | Dimensions, mm | Weight, kg |
|------------------------|----------------|------------|
| Sorting machine | 2100x900x1800 | 900 |
| Automatic control rack | 1120x860x1800 | 340 |

“Bourestnik”, JSC

3, bld 1, Lyotchik Parshin st., 197375,
 Saint-Petersburg, Russia
www.bourestnik.com

Marketing, Advertisement and Sales Department:

Tel.: +7 (812) 327-92-41, 331-34-10
 E-mail: marketing.bv@alrosa.ru

Aftersales Service

Tel./Fax: +7 (812) 329-55-07
 E-mail: service.bv@alrosa.ru